

2005 Springboard Proof of Concept Fund Awards (10)

Institution	Researcher	Title of Invention	Amount Awarded
Acadia University	Craig Bennett	Process for Commercial Fabrication of Improved Ni-Mn-Ga Magnetic Shape Memory Alloys	\$20,000
Acadia University	John Murimboh	A novel microscale <i>in situ</i> sampling device for monitoring trace metals in natural waters	\$20,000
Dalhousie University	Dr. Biman Das	Ergonomic Wheelchair Design	\$20,000
Dalhousie University	Dr. Geoffrey Maksym	Forced Oscillation Device for Airway Function Assessment	\$20,000
Memorial University of Newfoundland	Dr. Ya-Gang Xie	A Method for the Detection of Risk Factors Associated with Myocardial Infarction	\$20,000
St. Francis Xavier University	Michael Steinitz	Oil Pipeline Leakage Sensor	\$20,000
Université de Moncton	Habib Hamam	Machine and Internet Access through Movements	\$20,000
Université de Moncton	Jamel Ghouili	Optimization of an electric traction system using fuel cells and supercapacitors	\$19,985.07
University of New Brunswick	Dr. Ghislain Deslongchamps	Development of Chemistry Flashware Products	\$20,000
University of New Brunswick	Dr. Paul Arsenault	Backscatter Computed Tomography	\$19,935

\$199,920

2005 Springboard Patent and Legal Fund Awards (12)

Institution	Researcher	Title of Invention	Amount Awarded
Dalhousie University	Dr. Biman Das	Ergonomic Wheelchair Design	\$10,000
Dalhousie University	Drs. Chris Taggart & Barry Ruddick	Use of Magnetically Attracted Particles & Magnetic Particle Collectors	\$10,000
Dalhousie University	Dr. Geoffrey Maksym	Forced Oscillation Device for Airway Function Assessment	\$10,000
Mount Allison University	Douglas Campbell	Peptide Sequence Tags and Method of Using Same	\$10,000
Mount Allison University	S.A. Westcott	Method and Preparing Main Group Boryl Compounds	\$10,000
Memorial University of Newfoundland	Dr. Ya-Gang Xie	A Method for the Detection of Risk Factors Associated with Myocardial Infarction	\$10,000
Nova Scotia Agricultural College	Gefu Wang-Pruski	Genes and proteins in potato and their relationship to potato after-cooking darkening (ACD)	\$8,000
Nova Scotia Agricultural College	Gefu Wang-Pruski	Cinnamic acid-4-hydroxylase (C4h)	\$8,000
St. Francis Xavier University	David Risk, et al.	Roller-type laboratory sample mill and homogenizer	\$10,000
Université de Moncton	Priscille Massé	CB6Pro: a formula for prevention and treatment of osteopenia as an alternative to pharmaceuticals	\$10,000
University of New Brunswick	Paul Arsenault	Backscatter Computed Tomography	\$9,138.42
University of New Brunswick	Travis Maxwell	Supervised/Trained Segmentation for Object-Oriented Classification	\$10,000