

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

Alberta

The Canada Foundation for Innovation (CFI) Board of Directors approved a contribution of \$5,307,356 to support 26 infrastructure projects in the province. / Le conseil d'administration de la Fondation canadienne pour l'innovation (FCI) a approuvé des contributions totalisant 5 307 356 \$ en vue d'appuyer 26 projets d'infrastructure dans la province.

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

Pancreatic Beta-cell Signalling Laboratory	\$160,000
Advanced Infrastructure for Quantifying Sources and Spatio-Temporal Variation of Greenhouse Gas Fluxes in Agroecosystems	\$289,000
Development of Cell-based and Tissue Engineered Treatments for Bone and Joint Disorders	\$162,102
Infrastructure for the Study of Normal and Accelerated Age-related Decline in Vascular Function and Hemodynamic Control	\$146,557
Infrastructure for the Pregnancy and Vascular Health Laboratory	\$223,754
University of Alberta Structural Biology Facility	\$300,000
Analysis of Vascular Structure and Function in Small Rodents	\$193,254
Interrogating Neuronal Network Dysfunction in Models of Neuropsychiatric or Neurological Disease	\$160,001
Facilitating Anti-arrhythmic Drug Discovery and Optogenetics-based Therapies	\$170,674
Nano-scale Process in Fine Particle Flotation in High Salinity Water	\$140,000
Establishment of an Ex Vivo Multi-organ Repair Center	\$121,339
Shining New Light on Motor Control: Optogenetic Exploration of Respiratory Motor Circuits In Vitro and In Vivo	\$168,120
Occupational Hygiene Research Laboratory	\$78,038
Infrastructure for Adsorptive CO2 Capture Processes	\$100,000
Molecular Interactions Analysis in Health and Disease	\$393,270
15 projects / projets	\$2,806,109

University of Calgary

Infrastructure Support for Zebrafish Vivarium and High Resolution Imaging to Study Muscular Dystrophy	\$394,192
Geomechanics of Gas Hydrates	\$224,676
Biophysical & Biomechanical Characterization of Biomaterials & Biofluids: Engineering Solutions for Health	\$251,000
Analysis Platform for Pathogen-induced Cellular Responses	\$254,373
Understanding Oil Sands Recovery Processes by using Lab-on-a-Chip Methods	\$190,000
Xenobiotic Sensing and the Regulation of Chronic Inflammation	\$105,033
Endospores, Microbial Ecology and Bioengineering	\$250,000
Intravital Imaging of Viral and Bacterial Infections	\$350,000
A Multi-functional Scanning Probe Microscope for High-resolution Physical and Chemical Characterization of Materials	\$131,973
Lymphatic Function in Health and Diseases	\$200,000
10 projects / projets	\$2,351,247

University of Lethbridge

Cryogenic Test Facility	\$150,000
1 project / projet	\$150,000