

NSERC Grants and Scholarships/ Subventions et bourses du CRSNG

From/De: 04/01/2007 To/À: 06/31/2007

Name/ Nom	Institution/ Établissement	Department/ Département	Province	Country/ Pays	Date	Instalments/ Versements	Total \$/ \$ Total	Program/ Programme	Title/ Titre	Comments/ Commentaires
Standing, Kenneth	University of Manitoba	Physics & Astronomy	Manitoba	CANADA	20/04/2007	5	250,000	Brockhouse Canada Prize for Interdisciplinary Research in Science and Engineering/ Prix Brockhouse du Canada pour la recherche interdisciplinaire en sciences et en génie	Brockhouse Prize	
Alie, Colin	University of Waterloo	Chemical Engineering	Ontario	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	A framework for assessing the greenhouse gas mitigation options for the electricity	
Avramescu, Mary-Luyza	University of Ottawa/ Université d'Ottawa	Biology	Ontario	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Abiotic factors influencing methylation and demethylation of mercury in freshwater systems including the artic	
Banerjee, Satindranath Mishtu	University of Calgary	Computer Science	Alberta	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Maxine: Co-evolving network security	
Beckett, Angela	University of British Columbia	Pathology and Lab Medicine	British Columbia/ Colombie-Britannique	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Genetic approaches to characterize mammary stem and progenitor cells	
Begum, Momotaz	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	02/05/2007	2	75,833	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	The mind of a humanoid robot: a probabilistic model for autonomous cognitive development	
Benjillali, Mustapha	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunication - Montréal	Québec	CANADA	02/05/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Conception de schemas avances pour la combinaison de paquets dans les systemes de communications sans-fil	
Bernier, Martin	Université Laval	Physique, génie physique et optique	Québec	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Composants à fibre optique micro/nanostructurés par laser femtoseconde	

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Besner, Sébastien	École Polytechnique de Montréal	Génie physique	Québec	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Synthèse mixte de nanparticules de type cœur-couronne alliant la synthèse chimique et la manipulation laser pour des applications en imagerie biomédicale et le traitement du cancer	
Biegler, Franziska	University of Western Ontario	Computer Science	Ontario	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Descriptional complexity in parallel and concurrent processes	
Biglar Begian, Mohammad	University of Waterloo	Mechanical Engineering & Mechatronics	Ontario	CANADA	02/05/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	POSTgraduate scholarships pgs-cgsd	
Charpentier, Sophie	Université de Sherbrooke	Physique	Québec	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Etude de jonctions josephson verticales a base de superconducteurs a haute temperature critique: paires preformees dans le regime pseudogap?	
Châtelain, Benoît	McGill University	Electrical & Computer Engineering	Québec	CANADA	02/05/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Passive optical network design for wide-area networks	
Cormier, Jaymi	University of Calgary	Biomedical Engineering	Alberta	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Tissue engineered bone for the enhancement of fracture healing	
Couët, Frédéric	Université Laval	Génie des mines, métallurgie et matériaux	Québec	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Système de contrôle intelligent d'un bioreacteur a perfusion pour la regeneration du tissu vasculaire a partir d'une structure d'échafaudage mecano- compatible collagène/soie	
Croll, Andrew	McMaster University	Physics and Astronomy	Ontario	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Interfaces in polymeric materials	

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Danci, Adela	Simon Fraser University	Biological Sciences	British Columbia/ Colombie- Britannique	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Do bioacoustic signals mediate early mate and host recognition in (hyper)parasitic wasps?	
Daoud, Jamal	McGill University	Biomedical Engineering	Québec	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Non-invasive online monitoring of the pancreatic islets regeneration through novel 3D scaffold and bioreactor design.	
Davey, Marie	University of Alberta	Biological Sciences	Alberta	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	The taxonomy, systematics, and ecology of bryophilous fungi	
Diaconescu, Emilia Paula	Université du Québec à Montréal	Sciences de l'environnement, Institut des	Québec	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	L'application de la technique des vecteurs singuliers dans l'étude de la variabilité interne d'un modèle régional du climat	
Dickie, Erin	McGill University	Neurology and Neurosurgery	Québec	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Genetic influences on the neural correlates of fear perception	
Doxey, Andrew	University of Waterloo	Biology	Ontario	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	New computational methods for protein function analysis and application to pathogenesis and stress related proteins	
Febria, Catherine	University of Toronto	Ecology & Evolutionary Biology	Ontario	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Molecular and microbial analyses of hyporheic zones in stream ecosystems	

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Fournier-Viger, Philippe	Université du Québec à Montréal	Informatique	Québec	CANADA	02/05/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Un modèle de représentation de connaissances qui combine des standards et des méthodologies de la formation en ligne classique à d'autres issues du domaine des systèmes tutoriels intelligents	
Gandhi, Nilima	University of Toronto	Chemical Engineering & Applied Chemistry	Ontario	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Improvement of characterization factors in life cycle impact assessment of metals' fate, exposure and ecotoxicity	
Gertsvolf, Marina	University of Ottawa/ Université d'Ottawa	Physics	Ontario	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Controlled material modification in transparent dielectrics by femtosecond laser pulses	
Goksel, Orcun	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Modeling and fast simulatio of soft tussue with application to Brachytherapy	
Gongal, Patricia	University of Alberta	Biological Sciences	Alberta	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Mechanism of patterning in the vertebrate forebrain	
Griener, Thomas	University of Calgary	Microbiology & Infectious Diseases	Alberta	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Globotriaosylceramide(gb 3)-independent interaction of enterohemorrhagic escherichia coli shiga toxins	
Heppell, Benoit	Université de Sherbrooke	Biologie	Québec	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Étude du riborégulateur S- adénosyl méthionine.	
Hu, Yan	University of Victoria	Earth and Ocean Sciences, School of	British Columbia/ Colombie-Britannique	CANADA	13/06/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Mechanics of submarine wedges in great subduction zone earthquake cycles	

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Hudgins, Jillian	University of New Brunswick	Geology	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Deep-level metamorphic rocks from the moon	
Jankovic, Jasna	University of British Columbia	Chemical and Biological Engineering	British Columbia/ Colombie- Britannique	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Novel intermediate temperature ceramic based proton electrolyte membrane fuel cells (C- PEMFC)	
Jiang, Xin (Albert)	University of British Columbia	Computer Science	British Columbia/ Colombie- Britannique	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Compact representations of games and their applications	
Kalenchuk, Katherine	Queen's University	Geological Sciences and Geological Engineering	Ontario	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Multi-dimensional analysis of large, complex slope instability	
Keats, William	University of Waterloo	Mechanical Engineering & Mechatronics	Ontario	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Source determination in built-up environments Bayesian inference	
Kedarisetti, Kanaka Durga	University of Alberta	Electrical & Computer Engineering	Alberta	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Exploring protein misfolding in-silico: application to prion diseases	
Kelouwani, Sousso	École Polytechnique de Montréal	Génie électrique	Québec	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Interface intelligente pour handicapés cognitifs ou moteurs	
Kim, Anthony	University of Toronto	Medical Biophysics	Ontario	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Breast cancer diagnosis using optical spectroscopy: an attractive alternative to tissue extraction biopsy	
Krause, Kathleen	University of Alberta	Electrical & Computer Engineering	Alberta	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Fiber optic nanostructured sensor devices	
Lafrance, Marc	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Development of a direct animation reaction	

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Lam, Kevin	Simon Fraser University	Biological Sciences	British Columbia/ Colombie- Britannique	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Function, mode of action, transmission, and adaptive signifiance of bacteria associated with house fly eggs	
Léveillé, Simon	McGill University	Microbiology and Immunology	Québec	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Characterization of the interferon response indiced by the oncolytic reovirus	
Levy, Andrew	University of Waterloo	Kinesiology	Ontario	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Influence of nitric oxide bioavailability on coronary artery vasomotion	
Lin, Christopher	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	18/04/2007	1	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Synthesis controlled pore sizes for titanium silicate molecular sieve adsorbents and their applications to the purification of natural gas and hydrocarbon products	
Lin, Xiaodong	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	NSERC Scholarship 2006	
Lin, Yuxia	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie- Britannique	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Cross-layer design in MAC and network protocols for wireless access networks	
Linnerth, Nicolle	University of Guelph	Biomedical Sciences	Ontario	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	IGF-IR overexpression induces lung cancer in transgenic mice	
Liu, Jingxian	University of Toronto	Physics	Ontario	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Long-range transport of continental pollution to the tropics	
MacGougan, Glenn	University of Calgary	Geomatics Engineering	Alberta	CANADA	02/05/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Indoor wireless navigation for low-cost personal devices	

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Manske, Sarah	University of Calgary	Kinesiology, Faculty of	Alberta	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Growth, mechanical loading and bone: interactions between high- frequency loading and voluntary exercise	
Meerja, Khalim Amjad	University of Western Ontario	Electrical and Computer Engineering	Ontario	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Design and analysis of efficient MAC and corss- layer schemes for providing quality of service in wireless local area networks	
Metcalfe, Jessica	University of Western Ontario	Earth Sciences	Ontario	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Late pleistocene terrestrial climates in north america: multiple stable isotope proxies from mammoth and mastodon bones and teeth	
Meyer, Christopher	University of Waterloo	Biology	Ontario	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Suberin biosynthesis in roots of Iris germanica	
Monfette, Sébastien	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Exploring the versaltility of ruthenium olefin metathesis catalysts containing pseudohalide ligands	
Moss, Laurent	École Polytechnique de Montréal	Génie informatique	Québec	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Profilage, caractérisation et partitionnement fonctionnel dans une plate- forme de conception de systèmes embarqués	
Neethirajan, Sureshraj	University of Manitoba	Biosystems Engineering	Manitoba	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Design, fabrication and evaluation of carbon dioxide and odour sensors for grain quality monitoring	
Ngu, Thanh	University of Western Ontario	Chemistry	Ontario	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Biolnorganic Chemistry of Arsenic	

