

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

Ontario

The Canada Foundation for Innovation (CFI) Board of Directors approved a contribution of \$5,396,769 to support 46 infrastructure projects. / Le conseil d'administration de la Fondation canadienne pour l'innovation (FCI) a approuvé des contributions totalisant 5 396 769\$ en vue d'appuyer 46 projets d'infrastructure.

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

The Impact of Childhood Obesity on Cardiovascular Health: Arterial Stiffness, Baroreflex Sensitivity and Left Ventricular Structure and Function	\$65,023
1 project / projet	\$65,023

Carleton University

A Functional Genomics Facility to Study the Process of Translation	\$177,840
1 project / projet	\$177,840

Laurentian University / Université Laurentienne

A CPU/GPU Cluster for Real-time Dynamic Scene Analysis and Synthesis	\$16,080
Molecular Weight Determination of Well-defined Stimuli Responsive, Carbohydrate-derived Polymers Prepared by Living Radical Polymerization - Triple Detection Gel Permeation Chromatography	\$48,443
Polyolefin Synthesis Facilities	\$58,796
3 projects / projets	\$123,319

McMaster University

A Mass Spectrometry System for the Determination of Protein Complexes, Structures and Modifications	\$170,000
Analysis of Immune Gene Regulation in Animal Models of Psychiatric Illness	\$94,915
Facility for Studies of Optical Self-trapping in Photochemical Systems	\$120,000
3 projects / projets	\$384,915

Queen's University

Characterization of Innovative Infrastructure Materials and Assemblies at Extreme Temperatures	\$104,468
Data-intensive Research in Biomedical Computing	\$220,000
Malleable, Cost-effective, High-performance Computing Systems	\$100,000
3 projects / projets	\$424,468

Trent University

Establishment of an AAS and CNS Facility for Forest Biogeochemistry Research	\$86,892
Infrastructure for the Establishment of an Ecological and Evolutionary Physiology Laboratory	\$90,907
2 projects / projets	\$177,799

University of Guelph

Carbohydrate Structural Analysis	\$79,448
Computer Intensive Methods For Labor and Applied Welfare Economics	\$70,533
Infrastructure for an Integrative Nutritional Sciences and Metabolic Physiology Laboratory: Establishment of a Metabolic Biomarker and Adipokine Facility	\$116,611
Infrastructure to Study the Mechanisms Regulating Nutrient Utilization in Ruminants	\$118,275
Laboratory for the Study of Molecular Endocrinology and Immunology in Poultry	\$124,627
The Impact of Maternal History of Maltreatment on the Mother-Child Attachment Relationship and Children's Socio-Emotional Development	\$108,674
6 projects / projets	\$618,168

University of Ontario Institute of Technology

Centre for Engineering Design, Automation, and Robotics (CEDAR)	\$87,109
Computational Science and Visualization Laboratory (CSVL)	\$50,000
2 projects / projets	\$137,109

University of Ottawa / Université d'Ottawa

Child and Adult French Reading and Language and Communication Disorders Laboratory	\$32,576
New Perspectives on Nursing Shortages through Canadian Census Data	\$7,122
The Proteomics Research and DiagnostiC Technology (PREDICT) Studio	\$103,000
The Research Center for Cognitive Psychometrics in Language Testing: Building an Empirical Research Base for Mapping out the Cognitive Structures and Inferential Limits of Language Assessments	\$47,256
4 projects / projets	\$189,954

University of Toronto

Adolescent Depressive Vulnerability through the Lens of Face-to-Face and Day-to-Day Social Interaction	\$59,422
Fast Spectroscopic Techniques and Inert Atmosphere Equipment for New Developments in Homogeneous Catalysis	\$103,023
Laboratory for Forest Genomics	\$200,000
Semi-synthetic Tools to Study Glycosaminoglycans	\$168,219
The Quantitative Biology Laboratory: Infrastructure for Quantitative Studies of Gene Expression and Regulation	\$191,039
Toronto Research Laboratory for Dendrochronology, Palaeoenvironment, Archaeology and the History of Art	\$140,000
6 projects / projets	\$861,703

University of Waterloo

A Facility to Develop Novel Micro Devices and Analysis Tools for Biomedical, Environmental and Safety Applications	\$193,434
Development of a Research Database in Medieval Studies: a WEB-based, Searchable, Electronic Corpus of Albertus Magnus' Complete Works	\$18,110
Facility for the Design of Nanometer Integrated Circuits and Design Automation	\$70,000
Investigation of Knee Joint Loading Patterns Following Injury and their Influence on Articular Cartilage Remodelling	\$124,900
Research Facility to Study the Genetic/Physiological Determinants of Metabolic Rate and Obesity	\$191,457
5 projects / projets	\$597,901

University of Western Ontario (The)

A State-of-the-art Computer Controlled Triaxial Stress-Path Apparatus for Geotechnical Engineering Research	\$116,286
Advances in the use of Robotics and Minimally Invasive Technology in the Treatment of Heart Disease	\$136,257
An "Experience Sampling" Social Cognitive Neuropsychological Facility for the Study of Maladaptive Behavioural Consequences of Alcohol Use	\$81,587
An Applied Research Laboratory for Aging and Community Health	\$127,863
Infant Hearing Aid Technology Laboratory (IHAT)	\$70,009
Molecular and Cellular Mechanisms of the Innate Immune Response in the Development of Type 1 Diabetes	\$256,063
Mutation Load Index: Critical Parameters of DNA Damage Relevant to Aging, Cancer and Neurodegeneration	\$204,874
Regulation of DNA Processing Events	\$239,736
8 projects / projets	\$1,232,675

York University

Infrastructure to Support Research in the Areas of Bacterial and Viral Infection	\$211,543
Telehomecare Research Unit	\$194,352
2 projects / projets	\$405,895