

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

Province : Alberta

The following 21 projects, totalling \$3,688,900, were approved in the province of Alberta. / Les 21 projets suivants totallisant 3 688 300 \$ont été approuvés dans la province de l'Alberta.

Project Title / Titre du projet	Maximum CFI Contribution / Contribution maximale de la FCI
---------------------------------	---

Athabasca University

Accessibility to Education Using Learning Objects: Implementing the semantic web with advanced development & testing of applications using matadata promoting interoperability among repository networks	\$254,900
1 project / projet	\$254,900

University of Alberta

Laboratory for the Basic Study and Application of Mammalian Cell Desiccation	\$153,560
ODEPR System for Novel Studies of Semiconducting Materials	\$200,000
UV Disinfection Process Research Laboratory	\$110,633
Three-dimensional Visualization Laboratory for In-Situ Oil/Gas Reservoir Production Optimization	\$339,955
Molecular Biopharmaceutics, Drug Metabolism and Pharmacokinetics Facility	\$196,974
A fluid inclusion chlorine isotope laboratory for Canada	\$97,586
Interdisciplinary Multimedia Research Centre	\$119,947
Paleomagnetism - a method of geohistorical forecasting	\$216,000
Cellular and Systems Neurobiology and Behaviour Laboratory	\$256,000
Nano-Designed Materials through Structural Chemistry	\$121,624
Aquaculture, invasion biology and conservation: An innovative approach to promoting and conserving Canada's aquatic and marine resources	\$102,158
Environmental chemistry and fate of emerging chemicals of concern	\$219,310
Modeling Fluid and Heat Flow in Fractured/Porous Media	\$77,500

Development of a Real-Time Digital Simulation and Control Laboratory for Innovative Research in Power Engineering	\$198,180
The role of Rho and Rab GTPases in the regulation of membrane fusion	\$150,128
Proteomic analysis of the cardiovascular system in hypertension	\$147,082
Nanostructured thin film deposition facility	\$163,326
17 projects / projets	\$2,869,963

University of Calgary

In-vivo high resolution computed tomography centre for bone and joint injury research	\$218,741
Dynamic testing facility for masonry structures	\$157,690
Laboratory for Environmental Catalytic Applications	\$187,006
3 projects / projets	\$563,437