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Opapeju, Florence	University of Manitoba	Animal Science	Manitoba	CANADA	02/05/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Gut health and function in weaned pigs fed low protein amino acid- supplemented diets	
Parks, Scott	University of Alberta	Biological Sciences	Alberta	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Cellular mechanism of ion transport in gill mitochondria rich (mr)cells	
Pelletier, Nathaniel	Dalhousie University	Graduate Studies, Faculty of	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Life cycle measures of sustainability for lalternative aquaculture production technologies	
Phillips, Joel	McGill University	Mathematics and Statistics	Québec	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Compatible finite elements on non- simplicial meshes	
Praetorius, Jeremy	Queen's University	Chemistry	Ontario	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Kinetic investigation of the hydroformylation of alkenes by rhodium n- heterocyclic carbene compounds	
Reichert, Todd	University of Toronto	Aerospace Studies, Institute for	Ontario	CANADA	02/05/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Optimization of flapping- wing kinematics for multi- joint, biomimetic wings operating through a range of locomotive gaits	
Reimer, Michael	University of Waterloo	Physics and Astronomy	Ontario	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Time-dependent polarization effects in optical communications	
Robert, Mathieu	Université de Sherbrooke	Génie civil	Québec	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Technologies des nanocomposites en génie civil	
Rosa, Eric	Université du Québec à Montréal	Sciences de la terre et de l'atmosphère	Québec	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Traçage isotopique et modélisation couplée des cycles de l'eau et du carbone des grands bassins versants de l'est canadien (saint-laurent, baie d'hudson et labrador)	

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Rouleau, Léonie	McGill University	Chemical Engineering	Québec	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Endothelial cell response to physiological mechanical stimuli in realistic geometries.	
Rudolph, Alena	University of Toronto	Chemistry	Ontario	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Synthesis of heterocycles via a palladium-catalyzed domino alkylation- alkenylation sequence	
Salonga, Jason	University of Toronto	Civil Engineering	Ontario	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Innovative systems for arch bridges using high strength concrete	
Saunders, Megan	Dalhousie University	Oceanography	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Population dynamics of an introduced marine invertebrate	
Shaker, George	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	13/06/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Miniaturized integrated antennas and wave processing structures for next generation communication devices	
Shamim, Atif	Carleton University	Electronics	Ontario	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Wireless biomedical low temperature co-fired ceramics (LTCC) system in package (SiP)	
Shan, Song Qing	University of Manitoba	Mechanical & Manufacturing Engineering	Manitoba	CANADA	18/04/2007	2	87,500	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Optimization strategies for large-scale computation-intensive engineering design problems	
Syyong, Harley Thomas	University of British Columbia	Anesthesia	British Columbia/ Colombie- Britannique	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	The mechanism and ultrastructural basis of calcium waves in rat basilar artery.	
Taylor, Rocky	Memorial University of Newfoundland	Engineering & Applied Science, Faculty of	Newfoundland and Labrador/ Terre- Neuve-et-Labrador	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Investigation and modeling of ice fracture in offshore engineering applications	

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Temmel, Nyssa	University of British Columbia	Botany	British Columbia/ Colombie-Britannique	CANADA	18/04/2007	4	116,666	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	How does gender evolve? Identifying the genes involved in gender differentiation in <i>Populus trichocarpa</i> .	
Teskey, Wesley	University of Calgary	Geomatics Engineering	Alberta	CANADA	02/05/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Micro-fabrication of a precision six-degree-of-freedom and vibration measurement instrument	
Tremblay, Pier-Emmanuel	Université de Montréal	Physique	Québec	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Élargissement par effet stark des raies spectrales dans les étoiles naines blanches	
Trifkovic, Milana	University of Western Ontario	Chemical and Biochemical Engineering	Ontario	CANADA	13/06/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Application of optimal control and the fuzzy logic control in the pharmaceutical and chemical industry	
Truchon, Jean-François	Université de Montréal	Chimie	Québec	CANADA	13/06/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Élaboration d'un champ de force polarisable à partir de l'équation de poisson: théorie paramétrisation pour l'ensemble de la chimie organique et application	
Turnbull, Julie	University of Toronto	Molecular and Medical Genetics	Ontario	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Dissecting the pathogenesis of lafora disease	
Valyear, Kenneth	University of Western Ontario	Clinical Neurological Sciences	Ontario	CANADA	18/04/2007	3	105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Making use of objects: understanding the nature of tool use representations in the human brain	
Wang, Yongjin	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	ECG based biometric authentication in combination with cryptology	
Ward, Jessica	McGill University	Biology	Québec	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Community-level effects of non-indigenous aquatic animals	

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Wong, Erick	University of British Columbia	Mathematics	British Columbia/ Colombie-Britannique	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Combinatorial properties of binary quadratic forms	
Zhang, Jie	University of Waterloo	Computer Science, School of	Ontario	CANADA	18/04/2007	2	70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	An incentive-compatible mechanism for eliciting fair ratings to sellers in E- marketplaces	
Abolmaesumi, Purang	Queen's University	Computing, School of	Ontario	CANADA	20/04/2007	3	146,415	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Real-time ultrasound guided percutaneous pain management	
Burrows, Lori	McMaster University	Biochemistry and Biomedical Sciences	Ontario	CANADA	20/04/2007	3	134,500	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Development of novel NO- releasing biomaterials for the prevention of biofilm- associated infections	
Côté, Daniel	Université Laval	Physique, génie physique et optique	Québec	CANADA	20/04/2007	3	251,500	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Coherent raman tissue spectroscopy for in vivo disease diagnosis	
Faucheux, Nathalie	Université de Sherbrooke	Génie chimique	Québec	CANADA	20/04/2007	3	325,400	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Responses of bone cells to biomaterials	
Feldman, Anatol	Université de Montréal	Physiologie	Québec	CANADA	20/04/2007	3	161,151	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Translating basic knowledge about motor control to applications for motor recovery after CNS lesions	
Griffith, May	University of Ottawa/ Université d'Ottawa	Cellular and Molecular Medicine	Ontario	CANADA	20/04/2007	3	208,727	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Novel biomaterials and photocages with anti-viral activity for transplantation	
Guardo, Robert	École Polytechnique de Montréal	Génie électrique	Québec	CANADA	20/04/2007	3	154,500	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Epileptogenic zone localization by concurrent electroencephalography and electrical impedance tomography	

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Kallos, Michael	University of Calgary	Chemical and Petroleum Engineering	Alberta	CANADA	13/06/2007	3	240,538	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Bioreactor production of human embryonic stem cell derived osteoblasts and chondrocytes	
Karim, Karim	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	20/04/2007	3	211,080	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Selective photon counting semiconductor pixel array for real-time imaging of 103-palladium seed in permanent breast seed implantation	
Kohandel, Mohammad	University of Waterloo	Applied Mathematics	Ontario	CANADA	20/04/2007	3	214,458	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Dynamics of multi-modal anti-angiogenic, anti-vascular, and cytotoxic therapies: Potential for significant clinical impact	
Santerre, Paul	University of Toronto	Dentistry, Faculty of	Ontario	CANADA	20/04/2007	3	212,046	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Biomaterial concepts for cardiovascular tissue regeneration	
Shoichet, Molly	University of Toronto	Chemical Engineering & Applied Chemistry	Ontario	CANADA	20/04/2007	3	285,270	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Tissue engineered retina	
Smit, John	University of British Columbia	Microbiology and Immunology	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	215,180	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Cancer therapy employing the tumour suppressing bacterium <i>Caulobacter crescentus</i>	
Sun, Yu	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	20/04/2007	3	198,800	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	MEMS-based closed-loop drug delivery devices integrating stimulus-responsive nano hydrogels: Design, fabrication, and testing	
Wang, Rizhi	University of British Columbia	Materials Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	296,160	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Novel antimicrobial surfaces for orthopaedic applications	

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Ahmadi, Majid	University of Windsor	Electrical Engineering	Ontario	CANADA	13/06/2007	2	47,926	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	A computer vision-based quality process controller for pharmaceutical products (CM00014)	
Ballivy, Gérard	Université de Sherbrooke	Génie civil	Québec	CANADA	11/05/2007	3	200,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Développement et validation de méthodologies de mesure de la résistance au cisaillement de discontinuités dans les ouvrages hydrauliques en service	
Boyd, Nathan	Nova Scotia Agricultural College	Environmental Sciences	Nova Scotia/ Nouvelle-Écosse	CANADA	11/05/2007	3	123,043	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Integrated approaches to weed management for lowbush blueberry	
Chandra, Sanjeev	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	11/05/2007	2	59,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Application of epoxy coatings on the insides of water pipes	
Classen, Henry	University of Saskatchewan	Animal and Poultry Science	Saskatchewan	CANADA	20/04/2007	3	102,122	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Improving welfare for beak trimmed hens through reducing variability and technology transfer	
Comeau, Yves	École Polytechnique de Montréal	Génies Civil, géologique et des mines	Québec	CANADA	13/06/2007	5	628,102	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Faible production de boues en bioréacteur à membranes	
Daniels, Lori	University of British Columbia	Geography	British Columbia/ Colombie-Britannique	CANADA	13/06/2007	3	180,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Temporal dynamics of large woody debris in the Foothills of Alberta	
Demopoulos, George	McGill University	Mining, Metals & Materials Engineering	Québec	CANADA	13/06/2007	2	93,214	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Iron precipitation and HCl recovery from MgCl ₂ - based leaching media	

