

## 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 \$5,195,365 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 5 195 365 \$ en vue d'appuyer 25 projets d'infrastructure dans la province.

Project Title / Titre du projet	Maximum CFI Contribution / Contribution maximale de la FCI
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### **Athabasca University**

Magnetic Aurora Monitoring in AB/SK with Magnetotellurics in Athabasca	\$38,061
<b>1 project / projet</b>	<b>\$38,061</b>

### **University of Alberta**

Molecular Microbial Ecology of Food and its Impact on Food Safety and Quality	\$146,218
Building Molecular Biogeochemistry Capacity at the University of Alberta	\$184,542
Pregnancy Complications and Developmental Origins of Cardiovascular Dysfunction in Offspring	\$260,324
Scalable Data Analytics and Visualization Portal for the Canadian Long-term Care Sector	\$328,911
Femtosecond Resolution Testing Infrastructure	\$80,000
Infrastructure to Study Individual Cellular Responses as it Relates to Human Disease	\$371,298
Biophysical Equipment to Measure Complex Molecular Interactions in Solution	\$295,001
Integrated System to Characterize Soils, Tailings & Atmospheric Fluxes to Reclaim Disturbed Lands from Mining Operations	\$192,277
Infrastructures for Probing Interfacial Properties, Intermolecular and Surface Interaction Mechanisms	\$210,000
Laboratory for Atmospheric Multiphase Chemistry: Formation and Evolution of Pressing Air Pollutants	\$178,918
<b>10 projects / projets</b>	<b>\$2,247,489</b>

## University of Calgary

Heterogeneous Neuro-glia Communication in the Healthy and Inflamed Brain	\$600,000
Molecular Profiles of Brain Tumors at Single-cell Resolution	\$74,900
Mechanisms of Diabetes-related Cardiovascular Disease Throughout the Lifespan	\$259,984
Automation and Sequencing Infrastructure to Study the Genetic Basis of Health and Fitness Variation in Wild Animals	\$80,000
Catalysis Infrastructure for Sustainable Synthesis of High Value Fuels and Feedstock	\$200,000
Using Marine Heat Flow Measurements to Develop the First Hydrogeologic Model of a Submarine Strike-slip Fault System	\$164,225
Advanced Multi-modal Imaging to Understand Bone's Adaptation to Mechanical Load and Chronic Disease	\$381,409
Development of Novel and Sustainable Strategies for Securing Food Safety from Farm to Folk	\$85,000
Study and Discovery of Solid-state Platforms Suitable for Future Quantum Technologies	\$270,000
Disaster Management and Emergency Response with Intelligent, Autonomous Aerial Systems	\$136,098
The Space Weather Adaptive Network (SWAN): Enabling Space Weather Science with Targeted Sensor Fusion in Canada's North	\$275,000
High Throughput Analysis and Purification to Enable Molecular Advances in Medicines and Materials for Clean Energy	\$120,000
Engineering Materials and Manufacturing Processes for a Low-carbon Economy	\$175,000
<b>13 projects / projets</b>	<b>\$2,821,616</b>

## University of Lethbridge

State-of-the-art Vivarium of the New Science and Academic Building	\$88,199
<b>1 project / projet</b>	<b>\$88,199</b>

### NOTE:

As part of this announcement, an additional \$1,558,609 was awarded under the Infrastructure Operating Fund (IOF), a mechanism that assists institutions with the incremental operating and maintenance costs associated with the new infrastructure.

### À NOTER :

Cette annonce comprend l'attribution d'une somme additionnelle de 1 558 609 dollars du Fonds d'exploitation des infrastructures. Les établissements utilisent ces montants pour assumer une partie des coûts d'exploitation et de maintenance de la nouvelle infrastructure.