

Fonds de relève / New Opportunities Fund Fiche d'information / Backgrounder

Québec / Quebec

Le conseil d'administration de la Fondation canadienne pour l'innovation (FCI) a approuvé des contributions totalisant 5 090 034 \$ en vue d'appuyer 30 projets d'infrastructure. / The Canada Foundation for Innovation (CFI) Board of Directors approved a contribution of \$5,090,034 to support 30 infrastructure projects.

Titre du projet / Project Title	Contribution maximale de la FCI / Maximum CFI Contribution
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Ecole Polytechnique de Montréal

Advanced Micro and Nanofabrication Laboratory	225 072 \$
1 projet / project	225 072 \$

HEC Montréal

Laboratoire de calcul en finance et assurance	46 057 \$
1 projet / project	46 057 \$

McGill University

Advanced Radiotherapy by Combined Novel Three-dimensional Ultrasound Techniques and Monte Carlo Dose Calculation	\$159,830
An Integrated Computing Platform for Enabling Innovation in Signal Processing and Scientific Computing	\$232,633
From transcription factors to cell function: novel insights into the regulation of bone resorption by osteoclasts	\$174,997
Bench to Bush Infrastructure for Wildlife Bioenergetics Research with Application to Human Obesity, Biodiversity, and Climate Change	\$174,087
Computing Infrastructure for the Analysis of Non-coding Functional Regions of the Human Genome	\$89,964
Infrastructure for Laboratory of Craniofacial Stem Cells and Tissue Engineering	\$156,018
Infrastructure for the Measurement of High-speed Interconnects, Microwave Electronic Circuit Components and Packaging Effects	\$204,929
Infrastructure to Explore the Interplay of Ecological and Evolutionary Dynamics in Plankton Communities	\$174,816

McGill University (suite / continued)

Integrated High Performance Computing and Audio/Video Conferencing Facility for High Energy Physics Research	\$205,078
Laboratory for Correlative and Interdisciplinary Research on Cancer Nutrition and Rehabilitation	\$120,033
Measurement and Development Tools for Computational Acoustic Modeling of Music Instruments and Sounding Objects	\$175,403
Resistively Detected NMR in Low-dimensional Nanostructured Systems: A Tool to Study Fundamental Quantum Phenomena, and Application to Spintronics	\$175,000
Single-Molecule Visualization and Imaging Facility for Mechanistic Study of DNA Repair Enzymes with Nanometer Precision	\$175,000
Transdisciplinary Research in Poultry Science: Nutrition, Environment, and Health	\$174,850
Work-work-work: Infrastructure to Characterize the Biomechanics of Repetitive Motion Disorders	\$157,739
15 projects / projets	\$2,550,377

Université Laval

Cell Imaging Platform for the Study of the Role of Novel Proteins in Angiogenesis	176 279 \$
Dotation d'équipements pour la caractérisation thermodynamique des matériaux	175 114 \$
Laboratoire d'imagerie spectrale pour l'estimation en-ligne et le contrôle de la qualité des produits industriels	151 602 \$
Laboratoire d'écologie comportementale appliquée	161 368 \$
Virtual Components and Complex Signal Processing Systems Laboratory	206 052 \$
5 projets / projects	870 415 \$

Université de Montréal

Discovery of New Antiviral Approaches for the Treatment of Human Papillomavirus Associated Diseases	247 921 \$
Infrastructure for a Xenopus Developmental Biology Laboratory	159 349 \$
Molecular Mechanisms of Viral Immune Evasion Strategies	229 077 \$
Unlocking the Potential of Planar Chirality: Asymmetric Olefin Metathesis as the Key	93 865 \$
4 projets / projects	730 212 \$

Université de Sherbrooke

Non-Contact Time-Resolved Laser Induced Fluorescence Diffuse Optical Tomography	165 000 \$
Récepteurs des kinines et corrélation fonctionnelle dans l'inflammation vasculaire	157 476 \$
2 projets / projects	322 476 \$

Université du QC Institut national de la rech. scientifique

Establishment of a Laboratory for the Study of Morbillivirus Pathogenesis	234 419 \$
Establishment of a Molecular Virology Laboratory to Study the Human Pathogen Herpes Simplex Virus	111 006 \$
2 projets / projects	345 425 \$