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Deschênes, Claire	Université Laval	Génie mécanique	Québec	CANADA	13/06/2007	4	560,379	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Consortium canadien de R&D sur les turbines hydrauliques axiales	
Diamond, Miriam	University of Toronto	Geography	Ontario	CANADA	11/05/2007	3	125,315	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	LCIA for Metals: Improving toxicity characterisation factors and applying it to the Canadian environmental context	
Erb, Uwe	University of Toronto	Materials Science and Engineering	Ontario	CANADA	20/04/2007	3	180,016	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Electroformed nanomaterials - A unique near-net-shape metal production process	
Fréchette, Luc	Université de Sherbrooke	Génie mécanique	Québec	CANADA	13/06/2007	4	276,060	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Piezoelectric vibration energy harvesters for wireless sensory networks in automobiles	
Gole, Aniruddha	University of Manitoba	Electrical and Computer Engineering	Manitoba	CANADA	20/04/2007	3	200,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Connection of kinetic turbines to remote electric grids	
Gomis, Susantha	University of Saskatchewan	Veterinary Pathology	Saskatchewan	CANADA	13/06/2007	3	140,600	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Prevention of Inclusion Body Hepatitis in broiler chickens by vaccinating their parents	
Gong, Guang	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	11/05/2007	2	25,391	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Data encryption integrated with integrity check and aggregation query	
Gorbet, Robert	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	20/04/2007	3	83,229	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Modelling and control of shape memory alloy actuators for automotive applications	
Green, Sheldon	University of British Columbia	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	4	143,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Forming fabric flow in three dimensions	

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Haeryfar, Seyed Mohammad Mansour	University of Western Ontario	Microbiology and Immunology	Ontario	CANADA	20/04/2007	2	62,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	The effect of bovine lactoferrin on virus - and tumor-specific CD8+ Tcell responses in vivo	
Hung, Patrick	University of Ontario Institute of Technology	Business and Information Technology, Faculty of	Ontario	CANADA	20/04/2007	2	144,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Privacy access control enforcement model for mobile ad hoc healthcare services	
Jacobsen, Hans-Arno	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	3	145,090	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Managing service level agreements in distributed systems	
Jullien, Graham	University of Calgary	Electrical & Computer Engineering	Alberta	CANADA	13/06/2007	3	195,770	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Integrated Systems for High Performance Signal Processing	
Karray, Fakhreddine	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	13/06/2007	4	285,142	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Soft Computing Based Information Retrieval and Search in Audio Data Stream	
Klein, Bernhard	University of British Columbia	Mining Engineering	British Columbia/ Colombie- Britannique	CANADA	11/05/2007	2	168,009	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Pre-concentration and mineral sorting of magmatic nickel-copper deposits	
Krstic, Vladimir	Queen's University	Manufacturing of Advanced Ceramics and Nanomaterials, Ctr of	Ontario	CANADA	20/04/2007	2	144,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Optimization of coating parameters for electric spark deposition of ceramics on copper electrodes	
Lamontagne, Lucie	Université du Québec à Montréal	Sciences biologiques	Québec	CANADA	11/05/2007	3	305,218	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Développement d'oligochitosanes (nutraceutiques) pour l'amélioration des problèmes inflammatoires et du syndrome métabolique	
Lemieux, Guy	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	1	65,100	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Congestion and Delay Reduction for Programmable Logic	

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MacLatchy, Deborah	University of New Brunswick	Biology (Saint John)	New Brunswick/ Nouveau-Brunswick	CANADA	11/05/2007	3	147,700	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Investigation of cause at two pulp mills: reproductive effects in fish	
MacLean, Heather	University of Toronto	Civil Engineering	Ontario	CANADA	13/06/2007	3	289,200	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Sustainable systems analysis of biofuels for light-duty vehicles	
Madhavji, Nazim	University of Western Ontario	Computer Science	Ontario	CANADA	20/04/2007	3	212,590	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	A customer-centred approach to improving system testing	
Mallard, Bonnie	University of Guelph	Pathobiology	Ontario	CANADA	20/04/2007	3	73,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	High and low immune response phenotypes: genes and proteins associated with health and performance	
Mansour, Raafat	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	20/04/2007	2	118,260	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	MEMS-based multi-channel electrodes for deep brain stimulation systems	
Mercier, Guy	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	11/05/2007	3	273,380	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Procédé LISOX; amélioration, élargissement des applications et étude de la problématique des gaz à effets de serre lors de l'implantation	
Moore, Stephen	University of Alberta	Agricultural, Food & Nutritional Sc	Alberta	CANADA	20/04/2007	2	55,500	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Phenotypic indicators of genetic variation of CLA production in milk	
Nikolova, Natalia	McMaster University	Electrical and Computer Engineering	Ontario	CANADA	13/06/2007	3	149,978	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Advanced algorithms for computationally intensive design and inverse electromagnetic problems	

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Park, Chul	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	11/05/2007	2	114,856	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Understanding of Cell Formation and Gas Transportation in the VOC Free EPS Technology	
Pharoah, Jon	Queen's University	Mechanical and Materials Engineering	Ontario	CANADA	20/04/2007	3	307,206	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Development and modelling of aligned/controlled Pt catalysts for low loading, high power density PEMFC's	
Plett, Calvin	Carleton University	Electronics	Ontario	CANADA	20/04/2007	2	80,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Advanced Silicon Circuit Design Topologies	
Polak, Maria	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	13/06/2007	3	69,960	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Environmental stress crack resistance of structural polyethylene: modelling long-term material performance	
Salama, Magdy	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	11/05/2007	2	46,800	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	SF 6 Circuit breaker modeling and diagnosis for predictive maintenance	
Schaeffer, Lawrence	University of Guelph	Animal and Poultry Science	Ontario	CANADA	20/04/2007	3	180,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Genetic evaluation of health traits	
Schenkel, Flavio	University of Guelph	Animal and Poultry Science	Ontario	CANADA	20/04/2007	3	38,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Rates of inbreeding and genetic variability in Canadian dairy cattle	
Shareck, François	Institut national de la recherche scientifique	INRS-Institut Armand-Frappier	Québec	CANADA	11/05/2007	3	120,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Développement de souches de Streptomyces productrices d'enzymes d'intérêt industriel.	

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Sherwood Lollar, Barbara	University of Toronto	Geology	Ontario	CANADA	11/05/2007	1	48,305	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Stable isotope analysis as a quantitative tracer of bioremediation of aromatic hydrocarbons in heterogeneous aquifers	
Tachie, Mark Francis	University of Manitoba	Mechanical & Manufacturing Engineering	Manitoba	CANADA	11/05/2007	2	59,018	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Turbulent flow and fish performance near trashracks	
Tosdal, Richard (Dick)	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie- Britannique	CANADA	13/06/2007	2	153,500	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Footprints of Archean lode gold deposits	
Traore, Issa	University of Victoria	Electrical and Computer Engineering	British Columbia/ Colombie- Britannique	CANADA	11/05/2007	3	155,739	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	User monitoring through human-computer interaction	
Tyagi, Rajeshwar Dayal	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	13/06/2007	3	95,800	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Étude de la récolte de Cydia pomonella granulovirus par centrifugation et ultrafiltration, et formulation de l'insecticide viral sous forme de poudre monillable	
Weary, Daniel	University of British Columbia	Land and Food Systems, Faculty of	British Columbia/ Colombie- Britannique	CANADA	11/05/2007	2	62,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Building better barns - developing science based recommendations for cattle housing and management that improve cow comfort	
Widowski, Tina	University of Guelph	Animal and Poultry Science	Ontario	CANADA	20/04/2007	2	50,386	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Evaluation of alternative methods of euthanasia for cull turkeys	

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Williams-Jones, Anthony	McGill University	Earth and Planetary Sciences	Québec	CANADA	20/04/2007	3	151,393	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	The origin of disseminated gold mineralization at Canadian Malartic, Quebec	
Yu, Tong	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	13/06/2007	3	318,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Dissolved oxygen in ice- covered rivers: modeling and remediation	
Zhang, Wenjun (Chris)	University of Saskatchewan	Mechanical Engineering	Saskatchewan	CANADA	20/04/2007	2	56,712	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Research into human-in- the-loop fault diagnosis for unanticipated events for complex work domains	
Tremblay, Sébastien	Université Laval	Psychologie, École de	Québec	CANADA	11/05/2007	3	147,948	Department of National Defence / NSERC Research Partnership/ Partenariat de recherche du ministère de la Défense nationale et du CRSNG	MASC3: Metrics for assessing support of cognition in command and control	
Abbatt, Jonathan	University of Toronto	Chemistry	Ontario	CANADA	13/06/2007	3	120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Atmospheric aerosol heterogeneous chemistry: kinetics, products, effects on hygroscopic properties	
Balakrishnan, Ravin	University of Toronto	Computer Science	Ontario	CANADA	13/06/2007	3	120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Multi channel and multi degree-of-freedom user interfaces for heterogeneous display environments	
Botton, Gianluigi	McMaster University	Materials Science and Engineering	Ontario	CANADA	13/06/2007	3	120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Bonding and structure in nanoscale materials	
Dahn, Jeffrey	Dalhousie University	Physics and Atmospheric Science	Nova Scotia/ Nouvelle-Écosse	CANADA	13/06/2007	3	120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Physics and chemistry of materials for energy storage	

