

**Regional Backgrounder / fiche d'information par région  
New Opportunities Fund / Fonds de relève**

**Province: Alberta**

**The following 12 projects were approved in the province of Alberta totalling \$2,488,410. / Les 12 projets suivants ont été approuvés dans la province de l'Alberta totalisant 2 488 410 \$.**

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

Protein production and crystallisation facility for structural biology research	\$284,750
Motor training and intraspinal microstimulation to promote functional recovery after spinal cord injury	\$428,104
Flow Map Particle Image Velocimetry (PIV)/Particle Laser-Induced Fluorescence (PLIF) System for Conducting Whole-Field Flow Hydrodynamics Measurements in Two-Phase Flows	\$86,365
Manufacturing, Modeling and Control of Solid Oxide Fuel Cells	\$282,547
Microinterfacial and Micromechanical Facilities	\$127,210
Infrastructure for Flow-Surface Interaction Laboratory	\$217,415
Infrastructure for Establishing an Information Research Laboratory	\$140,000
<b>7 projects / projets</b>	<b>\$1,566,391</b>

**University of Calgary**

Development of a Wireless Network Testbed	\$200,000
A zebrafish facility for genetic studies of blood vessel development	\$179,985
Generation of a Cross-Species Gene Transfer Facility to Study Gene Function in the Vertebrate Telencephalon	\$182,432
Laboratory of Human Cerebrovascular Physiology	\$219,002
Instrumentation for Ultra Precision Dynamic Identification, Optimization and Prototyping of Microsystems Technology and Nanotechnology Based Devices	\$140,600
<b>5 projects / projets</b>	<b>\$922,019</b>