

**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 \$5,397,480 to support 25 infrastructure projects in the province. / Le conseil d'administration de la Fondation canadienne pour l'innovation (FCI) a approuvé des contributions totalisant 5 397 480 \$ en vue d'appuyer 25 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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**University of Alberta**

A Mobile Clinical Research Laboratory (MobLab) for use in Community-Based Research	\$255,521
Bio-Microfluidic Investigation of Non-Invasive Disruption of Biofilms using Electrokinetics	\$80,000
Transport in Micro/Nanoscale Environment	\$80,000
Pharmacogenetic Translational Biomarker Discovery	\$277,985
Wastewater Toxicity in Hydraulic Fracturing for Natural Gas	\$88,000
Clinical and Experimental Echocardiographic Imaging Equipment	\$192,000
Physiological and Oxygen Sensing Suite for Ex Vivo and In Vivo Studies	\$158,334
Genetic Determinants of Respiratory Syncytial Virus Pathogenesis	\$115,201
A Mitochondria Research Unit	\$400,000
Translational Research Centre to Target and Characterize Normal and Cancer Stem Cell Niches	\$190,098
Infrared Spectral Signatures of Chirality, Chirality Recognition and Ion-Neutral Reactions	\$400,000
*Intelligent Wireless Technologies	\$400,000
<b>12 projects / projets</b>	<b>\$2,637,139</b>

*\*Funding for Research Infrastructure Associated with a NSERC Industrial Chair  
Financement de l'infrastructure liée à une Chaire industrielle du CRSNG*

**University of Calgary**

Infrastructure for Next Generation High-Throughput Computational Genomics	\$116,609
Infrastructure for Nano-Scale Characterization of Materials/Structure for Energy Conversion and Storage Devices	\$216,000

## .../ University of Calgary

Establishment of an Equine Embryology Laboratory with an Emphasis on the Physiology of Early Equine Pregnancy and the Epigenetic Effects of Assisted Reproductive Techniques	\$111,835
A Facility for Innovative Hydrocarbon Energy Research	\$130,000
Prion Diseases: From Cellular Biology of Prion Infection to Novel Therapeutic Approaches	\$149,522
Multi-modal High-throughput 3D Biomedical Imaging Laboratory	\$236,307
Synovial Mesenchymal Stem Cells: Distinct Roles in Cartilage Regeneration and the Pathogenesis of Osteoarthritis	\$271,524
Thermodynamics Laboratory for Applied High-pressure Sour Fluids Research	\$273,800
Integrated Metagenomics for Energy Bioengineering	\$399,205
Investigating Nanoparticle/Polymer Interactions for Novel Materials Design & Heavy Oils Treatment Via Confocal Rheology	\$150,000
Characterization of the in Vivo Pulmonary Immune System in Mice through the Development of Novel Surgical and Advanced Imaging Technologies	\$356,669
<b>11 projects / projets</b>	<b>\$2,411,471</b>

## University of Lethbridge

An Integrated System for High Resolution Terradynamic 3D Imaging	\$233,670
Imaging the Universe in the Far-Infrared	\$115,200
<b>2 projects / projets</b>	<b>\$348,870</b>