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Fogg, Deryn	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	13/06/2007	3	120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Olefin metathesis, asymmetric metathesis, and tandem catalysis	
Hebert, Paul	University of Guelph	Integrative Biology	Ontario	CANADA	13/06/2007	3	120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Probing biodiversity and evolutionary processes through DNA barcoding	
Lo, Hoi-Kwong	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	13/06/2007	3	120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Quantum cryptography: from theory and practice	
Lolle, Susan	University of Waterloo	Biology	Ontario	CANADA	13/06/2007	3	120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Elucidating mechanisms of gene restoration	
McBreen, Peter	Université Laval	Chimie	Québec	CANADA	13/06/2007	3	120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Stereoselective and multiple-bond chemistry on surfaces: new surface reactions	
McIlraith, Sheila	University of Toronto	Computer Science	Ontario	CANADA	13/06/2007	3	120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Modeling, analysis, control and customization of component-based systems	
Neff, Bryan	University of Western Ontario	Biology	Ontario	CANADA	13/06/2007	3	120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Molecular and behavioural ecology of fishes	
Pai, Dinesh	University of British Columbia	Computer Science	British Columbia/ Colombie- Britannique	CANADA	13/06/2007	3	120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Human movement and contact in computer animation	

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Pfaus, James	Concordia University	Psychology	Québec	CANADA	13/06/2007	3	120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Neuroanatomy and neurochemistry of sexual behavior	
Pitassi, Toniann	University of Toronto	Computer Science	Ontario	CANADA	13/06/2007	3	120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Topics in proof complexity, circuit complexity, and communication complexity	
Rotermund, Harm	Dalhousie University	Physics and Atmospheric Science	Nova Scotia/ Nouvelle-Écosse	CANADA	13/06/2007	3	120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Nonlinear Dynamics of Complex Surface Reactions	
Turmel, Monique	Université Laval	Biochimie et Microbiologie (Fac. sc. et génie)	Québec	CANADA	13/06/2007	3	120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Deciphering pathways of chloroplast and mitochondrial genome evolution in green algae	
Wiseman, Paul	McGill University	Chemistry	Québec	CANADA	13/06/2007	3	120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Image correlation methods for biophysical chemistry studies of living cells	
Betteridge, Keith	University of Guelph	Biomedical Sciences	Ontario	CANADA	20/04/2007	5	170,800	Discovery Grants Program - Group/ Programme de subventions à la découverte - équipe	The biology of early pregnancy in the mare	
Courage, Mary	Memorial University of Newfoundland	Psychology (St. John's)	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	159,025	Discovery Grants Program - Group/ Programme de subventions à la découverte - équipe	The development of human vision: basic processes and applications	
Foxcroft, George	University of Alberta	Agricultural, Food & Nutritional Sc	Alberta	CANADA	20/04/2007	1	145,692	Discovery Grants Program - Group/ Programme de subventions à la découverte - équipe	Integrated studies on embryonic survival and prenatal development in swine	
Giberson, Donna	University of Prince Edward Island	Biology	Prince Edward Island/ Île-du-Prince-Édouard	CANADA	20/04/2007	5	96,250	Discovery Grants Program - Group/ Programme de subventions à la découverte - équipe	New insights from old bugs: assessing hidden biodiversity in insect collections	

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Name/ Nom	Institution/ Établissement	Department/ Département	Province	Country/ Pays	Date	Instalments/ Versements	Total \$/ \$ Total	Program/ Programme	Title/ Titre	Comments/ Commentaires
Gillespie, Laura	Memorial University of Newfoundland	Medicine, Faculty of	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	2	56,000	Discovery Grants Program - Group/ Programme de subventions à la découverte - équipe	Regulation and function of a novel fibroblast growth factor early response gene in embryonic development and cell differentiation	
Llewellyn, Edward	University of Saskatchewan	Physics and Engineering Physics	Saskatchewan	CANADA	20/04/2007	2	99,298	Discovery Grants Program - Group/ Programme de subventions à la découverte - équipe	Atmospheric Studies from Satellite and ground based instrumentation	
McGill, Jeffrey	Queen's University	Business, School of	Ontario	CANADA	20/04/2007	3	51,000	Discovery Grants Program - Group/ Programme de subventions à la découverte - équipe	Expanding the scope of revenue management	
Stochaj, Ursula	McGill University	Physiology	Québec	CANADA	20/04/2007	2	50,000	Discovery Grants Program - Group/ Programme de subventions à la découverte - équipe	Role of importin-alpha in the regulation of glucose-responsive gene expression	
Tsiani, Evangelia	Brock University	Community Health Sciences	Ontario	CANADA	20/04/2007	2	32,000	Discovery Grants Program - Group/ Programme de subventions à la découverte - équipe	Investigation of the biological effects of the polyphenol resveratrol on insulin producing and insulin target tissues	
Turmel, Monique	Université Laval	Biochimie et Microbiologie (Fac. sc. et génie)	Québec	CANADA	20/04/2007	5	725,000	Discovery Grants Program - Group/ Programme de subventions à la découverte - équipe	Deciphering pathways of chloroplast and mitochondrial genome evolution in green algae	
Aarts, Michelle	University of Toronto	Life Sciences - Scarborough	Ontario	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biochemistry and signaling of TRPM-family cation channels	
Abbatt, Jonathan	University of Toronto	Chemistry	Ontario	CANADA	20/04/2007	5	427,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Atmospheric aerosol heterogeneous chemistry: kinetics, products, and effects on hygroscopic properties	

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Abdella, Kenzu	Trent University	Mathematics	Ontario	CANADA	20/04/2007	5	90,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modelling physical processes in the atmospheric and oceanic boundary layers for use in general circulation models (GCMs)	
Abid, Zine-Eddine	University of Western Ontario	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Defect-tolerant design techniques for nanotechnology integrated circuits	
Abidi, Syed	Dalhousie University	Computer Science, Faculty of	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Semantic web framework for designing personalized information and adaptive web services	
Abizaid, Alfonso	Carleton University	Psychology	Ontario	CANADA	20/04/2007	5	118,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modulation of food reward by ghrelin	
Abolmaesumi, Purang	Queen's University	Computing, School of	Ontario	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Medical image processing and computer-assisted surgery	
AbouRizk, Simaan	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	20/04/2007	5	240,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Collaborative simulation framework for multi-user decision support in construction	
Adames, Neil	University of Alberta	Biological Sciences	Alberta	CANADA	20/04/2007	2	50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure/function of dynein-dynactin complex	
Adamiak, Kazimierz	University of Western Ontario	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	165,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Numerical and analytical models in electrohydrodynamics and microfluidics	
Adams, Michael	University of Victoria	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	81,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced wavelet- and mesh-based signal processing	

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Adeli, Khosrow	University of Toronto	Laboratory Medicine and Pathobiology	Ontario	CANADA	13/06/2007	5	290,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Translational control of apoB mRNA	
Adl, Sina	Dalhousie University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	132,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Soil ecology and linkages above-ground	
Adler, Andrew	Carleton University	Engineering and Design, Faculty of	Ontario	CANADA	20/04/2007	5	141,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Electrical impedance tomography to monitor lung and heart function	
Adronov, Alex	McMaster University	Chemistry	Ontario	CANADA	20/04/2007	5	320,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Covalent and supramolecular polymer chemistry of carbon nanotubes	
Agbossou, Kodjo	Université du Québec à Trois-Rivières	Électrique et génie informatique, Dépt. de génie	Québec	CANADA	20/04/2007	5	120,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Diagnostic et interconnexion au réseau décentralisé des systèmes d'énergies renouvelables incluant les piles à combustible	
Aghdam, Amir	Concordia University	Electrical and Computer Engineering	Québec	CANADA	20/04/2007	5	122,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Robust decentralized control of large-scale systems with applications in cooperative control	
Aitken, Victor	Carleton University	Systems and Computer Engineering	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evidential reasoning for adaptive state and parameter estimation in nonlinear systems	
Akhrif, Ouassima	École de technologie supérieure	Génie électrique	Québec	CANADA	20/04/2007	5	106,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design of robust nonlinear autopilot for helicopters with handling quality requirements	
Alderson, Timothy	University of New Brunswick	Mathematical Sciences	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Codes of small defect from finite geometries: embeddings, bounds, and constructions.	

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Alecsandru, Ciprian	Concordia University	Building, Civil and Environmental Engineering	Québec	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A modeling framework for large-scale traffic networks	
Alexandrov, Dimitar	Lakehead University	Electrical Engineering	Ontario	CANADA	20/04/2007	5	81,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Excitons of the structure and their application for design of electron devices	
Alfa, Attahiru	University of Manitoba	Electrical and Computer Engineering	Manitoba	CANADA	20/04/2007	5	180,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Estimating tail probabilities of delays and queue lengths for telecommunication applications	
Al-Haddad, Kamal	École de technologie supérieure	Génie électrique	Québec	CANADA	20/04/2007	5	198,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	contribution à la conversion efficace de l'énergie électrique en utilisant des convertisseurs électronique de puissance à très haut rendement	
Ali, Syed Twareque	Concordia University	Mathematics and Statistics	Québec	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantization, vector coherent states and wavelets on non-euclidean surfaces	
Allen, Claudine	Université Laval	Physique, génie physique et optique	Québec	CANADA	13/06/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nanocrystal quantum dots and interfaces	
Allen, Geraldine	University of Victoria	Biology	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	72,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The role of hybridization and polyploidy in plant evolution	
Allili, Madjid	Bishop's University	Computer Science	Québec	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational topology methods for data analysis and shape modeling	
Almeida, Quincy	Wilfrid Laurier University	Kinesiology and Physical Education	Ontario	CANADA	20/04/2007	3	51,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanisms of basal ganglia involvement in sensory processes	

