

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

Ontario

The Canada Foundation for Innovation (CFI) Board of Directors approved a contribution of \$6,768,392 to support 47 infrastructure projects. / Le conseil d'administration de la Fondation canadienne pour l'innovation (FCI) a approuvé des contributions totalisant 6 768 392 \$ en vue d'appuyer 47 projets d'infrastructure.

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

Excavation of a Mycenaean Cemetery at Ayia Sotira, Koutsomadi, Deme of Nemea, Korinthia	\$8,929
1 project / projet	\$8,929

Carleton University

Carleton Facility for the Study of Plant Metabolism and Development	\$244,200
Laboratory for Aptamer Discovery and Development of Emerging Applications Research (LADDER)	\$120,523
2 projects / projets	\$364,723

Laurentian University / Université Laurentienne

Mass Spectrometer for Identification of Bioactive Natural Products	\$73,633
Pulsed Electron Deposition Facility for Value-Added Advanced Materials Processing	\$77,595
2 projects / projets	\$151,228

Queen's University

Delineating the Mechanisms of Microvascular Dysfunction During Gastrointestinal Disease	\$80,000
Integrating Basic and Translational Cancer Research Through Studies of the DNA Damage Response	\$217,760
Multidisciplinary Analysis and Design of Innovative Biomechanical and Automotive Systems	\$100,000
3 projects / projets	\$397,760

University of Guelph

Canada's First State-of-the-Art, One Micron Nuclear Microprobe	\$145,795
Facility for Nutraceutical Encapsulation and Performance Research	\$126,045
Integrated Venous Function in Chronic Heart Failure	\$126,828
Microneurography Facility for the Investigation of Spinal Circuitry in the Human Related to Movement and Balance	\$86,529
Research Setup for Active Food Packaging Systems, Biodegradable Material Forming and Food-Packaging Interaction	\$84,418
Sustainable Pest Management in Field and Horticultural Crops	\$380,282
The Guelph High Efficiency Gamma-Ray Spectrometer for Beta-Decay Experiments	\$149,364
Tissue, Cell, and Protein Dynamics Laboratory	\$252,319
8 projects / projets	\$1,351,580

University of Ontario Institute of Technology

Facility for Nematode Ion Channel Research	\$38,129
1 project / projet	\$38,129

University of Ottawa / Université d'Ottawa

A Multimedia Centre for Research in Counsellor Supervision Training	\$50,350
Brain and Language Laboratory (BALL)	\$142,304
Equipment for Studying Cannabinoid Receptor Coupling with Opioid and Dopamine Receptors	\$170,000
Fermentation of Recombinant Organisms for the Production of Functional Proteins	\$64,109

.../University of Ottawa / Université d'Ottawa

Infrastructure for Smart Autonomous Mobile Robots for Rescue Missions (SAMRRM)	\$62,864
Laboratory for Cryospheric Research	\$205,829
Laboratory for Human Embryonic Stem Cell Research and Regenerative Medicine	\$139,998
The Research Unit on Childhood Hearing Impairment	\$126,351
8 projects / projets	\$961,805

University of Toronto

A Supercomputer for Numerical Simulations of Planetary Dynamos	\$100,000
A Protein Interaction Network of the Yeast MRP-Subfamily of ABC Transporters	\$176,627
An NMR Spectrometer for the Investigation of Environmental Soil Processes and Toxicity In-Situ	\$300,000
Biotechnology for Wood Fibre Processing and Engineering	\$100,000
Infrastructure for Semantic Technologies Laboratory	\$113,821
Laboratory of Metabolic Systems Engineering	\$102,150
Systems Biology Through Machine Learning: Adaptive Computer Programs for Denoising, Interpreting, and Integrating Large-Scale Biological Databases	\$128,873
7 projects / projets	\$1,021,471

University of Waterloo

Enabling Advanced Digital Ergonomics and Shoulder Biomechanics Research	\$178,035
Optimizing Osteoporosis Diagnosis and Management: a Multi-Faceted Osteoporosis Research Centre	\$95,521
State-of-the-Art Facility for the Development of New Biopharmaceuticals and Biomarkers for Stress Detection	\$120,000
3 projects / projets	\$393,556

University of Western Ontario (The)

Exercise and Health Psychology Laboratory	\$390,036
From DNA Repair to Neural Circuits: Mechanisms of Cellular and Neurological Dysfunction	\$211,226
Laboratory for the Development of Innovative Groundwater Remediation Strategies	\$227,770
Novel Photocatalysis and SMB Technology Laboratory	\$255,902
Ultrasound Systems Development Laboratory	\$227,281
5 projects / projets	\$1,312,215

University of Windsor

Infrastructure for a Medium-Scale Green Technology Wind Tunnel Research Program	\$100,000
Self-Assembled Monolayers on Ultrasmooth Surfaces	\$50,000
Viral Preparation/Cell Culture Facility for Investigating Mediators Involved in the Development and Progression of Breast Cancer	\$50,000
Virtual and In-Person Research Facilities for the Health and Well-being Lab	\$46,888
4 projects / projets	\$246,888

Wilfrid Laurier University

Infrastructure for Cognition in Action Laboratory	\$112,023
1 project / projet	\$112,023

York University

Infrastructure to Support Research in the Area of Organometallic Chemistry for the Activation of Small Molecules and for the Polymerization of Functionalized Olefins	\$255,608
Three-Dimensional Shape Perception: How the Human Visual System Uses Statistical Regularities in Natural Scenes to Solve an Underconstrained Problem	\$152,477
2 projects / projets	\$408,085