

**John R. Evans Leaders Fund / Fonds des leaders John-R.-Evans**  
**Backgrounder / Fiche d'information**

**Ontario**

The Canada Foundation for Innovation (CFI) Board of Directors approved a contribution of \$5,928,227 to support 35 infrastructure projects in the province. / Le conseil d'administration de la Fondation canadienne pour l'innovation (FCI) a approuvé des contributions totalisant 5 928 227 \$ en vue d'appuyer 35 projets d'infrastructure dans la province.

<b>Project Title / Titre du projet</b>	<b>Maximum CFI Contribution / Contribution maximale de la FCI</b>
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**Carleton University**

Infrastructure for Functional Genomics	\$157,600
<b>1 project / projet</b>	<b>\$157,600</b>

**Laurentian University / Université Laurentienne**

Enhanced Characterization Infrastructure for Canada Research Chair in Polymer Nanomaterials	\$83,112
<b>1 project / projet</b>	<b>\$83,112</b>

**McMaster University**

Removal of Micro-Particles in Steel Processing	\$80,000
Brain Health in Aging: Preventing Dementia Through Exercise and Developing Biomarkers for Early Detection	\$100,000
McMaster Decision Science Laboratory (McDSL)	\$100,000
Causes of Inadequate Reading Comprehension in Young Adults	\$146,416
PEDAL 2.0: Secure Data Linking to Quantify Impacts of Social Intervention	\$200,000
Infrastructure for an Immunometabolism Laboratory	\$228,301
<b>6 projects / projets</b>	<b>\$854,717</b>

**Queen's University**

Linking Current and Future Environment, Physiology, Behaviour, and Life History in Birds	\$80,000
Immune Cell Contributions to Endometrial Health and Disease	\$100,000
Engineering a Smart Microgrid Test Platform	\$400,000
<b>3 projects / projets</b>	<b>\$580,000</b>

### University of Guelph

Centre for Workers' Health and Well-being (CWHW)	\$124,933
New Tools for Automated and Non-Invasive Animal Welfare Assessment	\$115,916
<b>2 projects / projets</b>	<b>\$240,849</b>

### University of Toronto

Molecular Pathology of Cardiovascular Disease: Understanding How Gene Expression Is Perturbed in Clinical Samples	\$376,643
High Performance Muscle Metabolism Suite	\$180,830
Computational Approaches to Causal and Social Learning in Children and Animals	\$100,000
Biophysics and Evolutionary Dynamics Laboratory	\$359,660
Establishing a Knowledge Translation Centre for Identifying Inhibitors of Protein-Protein Interactions	\$399,999
Exceptional Preservation in the Fossil Record	\$51,626
Optimizing Use of Human Milk for Preterm Infants	\$50,000
Mechanisms of Anesthesia and Sleep	\$89,732
Advancing Paediatric Surgical Techniques and Childhood Nutrition Research by Utilizing Isotope-Ratio Mass Spectrometry	\$269,340
Towards an Integrated Picture of Sensory Learning in Neural Circuits	\$150,000
Cannabinoid Drug Discovery	\$192,762
From Fracture to Fluids to Combustion: Infrastructure to Understand the Implications of Hydraulic Fracturing	\$250,000
Monitoring Cancer Therapy Using Magnetic Resonance Imaging	\$375,866
Combining Brain Imaging and Genetics for Treatment Innovation in Mental Illness	\$287,849
<b>14 projects / projets</b>	<b>\$3,134,307</b>

### University of Waterloo

Infrastructure for Multisensory Laboratory	\$70,000
Equipment for Studies of Hybrid Quantum Systems of Spins and Superconductors	\$200,000
High-Performance Polymer Materials for Printed Electronics	\$70,000
<b>3 projects / projets</b>	<b>\$340,000</b>

### University of Western Ontario (The)

Infrastructure for the Analysis of Global Change Impacts on Tree and Forest Function	\$179,347
<b>1 project / projet</b>	<b>\$179,347</b>

**Wilfrid Laurier University**

Characterization of the Alternative Oxidase of Pathogenic Protists and Treatment of Human Disease	\$59,999
Structure and Function of Carbohydrate-Active Enzymes	\$114,296
Comparative Molecular Physiology Imaging Infrastructure (CoMPII)	\$60,000
<b>3 projects / projets</b>	<b>\$234,295</b>

**York University**

Infrastructure for a Nanomaterials Laboratory	\$124,000
<b>1 project / projet</b>	<b>\$124,000</b>