

**Leaders Opportunity Fund / Fonds des leaders
Backgrounder / Fiche d'information**

Ontario

The Canada Foundation for Innovation (CFI) Board of Directors approved a contribution of \$6,212,304 to support 44 infrastructure projects. / Le conseil d'administration de la Fondation canadienne pour l'innovation (FCI) a approuvé des contributions totalisant 6 212 304 \$ en vue d'appuyer 44 projets d'infrastructure.

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

Brock University

Facility for Small Molecule Analysis and Quantification	\$85,972
1 project / projet	\$85,972

Carleton University

Laboratory for Flow Visualization Studies of Insect Flight Aerodynamics and Flapping Winged Locomotion Using Biorobotic Models	\$116,785
New Approaches to the Use of Sulfur Functionality in Asymmetric Organic Synthesis	\$120,000
Research and Development of Time Projection Chamber Detector Technology for Neutrino Physics	\$120,000
3 projects / projets	\$356,785

Laurentian University / Université Laurentienne

A Laboratory for Experimental Petrology and Ore Deposits Research at Laurentian University	\$49,295
1 project / projet	\$49,295

McMaster University

A Theory Lab for Multi-Scale Modeling of Infectious Diseases	\$67,284
Advancing the Study of Human Social Perception	\$56,932
Human Modeling and Simulation In Occupational Biomechanics and Ergonomics	\$225,001
3 projects / projets	\$349,217

Queen's University

Centre for Chiral Catalysis (CCUBED)	\$294,493
Perceptual and Cognitive Processing of Complex, Real-World Scenes	\$98,040
2 projects / projets	\$392,533

University of Guelph

Advanced Digital Audio Production and Performance Studio	\$126,298
An Integrated Animal Science Laboratory Complex for the University of Guelph, Kemptville Campus	\$248,367
Guelph Wind Engineering Laboratory	\$121,197
System-Based Approaches to Optimize Nutrient Use Efficiency in the Agro-Ecosystem	\$125,219
4 projects / projets	\$621,081

University of Ottawa / Université d'Ottawa

Establishment of Facilities for the Study of Mechanisms for Neuroprotection and Neuroregeneration Following Cavernous Nerve Injury	\$66,666
Laboratoire de la Chaire Gordon F. Henderson en mondialisation et droits de la personne	\$94,376
Laboratory for Molecular Systematics	\$89,683
Neuromuscular and Rehabilitation Research Unit (NRRU)	\$297,872
Sound Patterns Laboratory (SPL)	\$107,933
Translational Strategies for Vascular Repair and Regeneration	\$294,000
6 projects / projets	\$950,530

University of Toronto

Advanced Packet Switch and Network Laboratory	\$120,000
An Integrated Facility for Studying Protein Structure, Dynamics, Interactions, and Function by NMR and Fluorescence Spectroscopy	\$80,000
Analysis of Regulatory Sequences and Systems	\$88,000
Developing Small Molecule Modulators of Protein-Protein Interactions	\$131,890
Infant and Toddler Laboratory for the Study of Language Development	\$78,146
Infrastructure to Study the Etiology of Pregnancy Complications	\$390,545

.../ University of Toronto

Laboratory for the Discovery of New Catalysts and Functional Materials	\$330,000
Micro/Nano-Optoelectronic Devices Laboratory	\$199,916
Nuclear Magnetic Resonance Equipment for High Throughput Environmental Metabolic Profiling	\$200,000
Proteomic Facility for Biomarker Discovery and Validation	\$135,268
Research Laboratory for the Molecular Ecology of Aquatic Microorganisms	\$142,184
Social Information Systems Laboratory	\$194,366
Spatial Ecology and Landscape Genetics Laboratory	\$37,187
Studies on the Role of T Cells in the Inflammatory Bowel Diseases	\$43,815
The Study of Nuclear Hormone Receptors in Metabolic Disease	\$176,169
15 projects / projets	\$2,347,486

University of Waterloo

A Low Jitter Testbench for High-Speed Data Converters	\$50,000
Infrastructure to Investigate Cortical Interactions Among Sensorimotor Loci Mediating Hand Movements in Focal Hand Dystonia and Control Subjects	\$40,000
Large Area Radiation Imaging Detectors	\$100,000
Solid-State Spin-Based Quantum Information Processing	\$119,998
4 projects / projets	\$309,998

University of Western Ontario (The)

A Novel Centre to Study the Microenvironment as a Dynamic Regulator of Cell Phenotype	\$173,586
High Throughput Nanoparticle Imaging Platform for the Non-Invasive Study of Metastasis in Cancer	\$205,418
Operando Laboratory for the Analysis and Discovery of New Types of Nanomaterials	\$167,146
Quantitative Live-Cell Fluorescence Microscopy and Digital Imaging Laboratory	\$153,259
4 projects / projets	\$699,409

University of Windsor

Advanced Infrastructure for Research on Visual Communication in Temperate and Tropical Animals	\$49,998
1 project / projet	\$49,998