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Aluko, Rotimi	University of Manitoba	Human Nutritional Sciences	Manitoba	CANADA	20/04/2007	5	170,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantitative structure-activity relationship study of food protein-derived calmodulin-binding peptides	
Amir, Shimon	Concordia University	Psychology	Québec	CANADA	20/04/2007	5	209,325	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of limbic forebrain circadian oscillators by stress and glucocorticoids	
Amirfazli, Alidad	University of Alberta	Mechanical Engineering	Alberta	CANADA	20/04/2007	5	157,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Surface engineering through chemical & topographical manipulation and drop dynamics on such surfaces	
Amyot, Marc	Université de Montréal	Sciences biologiques	Québec	CANADA	20/04/2007	5	132,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mercury photochemistry and bioavailability	
Amza, Cristiana	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Towards autonomic distributed and parallel server systems	
Anantram, Manjeri	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	20/04/2007	5	140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantum mechanical modeling of nano and bio-nano devices and sensors	
Andersen, Raymond	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	1	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New marine natural product tools for drug discovery and chemical genetics	
Anderson, Alan	St. Francis Xavier University	Earth Sciences	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	203,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spectroscopic studies of crustal fluids	
Anderson, Bruce	Queen's University	Civil Engineering	Ontario	CANADA	20/04/2007	5	140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Innovative passive treatment systems for source water protection	

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Anderson, Hope	University of Manitoba	Pharmacy, Faculty of	Manitoba	CANADA	20/04/2007	2	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nuclear epidermal growth factor receptor (EGFR) signaling network in the heart	
Anderson, William	University of Waterloo	Chemical Engineering	Ontario	CANADA	20/04/2007	5	146,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced oxidation for flue gas treatment	
Andrade, Maydianne	University of Toronto	Life Sciences - Scarborough	Ontario	CANADA	20/04/2007	5	147,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Influence of mating system and variable selection on adaptive variation within and across species of cannibalistic black widow spiders	
Andrews, Mark	McGill University	Chemistry	Québec	CANADA	20/04/2007	5	190,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chemical origins of optical self action effects in composite media	
Andrews, Robert	University of Toronto	Civil Engineering	Ontario	CANADA	20/04/2007	5	215,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Removal of endocrine disrupting compounds and pharmaceuticals in drinking water treatment	
Andrews, Todd	Memorial University of Newfoundland	Physics and Physical Oceanography	Newfoundland and Labrador/ Terre- Neuve-et-Labrador	CANADA	20/04/2007	3	50,700	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Brillouin spectroscopic studies of porous semiconductor films and related systems	
Angel, Omer	University of Toronto	Statistics	Ontario	CANADA	20/04/2007	3	42,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interacting particle systems and random graphs	
Ansari, Daniel	University of Western Ontario	Psychology	Ontario	CANADA	20/04/2007	5	97,435	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neurocognitive trajectories of number development	
Anstee, Richard	University of British Columbia	Mathematics	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Discrete mathematics	

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Antonelli, David	University of Windsor	Chemistry and Biochemistry	Ontario	CANADA	20/04/2007	5	325,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mesoporous Ti, Nb, and Ta oxides in hydrogen storage and solid acid catalysis	
Arbuthnott, Katherine	University of Regina	Psychology	Saskatchewan	CANADA	20/04/2007	5	103,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanisms of executive control: inhibition, intention, and self-control	
Ardelli, Bernadette	Brandon University	Zoology	Manitoba	CANADA	20/04/2007	5	121,615	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Characterization of ABC transporters in parasitic nematodes	
Areibi, Shawki	University of Guelph	Engineering, School of	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A unified congestion driven power aware methodology for VLSI physical design automation	
Arhonditsis, George	University of Toronto	Physical & Environmental Sciences (Scarborough College)	Ontario	CANADA	20/04/2007	5	86,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bayesian calibration and benefits for environmental management	
Arkani-Hamed, Jafar	McGill University	Earth and Planetary Sciences	Québec	CANADA	20/04/2007	5	230,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Internal dynamics of terrestrial planets and magnetic properties of their lithosphere	
Arkipov, Sergy	University of Toronto	Mathematics	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algebro-geometric semi- infinite cohomology	
Armstrong, Carol	University of Guelph	Biomedical Sciences	Ontario	CANADA	20/04/2007	2	40,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cerebellar patterning and cell death in the lurcher mouse	
Armstrong, John	University of Guelph	Biomedical Sciences	Ontario	CANADA	20/04/2007	3	66,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Kainate receptor subunits in the mouse cerebellum	
Arnell, Karen	Brock University	Psychology	Ontario	CANADA	20/04/2007	5	113,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Behavioural and electrophysiological investigations of the attentional blink	

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Arnold, Dirk	Dalhousie University	Computer Science, Faculty of	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolutionary algorithms for continuous optimisation	
Aroca, Ricardo	University of Windsor	Chemistry and Biochemistry	Ontario	CANADA	20/04/2007	5	317,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Surface-enhanced spectroscopy, nanostructure fabrication and sensor applications	
Arp, Paul	University of New Brunswick	Forestry and Environmental Management, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	113,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Forest hydrology and biomass modeling: DOC and DON	
Arsenault, Henri	Université Laval	Physique, génie physique et optique	Québec	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optical and digital information processing	
Arvanitogiannis, Andreas	Concordia University	Psychology	Québec	CANADA	20/04/2007	5	118,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modulation of brain reward circuitry by exposure to stimulants during development	
Asghari, Koorosh	University of Regina	Engineering, Faculty of	Saskatchewan	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Enzymatic mineralization of CO2 for improving CO2 conformance and sequestration in oil reservoirs	
Ashgriz, Nasser	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	20/04/2007	5	147,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modelling the primary atomization and spray systems	
Ashmore, Peter	University of Western Ontario	Geography	Ontario	CANADA	20/04/2007	5	155,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Morphological bedload transport rates	
Asif, Amir	York University	Computer Science and Engineering	Ontario	CANADA	20/04/2007	5	85,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Robust detection and tracking algorithms for time reversal matched field processing	

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Asokanthan, Samuel	University of Western Ontario	Mechanical and Materials Engineering	Ontario	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nonlinear and stochastic dynamics of a class of angular rate sensing and switching systems	
Athienitis, Andreas	Concordia University	Building, Civil and Environmental Engineering	Québec	CANADA	20/04/2007	5	130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Innovative building-integrated solar energy utilization systems	
Atkinson, Gail	Carleton University	Earth Sciences	Ontario	CANADA	20/04/2007	5	240,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Canadian ground motion studies	
Atlee, Joanne	University of Waterloo	Computer Science, School of	Ontario	CANADA	20/04/2007	5	160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Semantically configurable software modelling notations and tools	
Aubanel, Eric	University of New Brunswick	Computer Science, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Graph partitioning for high performance computing	
Aubin, Yves	Carleton University	Chemistry	Ontario	CANADA	20/04/2007	5	71,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Understanding the mechanism of cellular entry of bacterial toxins	
Aubin-Horth, Nadia	Université de Montréal	Sciences biologiques	Québec	CANADA	20/04/2007	5	165,535	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrative and genomics approach to the study of the molecular bases of dominance in an African cichlid fish	
Auclair, Karine	McGill University	Chemistry	Québec	CANADA	20/04/2007	5	210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biocatalysts to generate novel aminoglycosides and hydroxylate inactivated C-H bonds	
Audet, Yves	École Polytechnique de Montréal	Génie électrique	Québec	CANADA	20/04/2007	5	76,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integration of surface plasmon into CMOS circuits	

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Ausió, Juan	University of Victoria	Biochemistry and Microbiology	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	375,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chromatin and gene organization during spermatogenesis and early development An evolutionary perspective	
Ayotte, Patrick	Université de Sherbrooke	Chimie	Québec	CANADA	20/04/2007	5	190,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanism for intense photochemical NOx fluxes from ice surfaces	
Babadagli, Tayfun	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Increasing the efficiency pf heavy-oil / bitumen recovery	
Babin, Gilbert	HEC Montréal	Technologies de l'information, Service de l'enseignement des	Québec	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Medigen - a mediator generator	
Bachand, François	Université de Sherbrooke	Biochimie	Québec	CANADA	20/04/2007	5	175,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Using fission yeast to unravel polyadenylation control	
Badard, Thierry	Université Laval	Sciences géomatiques	Québec	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Vers une infrastructure intelligente de services web de traitement de l'information géospatiale	
Baetz, Kristin	University of Ottawa/ Université d'Ottawa	Biochemistry, Microbiology and Immunology	Ontario	CANADA	20/04/2007	5	165,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrative analysis of the iron responsive transcription factor AFT1	
Bahrami, Majid	University of Victoria	Mechanical Engineering	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Transport phenomena in metalfoams: applications in thermal management devices and fuel cells	
Bai, Donglin	University of Western Ontario	Physiology and Pharmacology	Ontario	CANADA	20/04/2007	5	160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular domains determining gap junction channel properties	

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Baker, Allan	University of Toronto	Ecology & Evolutionary Biology	Ontario	CANADA	20/04/2007	5	336,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Resolving the avian tree of life for comparative studies in ecology and evolution	
Baker, Mark	University of Guelph	Chemistry	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Thin Films: Electrochemistry, Sensors and Nanostructures.	
Balakrishnan, Ravin	University of Toronto	Computer Science	Ontario	CANADA	20/04/2007	5	166,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multi channel and multi degree-of-freedom user interfaces for heterogeneous display environments	
Baljko, Melanie	York University	Computer Science and Engineering	Ontario	CANADA	20/04/2007	3	45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Unimodal and multimodal variants of voice output communication aids	
Bandyopadhyay, Subir	University of Windsor	Computer Science, School of	Ontario	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design of robust WDM networks	
Banerjee, Neil	University of Western Ontario	Earth Sciences	Ontario	CANADA	20/04/2007	5	132,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Life on the rocks: biotic and abiotic alteration of modern and ancient oceanic crust	
Baniasadi, Amirali	University of Victoria	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	81,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Performance and power optimizations for modern processors	
Banzhaf, Wolfgang	Memorial University of Newfoundland	Computer Science	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Genetic programming and self-organization	
Barabé, Denis	Université de Montréal	Sciences biologiques	Québec	CANADA	20/04/2007	5	140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interrelationsentre les contraintes biologiques et physiques en morphologie végétale	
Baracos, Vickie	University of Alberta	Oncology	Alberta	CANADA	20/04/2007	5	286,765	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Tissue protein metabolism in catabolic states	

