

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

Alberta

The Canada Foundation for Innovation (CFI) Board of Directors approved a contribution of \$5,240,972 to support 23 infrastructure projects. / Le conseil d'administration de la Fondation canadienne pour l'innovation (FCI) a approuvé des contributions totalisant 5 240 972 \$ en vue d'appuyer 23 projets d'infrastructure.

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

Athabasca University

Infrastructure for Building 3D Virtual Classrooms	\$13,422
1 project / projet	\$13,422

University of Alberta

A Laboratory to Study Novel Aspects of Neurofibromatosis Type 2 Regulation	\$138,899
Biodiversity Science and Conservation Ecology Group	\$134,731
Functional Inorganic Polymers: New Hydrogen Storage Materials and Precursors to Chemically Resistant and Insulating Nanomaterials	\$96,400
In Vivo Cellular Imaging of Brain Structure and Function in Models of Neurological and Neuropsychiatric Disease	\$399,924
Infrastructure to Support the Environmental Risk Assessment of Novel Transgenic Crops	\$260,039
Instrumentation for Nano-Particle Research	\$101,334
Microfluidics Platform for Transport Processes in Porous Media related to Energy Sector	\$89,577
Molecular Enzymology Laboratory	\$120,321
Nano/Micro-Encapsulation of Nutraceuticals and Bioactives for Functional Foods	\$168,700
Platelet-Angiogenesis Research Infrastructure for Development of Novel Angiogenesis Regulating Pharmaceuticals	\$197,275

.../University of Alberta

Post-Translational Modifications and the Proteome During Apoptosis	\$393,683
Spatial Cognition in Virtual Environments	\$127,972
12 projects / projets	\$2,228,855

University of Calgary

A Laser Scanning Facility for Rapid Three-Dimensional Measurement	\$139,525
Bioengineering Technologies for the Clinical Application of Stem Cells	\$281,631
Cell and Molecular Biology Suites for Studying Reproductive Development in Canola and Arabidopsis	\$389,415
High Power Micro Computed Tomography at the University of Calgary	\$240,611
Infrastructure for Understanding the Molecular Basis and Treatment of Cardiac Arrhythmias	\$395,519
Infrastructure for Investigation of Organic Nitrates and Reactive Halogens in Laboratory Experiments and in Ambient Air	\$379,599
Petroleum Microbiology Research Laboratory	\$193,022
Ultraperformance Liquid Chromatography - Mass Spectrometry Facility for Plant Bioproducts Analysis	\$430,539
8 projects / projets	\$2,449,861

University of Lethbridge

Memory Networks: Ensemble Recording, Functional Imaging and Neurocomputational Studies on the Biology of Memory	\$426,747
Tools for Studying DNA Damage and Repair	\$122,087
2 projects / projets	\$548,834