

**Fonds des leaders John-R.-Evans  
Fiche d'information**

**Alberta**

Le conseil d'administration de la Fondation canadienne pour l'innovation (FCI) a approuvé des contributions totalisant 6 964 180 \$ en vue d'appuyer 29 projets d'infrastructure dans la province.

Titre du projet	Contribution maximale de la FCI
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**University of Alberta**

Modelling Retinal Degeneration in African Clawed Frog	251 220 \$
Functional Analysis of Cellular Mechanisms using Live cell Time-lapse Confocal Microscopy	260 615 \$
Advanced Behavioural and Production Management Research in the Built Environment using Digital and Robotic Technology	118 175 \$
Advancing Health Equity and Reducing Drug-related Harm through Health Systems Innovation Research	82 209 \$
Integrated Quadruped Robotic Sensing System (IQRSS) for Efficient Monitoring and Management of Critical Infrastructure	179 958 \$
Smart Radio Environments based on IoT, 5G and Beyond (B5G)	160 000 \$
DARC Natural Language Processing for Precision Health	290 945 \$
Infrastructure for Advancing Bio-robotics: Towards Robotic Motor Function Assessment and Optimal Personalized Therapy	151 357 \$
Infrastructure to Measure Behaviour and Track Brain Transcription Activity in Drosophila	211 174 \$
Innovation in Multimodal Imaging to Interrogate Blood Flow, Function, and Metabolism in the Nervous System	663 058 \$
ISERF – Induced Seismic Experimental Research Facility	134 329 \$
Portable Photosynthesis and Gas Analysis System for Innovative Plant-soil-microbial Research	116 478 \$
Infrastructure for Renewable and Sustainable Biomaterials	318 082 \$
<b>13 projets</b>	<b>2 937 600 \$</b>

**University of Calgary**

Resilient and Innovative Materials and Structures (RIMS) for Sustainable Infrastructure	150 000 \$
Designing and Evaluating Novel eXtended Reality User Interfaces for Effective Multi-user Social Interactions	150 000 \$
The Role of Secretory Autophagy in Age-related Chronic Respiratory Disease	250 000 \$
Novel Biplane Fluoroscopy Methods to Advance Knowledge on How Joint Motion and Loads Affect Musculoskeletal Disease	270 669 \$

# INNOVATION

Canada Foundation for Innovation    Fondation canadienne pour l'innovation

Evaluation of Phenotypes Towards Elucidating Clinical Stability and Acute Pulmonary Exacerbations in Bronchiectasis	263 500 \$
Effect of Different Types of Exercise on Brain Health: Role of Biological Sex and Age	75 001 \$
Ultra High Resolution Multiplex Imaging of the Breast Tumor Microenvironment at the Single Cell Level	470 986 \$
The Impact of Early Life Events on Longterm Imprinting of Humoral Immune Homeostasis	250 000 \$
Intravital Imaging of Bacterial Pathogenesis	467 600 \$
Investigating Links Between Physical Activity and Health Among Small-scale Subsistence Societies	174 908 \$
Integrating Synthetic Microbiology and Materials Engineering to Redefine Biocompatibility at the Host-microbe Interface	120 000 \$
Cells to Behaviours: An Integrated Platform for Preclinical Research on Neurodevelopmental Conditions	84 000 \$
Building Diamond-based Quantum Devices for Sensing and Communication	400 000 \$
Indigenous Interdisciplinary Land-based Research	449 916 \$
Research hub for Allogeneic Cell Therapy	300 000 \$
Intelligent Navigation and Mapping System for Autonomous Driving	150 000 \$
<b>16 projets</b>	<b>4 026 580 \$</b>

## À NOTER :

Cette annonce comprend l'attribution d'une somme additionnelle de 2 089 254 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.