

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

**Alberta**

The Canada Foundation for Innovation (CFI) Board of Directors approved a contribution of \$3,344,598 to support 15 infrastructure projects. / Le conseil d'administration de la Fondation canadienne pour l'innovation (FCI) a approuvé des contributions totalisant 3 344 598 \$ en vue d'appuyer 15 projets d'infrastructure.

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

A Transgenic Zebrafish Facility to Study Prion Proteins, Neurodegenerative Disease and Photoreceptor Regeneration	\$82,513
Airborne Electromagnetic Sea Ice Thickness Sensor	\$100,000
Comprehensive Multidimensional Gas Chromatography - Time-of-Flight Mass Spectrometry Facility for Advanced Research in Gas-Phase Separation Science	\$120,000
Development of a Cell Biotechnology Suite to Evaluate Functional Feeds and Their Impact on Animal Immunity and Health	\$168,214
Development of a Comprehensive Platform for the Value-Added Utilization of Poultry Products	\$120,000
Integrating Development, Genetics, and Phylogenetics to Understand Mechanisms Underlying Diversity in Important Fruit and Floral Traits of Plants	\$120,734
New Imaging Technologies to Study Immune Receptors at the Single Molecule Level	\$275,753
Quantitative Photoacoustic Imaging Technology Development	\$135,000
<b>8 projects / projets</b>	<b>\$1,122,214</b>



### University of Calgary

A Microbiological Culture and Biochemistry Laboratory for Carbohydrate Research	\$350,984
Functional Genomics Laboratory for Deciphering Gene-Regulatory and Genetic-Interaction Networks	\$474,745
Laboratory for Computational Structural Biology: Theoretical Gateway to Molecular Origins of Selective Ligand Binding to Membrane Proteins	\$194,352
Laboratory for Passive Seismic Imaging of Earth Processes	\$323,236
Obesity Research Laboratory	\$456,278
Scientific Computing Infrastructure for CO2 Injection Enhanced Oil Recovery	\$388,752
<b>6 projects / projets</b>	<b>\$2,188,347</b>

### University of Lethbridge

Women and Exercise: Infrastructure for Understanding a Complex Integrative Physiology	\$34,037
<b>1 project / projet</b>	<b>\$34,037</b>