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Barbeau, Benoit	Université du Québec à Montréal	Sciences biologiques	Québec	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Expression and function of herv-associated env genes in human trophoblast cells	
Barber, Colleen	Saint Mary's University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	72,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Avian reproductive strategies and correlates of paternity	
Barclay, Robert	University of Calgary	Biological Sciences	Alberta	CANADA	20/04/2007	5	183,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The implications of flight on the behavioural and physiological ecology and life histories of flying vertebrates	
Barker, Kenneth	University of Calgary	Computer Science	Alberta	CANADA	20/04/2007	5	130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Privacy preserving database system	
Barner, David	University of Toronto	Psychology	Ontario	CANADA	20/04/2007	5	78,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantification in language acquisition and human evolution	
Barrett, Louise	University of Lethbridge	Psychology and Neuroscience	Alberta	CANADA	20/04/2007	5	103,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Embodied social cognition in human and non-human primates	
Barrett, Spencer	University of Toronto	Ecology & Evolutionary Biology	Ontario	CANADA	20/04/2007	5	596,700	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolutionary transitions in plant reproductive systems	
Barta, John	University of Guelph	Pathobiology	Ontario	CANADA	20/04/2007	3	117,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Host-parasite interactions of apicomplexan parasites with their vertebrate hosts	
Barthelat, François	McGill University	Mechanical Engineering	Québec	CANADA	20/04/2007	5	97,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hard biological materials and novel bio-inspired composites	

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Barzda, Virginijus	University of Toronto	Physics	Ontario	CANADA	20/04/2007	5	148,770	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Non-linear microscopy of biophysical processes in living cells	
Basiliko, Nathan	University of Toronto	Geography (Erindale Campus)	Ontario	CANADA	20/04/2007	5	107,550	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The soil microbial role in northern forests and peatlands	
Basir, Otman	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	20/04/2007	5	135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A multi-modal sensor fusion architecture for audio-visual speech understanding	
Bastin, Fabian	Université de Montréal	Informatique et recherche opérationnelle	Québec	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of innovative techniques in nonlinear and stochastic programming and applications in discrete choice theory	
Bauce, Eric	Université Laval	Sciences du bois et de la forêt	Québec	CANADA	20/04/2007	5	134,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Feeding ecology of outbreak insect species	
Bauer, Mark	University of Calgary	Mathematics and Statistics	Alberta	CANADA	20/04/2007	5	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Number theoretic cryptography	
Baumgartner, Thomas	University of Calgary	Chemistry	Alberta	CANADA	20/04/2007	3	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Extended dithienophosphole polymers and materials for molecular electronics	
Bazinet, Richard	University of Toronto	Nutritional Sciences	Ontario	CANADA	20/04/2007	5	119,375	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Identifying the specific enzyme isoforms that regulate brain fatty acid metabolism	
Bazuin, Géraldine	Université de Montréal	Chimie	Québec	CANADA	20/04/2007	5	275,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Supramolecular Nanostructured and Liquid Crystalline Polymer Materials and films	

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Beamish, John	University of Alberta	Physics	Alberta	CANADA	20/04/2007	5	345,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantum solids:elastic plastic and flow properties	
Beaubrun, Ronald	Université Laval	Informatique et de génie logiciel	Québec	CANADA	20/04/2007	5	81,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Protocoles d'interopérabilité et de gestion de mobilité pour les réseaux mobiles de la 4e génération	
Beaudoin, Gilles	Université de Montréal	Radiologie, radio- oncologie et médecine nucléaire	Québec	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Specialized RF coil array development for MR imaging	
Beaudoin, Nathalie	Université de Sherbrooke	Biologie	Québec	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular genetic analysis of programmed cell death	
Beaulieu, Martin	Université Laval	Anatomie et physiologie	Québec	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of beta arrestin 2 in neurotransmission	
Beaumont, Christopher	Dalhousie University	Oceanography	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	533,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geodynamical models of geological processes	
Beauregard, Mario	Université de Montréal	Radiologie, radio- oncologie et médecine nucléaire	Québec	CANADA	20/04/2007	5	132,435	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional and effective connectivity in the neural cicuits supporting emotional self-regulation	
Bedford, Fiona	McGill University	Anatomy and Cell Biology	Québec	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of the neurexin- neuroligin synaptic adhesion proteins in neurite outgrowth	
Behrend, Kai	University of British Columbia	Mathematics	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New directions in Gromov- Witten theory	

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Beiko, Robert	Dalhousie University	Computer Science, Faculty of	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New computational methods for metagenomics	
Bélanger, Guillaume	Université de Sherbrooke	Chimie	Québec	CANADA	20/04/2007	5	200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Iminium cyclization/azomethine ylid cycloaddition cascades for alkaloid syntheses - synthèse d'alcaloïdes par cyclisations d'iminiums/cycloaddition d'ylure d'axométhine en tandem	
Bell, Rhonda	University of Alberta	Agricultural, Food & Nutritional Sc	Alberta	CANADA	20/04/2007	5	137,960	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Effects of diet on metabolic programming of glucose homeostasis	
Bell, Trevor	Memorial University of Newfoundland	Geography	Newfoundland and Labrador/ Terre- Neuve-et-Labrador	CANADA	20/04/2007	5	151,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Deglacial ice dynamics glacio-isostatic adjustments and relative sea-level history in Newfoundland	
Belosevic, Miodrag	University of Alberta	Biological Sciences	Alberta	CANADA	20/04/2007	5	390,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Comparative biology of macrophages	
Belsham, Denise	University of Toronto	Physiology	Ontario	CANADA	20/04/2007	5	210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Circadian regulation of neuropeptides in the hypothalamus	
Belzile, François	Université Laval	Phytologie	Québec	CANADA	20/04/2007	5	345,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of DNA mismatch repair genes in meiotic recombination and gamete function	
Ben Mrad, Ridha	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	20/04/2007	5	145,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of actuators for precision and microsystems applications	

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Ben, Robert	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Rational design of potent recrystallization inhibitors	
Benaissa, Azemi	Royal Military College of Canada/ Collège militaire royal du Canada	Mechanical Engineering	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mixing in turbulent flows and low Reynolds number flows	
Bendall, Andrew	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolution of developmental functions within the Dlx gene family	
Benhamou, Nicole	Université Laval	Phytologie	Québec	CANADA	20/04/2007	5	275,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanisms involved in the control of root pathogens by fungal antagonists isolated from compost: synergy between antagonism and plant induced resistance	
Benlamri, Rachid	Lakehead University	Engineering, Faculty of	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Framework for Context- Aware Mobile Learning	
Benn, Keith	University of Ottawa/ Université d'Ottawa	Earth Sciences	Ontario	CANADA	20/04/2007	5	146,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geodynamic origins and tectonic accretion of late Archean terranes	
Bennet, Andrew	Simon Fraser University	Chemistry	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	460,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Catalysis and reactivity in carbohydrate chemistry and biochemistry	
Bennett, Michael	University of British Columbia	Mathematics	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Diophantine problems: new and old perspectives	
Bennewitz, Roland	McGill University	Physics	Québec	CANADA	20/04/2007	5	214,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nanomechanics and materials science	

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Bennis, Saad	École de technologie supérieure	Génie de la construction	Québec	CANADA	20/04/2007	5	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Développement d'un système d'aide à la décision pour une gestion en temps réel des réseaux d'assainissement axée sur la qualité des eaux	
Bentahar, Jamal	Concordia University	Concordia Institute for Information Systems Engineering (CIISE)	Québec	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multi-agent systems for advanced semantic grid computing	
Bentz, Evan	University of Toronto	Civil Engineering	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Next generation tools for analysis and design of concrete structures	
Bentzen, Paul	Dalhousie University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	180,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Intraspecific diversity and conservation biology of fishes	
Berenbrink, Petra	Simon Fraser University	Computing Science	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	145,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analysis of Randomized Algorithms	
Bergeron, François	Université du Québec à Montréal	Mathématiques	Québec	CANADA	20/04/2007	5	147,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algebraic combinatorics	
Bergeron, Normand	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	20/04/2007	5	133,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fluvial geomorphology and the winter habitat of stream salmonids	
Bergeron, Raynald	Université de Montréal	Kinésiologie	Québec	CANADA	20/04/2007	5	168,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of AMPK-activated protein kinase on energy metabolism and skeletal muscle adaptation in response to acute and chronic exercise	

