

Innovation Fund / Fonds d'innovation Backgrounder / Fiche d'information

Ontario

The Canada Foundation for Innovation (CFI) Board of Directors approved a contribution of \$161,816,665 to support 39 infrastructure projects. / Le conseil d'administration de la Fondation canadienne pour l'innovation (FCI) a approuvé des contributions totalisant 161 816 665 \$ en vue d'appuyer 39 projets d'infrastructure.

Project Title / Titre du projet	Maximum CFI Contribution / Contribution maximale de la FCI	Distributed Infrastructure* / Infrastructure distribuée*
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Brock University

Integrated Tools for Biotechnology: Genomic, Proteomic, Metabolomic, Spectroscopic, and Computational Approaches	\$2,013,786	
Lifespan Development Research Centre	\$2,602,639	
2 projects / projets	\$4,616,425	

Carleton University

Carleton University Centre For Advanced Studies In Visualization and Simulation (V-SIM)	\$7,435,632	
1 project / projet	\$7,435,632	

Lakehead University

Infrastructure for Watershed Integrated Nutrient Study Sites in the Boreal Forest	\$530,687	
Lakehead University Virtual Centre for Advanced Research in Teaching and Training (LUV CARTT)	\$2,000,101	<i>Laurentian University / Université Laurentienne</i>
2 projects / projets	\$2,530,788	

McMaster University

Centre for Functional Genomics and Chemical Genetics	\$4,383,153	
Biological Microbeam for Low Dose Radiobiology Research	\$469,572	

McMaster University (continued / suite)

Polymer Microscopy	\$364,466	
Major Equipment for Digital Cinema Research	\$353,651	
4 projects / projets	\$5,570,842	

Mount Sinai Hospital

A Program in Integrated Systems Biology – Complex Relationships and Common Patterns Governing Biological Networks***	\$6,047,729	
1 project / projet	\$6,047,729	

Queen's University

Mobile Laboratories for Clinical, Behavioural and Genetic Subgrouping of Families with Autism Spectrum Disorders and Developmental Disabilities	\$1,148,483	
A Secure Multidisciplinary High Performance Computing Virtual Laboratory for Innovative Research	\$12,836,440	Carleton University University of Ottawa / Université d'Ottawa Royal Military College of Canada / Collège militaire royal du Canada
Ensuring Performance of Geosynthetics Under Extreme Environmental Conditions	\$660,048	Royal Military College of Canada / Collège militaire royal du Canada
3 projects / projets	\$14,644,971	

Royal Military College of Canada / Collège militaire royal du Canada

Fuel Cell Research and Innovation Centre	\$1,697,449	Queen's University University of Waterloo
1 project / projet	\$1,697,449	

The Hospital for Sick Children

Integrative Genomics for Health Research***	\$3,600,262	University of Toronto Mount Sinai Hospital Ottawa Hospital
1 project / projet	\$3,600,262	

Trent University

DNA and Forensic Science Research Centre	\$3,620,809	
1 project / projet	\$3,620,809	

University Health Network

Spatio-Temporal Targeting and Amplification of Radiation Response (STTARR) Innovation Centre***	\$3,893,177	
Research Program in Immune Tolerance in Transplantation (RITT)***	\$4,271,956	
Advanced Medical Discovery Institute: Genomic Instability and Cancer Cell Survival***	\$10,000,000	
3 projects / projets	\$18,165,133	

University of Guelph

Applied Evolution: The Fusion of Genomics and Ecology	\$4,038,739	
A Public Use Microdata Sample of Households in the 1891 Canadian Census: Quebec, the Maritime Provinces and the West	\$306,429	
Membranes and Surfaces in Diseases and Natural Environments – State-of-the-Art Facilities for Biophysical Research.	\$7,309,662	
3 projects / projets	\$11,654,830	

University of Ottawa / Université d'Ottawa

Accelerated Discovery of Advanced Catalysts and Catalytic Processes	\$7,721,387	
1 project / projet	\$7,721,387	

University of Toronto

Nanofabrication of Metamaterials	\$4,684,760	
The Polar Environment Atmospheric Research Laboratory (PEARL) at Eureka	\$3,293,176	<i>Dalhousie University</i>
Southern Ontario Centre for Atmospheric Aerosol Research (SOCAAR)	\$1,257,401	
Intelligent Design for Adaptation, Participation and Technology (IDAPT): Innovative Rehabilitation for People in Challenging Environments***	\$7,358,556	<i>Toronto Rehabilitation Institute</i>
Facilities for Manufacturing Microcellular and Nanocellular Plastics with Superior Properties with Lowered Weights	\$745,750	

University of Toronto (continued / suite)

Centre for Biological Timing and Cognition (CBTC)	\$10,056,201	Lakehead University Trent University University Health Network
Infrastructure Facility for Centre for Biocomposites and Biomaterials Processing	\$2,267,553	
Rock Fracture Dynamics Facility: Experimental Rock Deformation and Geophysical Imaging for Validation of Coupled-process Numerical Modeling	\$1,979,975	
8 projects / projets	\$31,643,372	

University of Waterloo

Centre for Advanced Photovoltaic Devices and Systems	\$4,454,957	
1 project / projet	\$4,454,957	

University of Western Ontario (The)

The "Three Little Pigs" Project: Testing Full-scale Houses and Light-frame Buildings to Destruction using Realistic, Extreme Environmental Loads	\$2,744,599	
The University of Western Ontario Research Data Technology Facility: Promoting Innovative Analysis of Canadian Data	\$127,280	
SHARCNET 2	\$19,326,759	University of Waterloo York University Brock University McMaster University University of Guelph Sheridan College Institute of Technology & Advanced Learning Wilfred Laurier University University of Windsor
The Biotron	\$11,309,006	University of Guelph University of Western Ontario (The)
Tribointender and Scanning Probe Facilities for Nanoscale Mechanical and Electrical Studies of Materials and Interfaces	\$627,450	
5 projects / projets	\$34,135,094	

University of Windsor

Large Lake Ecosystems: A Facility to Quantify and Model the Impact of Multiple Stressors	\$1,966,420	
1 project / projet	\$1,966,420	

York University

A Community Approach to Multiscale Air Quality Modelling and Forecasting	\$2,310,565	<i>Université de Sherbrooke</i>
1 project / projet	\$2,310,565	

***Distributed Infrastructure** – Infrastructure that is located at various sites as opposed to infrastructure located at one site but serving many institutions.

***Infrastructure distribuée** – Infrastructure située à plusieurs endroits par opposition à une infrastructure située à un seul endroit mais desservant plus d'un établissement.

*****Projects Invited to Submit a Full Proposal Under the CFI's Research Hospital Fund (RHF).**

*****Projets invite à soumettre une demande complète au Fonds des hôpitaux de recherche (FHR).**