

**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 8 311 159 \$ en vue d'appuyer 54 projets d'infrastructure dans la province. / The Canada Foundation for Innovation (CFI) Board of Directors approved a contribution of \$8,311,159 to support 54 infrastructure projects in the province.

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

Polymer Nanomaterials Research Infrastructure	\$125,000
<b>1 project / projet</b>	<b>\$125,000</b>

**École Polytechnique de Montréal**

Mutli-Scale Modelling of Shot Peening and Peen Forming for the Aerospace Industry	125 000 \$
Numerical and Experimental Modelling of Highly-Dynamic Hydro-Environmental Systems	93 509 \$
Micorgrid Laboratory	125 000 \$
Exploration de nouvelles générations d'alliages métalliques de haute performance assistée par ordinateur	125 000 \$
3D Ultrafast Ultrasound Imaging	250 000 \$
<b>5 projets / projects</b>	<b>718 509 \$</b>

**McGill University**

Biologically-Derived Materials and Devices Laboratory	120 000 \$
Infrastructure for the Development of Soft Biomaterials for Tissue Repair	100 000 \$
Understanding the Molecular Pathogenesis and Improving Diagnosis and Management of Skin Cancers in Patients	60 000 \$
Nano/Micro Device Innovation Lab	140 000 \$
Synthesis and Characterization of Advanced Functional Materials	240 000 \$
Low-turbulence Water Tunnel	164 000 \$
Control of Transcription in Placental and Epiblast Development	116 824 \$
Infrastructure for Uncertainty Quantification in Power System Stability Analysis	40 000 \$
State Estimation Enabling Autonomous Operation of Robotic Vehicles	49 600 \$

.../ **McGill University**

Patient-derived Organoids to Deconvolute the Impact of Tumor Microenvironment on Cancer Initiation and Progression	115 397 \$
Functional Genomics of Immune Responses	146 000 \$
Controls on Microbial Carbon Cycling in Marine Environments: Linking Micro-scale Processes to Global Carbon Dynamics	239 875 \$
Functional Genomics of Acute Myeloid Leukemia	60 000 \$
Center for Culturally Responsive Research in Kinesiology and Physical Education	113 954 \$
Cerebellum-dependent Learning: From Synapses to Behavior	179 500 \$
<b>15 projets / projects</b>	<b>1 885 150 \$</b>

**Université de Montréal**

Deciphering the Regulation and Role of PGC-1 Transcriptional Coactivators in Human Skin Conditions	138 146 \$
Laboratory of Quantitative Plant Development	253 886 \$
Functional Genomics of Long Noncoding RNAs in Human Diseases	159 991 \$
The Brain-Circuit Analysis Platform: From Brain Circuits to Behavior	120 249 \$
Laser Microdissection and Optogenetics Systems for Discovery of Molecular Mechanisms Underlying Memory Decline in Aging	110 020 \$
Mechanism of Bacterial Peptidoglycan Synthesis and Surface Adhesion	519 965 \$
Multiphasic-plasma Research Infrastructure	233 586 \$
Functional Imaging of Neuron-glia Interactions at the Network Level in Cortical and Brainstem Circuits	249 999 \$
Field and Laboratory Platform for Aquatic Biogeochemistry	146 021 \$
Uncovering Stem Cell States, their Transitions and Regulatory Mechanisms	144 669 \$
Infrastructure for Structural Characterization by Scanning Electron Microscopy	397 671 \$
Towards an Archaeology of the Anthropocene	50 850 \$
Plateforme photonique de neuroscience de la vision	119 424 \$
<b>13 projets / projects</b>	<b>2 644 477 \$</b>

**Université de Sherbrooke**

Infrastructure de terrain pour l'étude de la spatialisation de variables hydrologiques	162 500 \$
<b>1 projet / project</b>	<b>162 500 \$</b>

**Université du Québec - Institut national de la recherche scientifique**

Megahertz through Millimeter-wave Material and Component Characterization Laboratory (MMMCC-M3C2)	209 502 \$
Studying and Manipulating the Plant Holobiont Across All Scales	148 595 \$
Laboratoire en statistiques spatiales et développement urbain (LADU)	121 482 \$
<b>3 projets / projects</b>	<b>479 579 \$</b>

## Université du Québec à Chicoutimi

Laboratoire de sclérochronologie des poissons	63 977 \$
<b>1 projet / project</b>	<b>63 977 \$</b>

## Université du Québec à Montréal

Infrastructure for the Dynamic and Quantitative Analysis of Biological Processes	141 811 \$
TGCTextes	47 793 \$
<b>2 projets / projects</b>	<b>189 604 \$</b>

## Université du Québec à Rimouski

Laboratoire d'essais mécaniques destinés aux matériaux, aux produits et aux procédés	299 897 \$
Laboratoire de physiologie comparée et évolutive du vieillissement cellulaire	70 000 \$
Laboratoire d'étude des impacts des sons anthropiques sur le développement des organismes benthiques	44 095 \$
<b>3 projets / projects</b>	<b>413 992 \$</b>

## Université du Québec à Trois-Rivières

Matériaux innovants pour la conversion et le stockage de l'énergie	100 000 \$
<b>1 projet / project</b>	<b>100 000 \$</b>

## Université du Québec en Outaouais

Laboratoire de Neuropsychophysique Cognitive et Sociale	99 740 \$
<b>1 projet / project</b>	<b>99 740 \$</b>

## Université Laval

Infrastructure for Lipoprotein Metabolism Research Unit	109 116 \$
Role of the Gut Microbiome-Endocannabinoidome Axis in Metabolic Health and its Therapeutic Exploitation - Phase 2	704 067 \$
High-Throughput Microbial Interaction Mapping Platform	86 000 \$
Caractérisation de systèmes de finition et de systèmes de densification pour le bois	98 492 \$
The Encounter Research Lab	107 522 \$
Laboratory on Quality by Design in Bio-Products Engineering (BIO-QbD)	100 031 \$
Immunophenotyping Infrastructure for Functional pharmacoEPIgenomics of Childhood Leukemia	123 403 \$
Silicon Photonics for High-capacity Optical Communications	100 000 \$
<b>8 projets / projects</b>	<b>1 428 631 \$</b>