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Bergthorson, Jeffrey	McGill University	Mechanical Engineering	Québec	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Alternative fuels combustion and reformation	
Berlinguette, Curtis	University of Calgary	Chemistry	Alberta	CANADA	20/04/2007	3	93,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular clusters in energy conversion schemes	
Berman, Oded	University of Toronto	Management, School of	Ontario	CANADA	20/04/2007	5	200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Strategic and tactical issues in the service industry	
Bernard, Daniel	McGill University	Pharmacology and Therapeutics	Québec	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biology of immunoglobulin superfamily, member 1 (IGSF1)	
Bernards, Mark	University of Western Ontario	Biology	Ontario	CANADA	20/04/2007	5	200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional characterization of plant secondary metabolism/metabolites	
Bernier, Gilbert	Université de Montréal	Médecine	Québec	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Génétique développement et des maladies de la rétine chez les mammifères	
Bertram, Allan	University of British Columbia	Chemistry	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	327,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Phase transitions and heterogeneous chemistry of tropospheric aerosol	
Bertram, Susan	Carleton University	Biology	Ontario	CANADA	20/04/2007	5	147,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Understanding variation in fitness conferring traits	
Besant, Robert	University of Saskatchewan	Mechanical Engineering	Saskatchewan	CANADA	20/04/2007	5	210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Air-to-air heat and moisture exchange and moisture deposition, migration and caking in potash	
Besner, Derek	University of Waterloo	Psychology	Ontario	CANADA	20/04/2007	5	259,025	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dyanamic processes in visual word recognition	

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Best, Mairi	McGill University	Earth and Planetary Sciences	Québec	CANADA	20/04/2007	3	52,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Controls on carbonate preservation: implications for the skeletal record and the carbon cycle	
Betts, Dean	University of Guelph	Biomedical Sciences	Ontario	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chromatin remodeling and nuclear reprogramming in domestic animal clones and embryonic stem cells	
Bewley, Derek	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	20/04/2007	5	400,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular approaches to germination and desiccation tolerance	
Beyea, Steven	Dalhousie University	Physics and Atmospheric Science	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	MRI characterization of implantable drug delivery bioceramics	
Beyer, Dirk	Simon Fraser University	Computing Science	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Automated formal methods for reliable software components	
Bhat, Rama	Concordia University	Mechanical and Industrial Engineering	Québec	CANADA	20/04/2007	1	27,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamic analysis and design of mechanical and micromechanical systems including rotating components	
Bhattacharjee, Subir	University of Alberta	Mechanical Engineering	Alberta	CANADA	20/04/2007	5	133,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interactions between deformable components of complex fluids	
Bhavsar, Virendrakumar	University of New Brunswick	Computer Science, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Parallel and distributed intelligent systems	
Bidnyk, Serge	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	20/04/2007	5	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthesis of planar photonic interconnects	

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Bidochka, Michael	Brock University	Biological Sciences	Ontario	CANADA	20/04/2007	2	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Genetic engineering of virulence factors in the insect pathogenic fungus metarhizium anisopliae	
Bierstone, Edward	University of Toronto	Mathematics	Ontario	CANADA	20/04/2007	5	195,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geometry and analysis on singular spaces	
Bilgen, Ertugrul	École Polytechnique de Montréal	Génie mécanique	Québec	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Heat transfer in fluid and solid media and energy systems	
Bilodeau, Jean-François	Université Laval	Obstétrique et gynécologie	Québec	CANADA	20/04/2007	1	30,842	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Physiological roles of pro-oxidants/antioxidants in the bovine female tract	
Binsted, Gordon	University of Saskatchewan	Kinesiology, College of	Saskatchewan	CANADA	20/04/2007	5	88,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hierarchy for action: sensation perception & intention	
Bird, David	University of Manitoba	Botany	Manitoba	CANADA	20/04/2007	5	123,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cell biology of plant natural products	
Biro, Olivier	Université de Montréal	Kinésiologie	Québec	CANADA	20/04/2007	3	86,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dual role of vascular endothelial growth factor family members and angiogenesis in vascular and muscular plasticity during rodent skeletal muscle remodeling	
Birouk, Madjid	University of Manitoba	Mechanical & Manufacturing Engineering	Manitoba	CANADA	20/04/2007	5	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	On the understanding of spray combustion	
Bissessur, Rabin	University of Prince Edward Island	Chemistry	Prince Edward Island/ Île-du-Prince-Édouard	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthesis and characterization of inorganic/organic hybrid materials	

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Bisztriczky, Tibor	University of Calgary	Mathematics and Statistics	Alberta	CANADA	20/04/2007	5	55,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Convex polytopes	
Black, Andrew	University of British Columbia	Land and Food Systems, Faculty of	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	225,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Effects of climate, disturbance and nitrogen fertilization on the carbon balance of forests in western canada	
Black, Nancy	Université de Moncton	Ingénierie, Faculté d'	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Refining indices of upper limb musculoskeletal disorder risk at work through motion analysis based quantitative data	
Blades, Michael	University of British Columbia	Chemistry	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	375,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development, characterization, and application of new analytical methodologies based on optical and mass spetrometry	
Blake, John	Dalhousie University	Industrial Engineering	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Robust reusable reliable models for health care optimization	
Bland, Brian	University of Calgary	Psychology	Alberta	CANADA	20/04/2007	1	45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Electrophysiological and pharmacological investigation of hippocampal formation function	
Blatz, James	University of Manitoba	Civil Engineering	Manitoba	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Impact of future environmental conditions on flood protection and transportation soil slope infrastructure	

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Bloom, Thomas	University of Toronto	Mathematics	Ontario	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multivariable polynomials and pluripotential theory	
Bobée, Bernard	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	20/04/2007	5	184,260	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Estimation des événements extrêmes en hydrologie	
Boerboom, Derek	Université de Montréal	Biomédecine vétérinaire	Québec	CANADA	20/04/2007	5	194,045	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of development signaling pathways in testicular physiology and spermatogenesis	
Bohme, Diethard	York University	Chemistry	Ontario	CANADA	20/04/2007	5	477,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Gas-phase ion chemistry	
Bohne, Cornelia	University of Victoria	Chemistry	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	390,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Supramolecular dynamics	
Bond, Richard	University of Toronto	Cdn Inst. for Theoretical Astrophys	Ontario	CANADA	20/04/2007	5	579,235	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cosmic structure theory and analysis	
Boninsegni, Massimo	University of Alberta	Physics	Alberta	CANADA	20/04/2007	5	205,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Novel Phases of Quantum Fluids	
Boone, Francois	Université de Sherbrooke	Génie électrique et génie informatique	Québec	CANADA	20/04/2007	5	89,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Imagerie millimétrique passive	
Borodin, Allan	University of Toronto	Computer Science	Ontario	CANADA	20/04/2007	5	370,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design and analysis of algorithms, mathematics of information retrieval, complexity theory	
Bottaro, Christina	Memorial University of Newfoundland	Chemistry	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	2	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of techniques for analysis of polar water-borne contaminants	

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Botton, Gianluigi	McMaster University	Materials Science and Engineering	Ontario	CANADA	20/04/2007	5	190,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bonding and structure in nanoscale materials	
Boucher, Marie-Josée	Université de Sherbrooke	Médecine	Québec	CANADA	13/06/2007	2	54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Rôles et mécanismes d'action de la gsk3 dans le contrôle de la prolifération et la survie des cellules épithéliales pancréatiques	
Bouguila, Nizar	Concordia University	Concordia Institute for Information Systems Engineering (CIISE)	Québec	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Learning detailed models from images and videos using machine learning techniques and applications to graphics	
Boukouvalas, John	Université Laval	Chimie	Québec	CANADA	20/04/2007	2	41,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New synthetic methods and natural product synthesis	
Boulanger, Martin	University of Victoria	Biochemistry and Microbiology	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Aromatic compound degradation: characterizing the benzoate oxidation (box) pathway in burkholderia xenovorans LB400	
Boulanger, Pierre	University of Alberta	Computing Science	Alberta	CANADA	20/04/2007	5	135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Next generation of shared virtual environment using tele-immersion	
Bourgault, Daniel	Memorial University of Newfoundland	Physics and Physical Oceanography	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	98,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Coastal mixing	
Boushel, Robert	Concordia University	Exercise Science	Québec	CANADA	20/04/2007	2	47,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of oxygen transport and utilization during exercise	
Bouslimani, Yassine	Université de Moncton	Génie électrique	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Composants optiques à base de fibres à cristaux photoniques	

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Bouzouane, Abdenour	Université du Québec à Chicoutimi	Informatique-mathématique	Québec	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Agent de reconnaissance de plans: dilemme entrecroisé-eronné	
Bowen, Chris	Dalhousie University	Physics and Atmospheric Science	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantitative cellular density imaging using MRI	
Bowen, Don	Dalhousie University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	144,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ecology of pinnipeds	
Bowles, Richard	University of Saskatchewan	Chemistry	Saskatchewan	CANADA	20/04/2007	2	76,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The thermodynamics and statistical mechanics of nano-systems	
Bowling, Michael	University of Alberta	Computing Science	Alberta	CANADA	20/04/2007	5	140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Data-driven statistical agent modelling	
Bowman, John	University of Alberta	Mathematical and Statistical Sciences	Alberta	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A Spectrally Reduced Dynamic Turbulence Subgrid Model	
Boyd, Andrew	McGill University	Civil Engineering & Applied Mechanics	Québec	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of performance specifications for concrete construction	
Boyd, Jeffrey	University of Calgary	Computer Science	Alberta	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Video analysis for interactive art	
Boyd, Sylvia	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applying Methods from Combinatorial Optimization in Solving Real World Problems	
Boykov, Yuri	University of Western Ontario	Computer Science	Ontario	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Combinatorial algorithms for computer vision and image-based 3d modelling	

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Brabec, Thomas	University of Ottawa/ Université d'Ottawa	Physics	Ontario	CANADA	20/04/2007	5	156,730	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Correlated electron dynamics: from attoscience to nanophysics	
Bradley, Colin	University of Victoria	Mechanical Engineering	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	3	70,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced Instrumentation for Astronomy	
Brady, Robert	University of Calgary	Geology and Geophysics	Alberta	CANADA	20/04/2007	5	127,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Field and geochemical studies of continental tectonic processes	
Brandle, James	University of Western Ontario	Biology	Ontario	CANADA	20/04/2007	5	92,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Metabolic engineering of diterpene synthesis in plants	
Brant, Rollin	University of British Columbia	Statistics	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	3	39,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biostatistical applications of mixed models	
Brash, John	McMaster University	Chemical Engineering	Ontario	CANADA	20/04/2007	3	127,275	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Studies of proteins at interfaces and modification of surfaces for biotechnology applications	
Brecht, Timothy	University of Waterloo	Computer Science, School of	Ontario	CANADA	20/04/2007	5	190,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Understanding and improving the performance of internet servers and services	
Breden, Felix	Simon Fraser University	Biological Sciences	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	147,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Genetic and genomic approaches to sexual selection	
Bregman, Albert	McGill University	Psychology	Québec	CANADA	20/04/2007	5	98,165	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Auditory scene analysis: bottom-up and top-down processes	

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Brennand, Tracy	Simon Fraser University	Geography	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	2	42,180	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Reconstructing past ice sheet dynamics and decay from glacial landforms and sediments	
Brettschneider, Julia	Queen's University	Mathematics and Statistics	Ontario	CANADA	20/04/2007	3	36,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical methodology for measurement errors in microarray data	
Breuil, Colette	University of British Columbia	Wood Science	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Exploring how the mountain pine beetle fungal associate ophiostoma clavigerum overcomes lodgepole pine defenses	
Brewer, Jess	TRIUMF	Science Division	British Columbia/ Colombie- Britannique	CANADA	13/06/2007	5	347,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Muon spin rotation/relaxation/resona nce in solids	
Briens, Cedric	University of Western Ontario	Chemical and Biochemical Engineering	Ontario	CANADA	20/04/2007	5	190,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Research for advanced fluidized bed technologies	
Briens, Lauren	University of Western Ontario	Chemical and Biochemical Engineering	Ontario	CANADA	20/04/2007	5	112,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of monitoring methods for particulate processes	
Brigham, Mark	University of Regina	Biology	Saskatchewan	CANADA	20/04/2007	5	185,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The influence of ecological context on the use of torpor by caprimulgid birds and vespertilionid bats	
Brisard, Gessie	Université de Sherbrooke	Chimie	Québec	CANADA	20/04/2007	5	107,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Effect of the nature of catalysts on kinetics and mechanisms of electrocatalytical reactions:	
Britz-McKibbin, Philip	McMaster University	Chemistry	Ontario	CANADA	20/04/2007	2	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrative metabolomic strategies for single-step analyses by capillary electrophoresis	

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Brodland, Wayne	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	20/04/2007	5	240,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A new multi-scale theory for the mechanics of embryonic tissues	
Brolo, Alexandre	University of Victoria	Chemistry	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	257,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optical and electrochemical properties of metallic nanostructures	
Brooks, Lee	McMaster University	Psychology, Neuroscience & Behaviour	Ontario	CANADA	20/04/2007	5	173,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Coordination of general and specific knowledge in categorization and diagnosis	
Brooks, Marianne Su- Ling	Dalhousie University	Process Engineering & Applied Science	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	4	96,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Encapsulation for improved manufacturing and controlled-delivery of therapeutic compounds	
Brooks, Ronald	University of Guelph	Integrative Biology	Ontario	CANADA	20/04/2007	3	74,190	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Life-history and conservation of amphibians and reptiles	
Broussard, Dianne	University of Toronto	Medicine	Ontario	CANADA	20/04/2007	5	118,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sites and mechanisms of motor learning and memory	
Brown, Carolyn	University of British Columbia	Medical Genetics	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	2	48,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Comparative analysis of dosage compensation in mammals	
Brown, Grant	Concordia University	Biology	Québec	CANADA	20/04/2007	5	139,550	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chemosensory assessment of local predation threats in aquatic vertebrates	
Brown, Jo-Anne	University of Calgary	Physics and Astronomy	Alberta	CANADA	20/04/2007	3	46,338	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Exploring galactic magnetism	

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Brown, Leonid	University of Guelph	Physics	Ontario	CANADA	20/04/2007	5	225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Retinal-binding proteins: new bioenergetic and photosensory mechanisms	
Brown, Patrick	University of Toronto	Public Health Sciences	Ontario	CANADA	20/04/2007	5	67,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spatio-temporal modelling and surveillance of cancer in Ontario	
Brown, Stephen	Queen's University	Chemistry	Ontario	CANADA	20/04/2007	5	130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Environmental Monitoring using Fibre-optics by Microextraction and Chromatography with optical detection	
Brown, Thomas	University of Calgary	Civil Engineering	Alberta	CANADA	20/04/2007	5	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stochastic ice forces of conical structures	
Brudzynski, Stefan	Brock University	Psychology	Ontario	CANADA	20/04/2007	5	148,435	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neural mechanisms of animal vocalization and communication	
Brûlé-Babel, Anita	University of Manitoba	Plant Science	Manitoba	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Understanding the inheritance of host resistance to mycosphaerella graminicola	
Bryan, Jennifer	University of British Columbia	Statistics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical methodology for genome-wide assays	
Bryan, Jim	University of British Columbia	Mathematics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantum geometry of orbifolds and their resolutions	
Brydges, David	University of British Columbia	Mathematics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical mechanics and quantum fields	

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Buchanan, Lori	University of Windsor	Psychology	Ontario	CANADA	20/04/2007	5	84,025	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Uncovering semantic and phonological representations	
Buchweitz, Ragnar-Olaf	University of Toronto	Computer & Mathematical Sciences	Ontario	CANADA	20/04/2007	5	130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Homological methods in algebra and geometry	
Buffin-Bélanger, Thomas	Université du Québec à Rimouski	Sciences humaines	Québec	CANADA	20/04/2007	5	105,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Géomorphologie et dynamique fluviale des rivières avec couverts de glace	
Bugg, James	University of Saskatchewan	Mechanical Engineering	Saskatchewan	CANADA	20/04/2007	5	107,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Particle image velocimetry in single and multiphase flow	
Buhr, Mary	University of Guelph	Animal and Poultry Science	Ontario	CANADA	20/04/2007	5	165,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Characterising novel signalling molecules important for sperm fertilization	
Bulgak, Akif	Concordia University	Mechanical and Industrial Engineering	Québec	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrated designs for sustainable manufacturing	
Bureau, Martin	École Polytechnique de Montréal	Génie mécanique	Québec	CANADA	20/04/2007	3	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Polymer nanocomposites for biomedical applications	
Burg, Theresa	University of Lethbridge	Biological Sciences	Alberta	CANADA	20/04/2007	5	115,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolution of high latitude birds	
Buriak, Jillian	University of Alberta	Chemistry	Alberta	CANADA	20/04/2007	2	144,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Highly functionalized semiconductor interfaces	
Burke, Robert	University of Victoria	Biology	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Signalling and neural development	

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Burnell, Elliott	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nuclear magnetic resonance of orientationally ordered liquids	
Burnell, Jean	Dalhousie University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	325,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthesis of complex organic compounds	
Buro, Michael	University of Alberta	Computing Science	Alberta	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Planning and state evaluation in real-time decision domains	
Burrell, Robert	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	20/04/2007	5	123,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthesis and characterization of nanostructured noble metals for medical applications	
Bustin, Marc	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	412,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Origin and reservoir characteristics of gas shales and coalbed methane	
Butler, Samuel	University of Saskatchewan	Geological Sciences	Saskatchewan	CANADA	20/04/2007	5	126,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modelling of geological fluid flows	
Cabana, Thérèse	Université de Montréal	Sciences biologiques	Québec	CANADA	20/04/2007	5	171,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of mammalian motor systems	
Cade, William	University of Lethbridge	Biological Sciences	Alberta	CANADA	20/04/2007	5	129,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolution of acoustical communication in insects	
Cadigan, Noel	Memorial University of Newfoundland	Mathematics and Statistics	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improving the foundations of sequential population analysis	
Cadrin, Monique	Université du Québec à Trois-Rivières	Chimie-biologie	Québec	CANADA	20/04/2007	3	78,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	How do keratins protect hepatocytes against toxic stress	

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Cai, Jun	University of Manitoba	Electrical and Computer Engineering	Manitoba	CANADA	20/04/2007	5	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Efficient relaying and routing in practical wireless mesh networks	
Cairo, Christopher	University of Alberta	Chemistry	Alberta	CANADA	20/04/2007	3	102,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Exploring chemical and conformational change at the membrane: new applications and technologies for single cell enzymology	
Calvert, Stephen	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	11/05/2007	1	29,090	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geochemistry of marine sediments	
Cameron, Helen	University of Manitoba	Computer Science	Manitoba	CANADA	20/04/2007	3	45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Lock-free data structures	
Cami, Jan	University of Western Ontario	Physics and Astronomy	Ontario	CANADA	20/04/2007	3	52,959	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecules and dust around AGB stars	
Campbell, Lucy	Carleton University	Mathematics and Statistics, School of	Ontario	CANADA	20/04/2007	5	92,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Numerical and analytical studies of geophysical flows and nonlinear waves	
Campbell, Robert	University of Alberta	Chemistry	Alberta	CANADA	20/04/2007	3	165,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	new agents for the visualization of biochemistry in live cells	
Campbell, Sue Ann	University of Waterloo	Applied Mathematics	Ontario	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanical and neural oscillators with time delays	
Campos, Ana	McMaster University	Biology	Ontario	CANADA	20/04/2007	5	225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular genetic analysis of drosophila disconnected gene during development	

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Canizares, Claudio	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	20/04/2007	5	165,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Operation of power systems with sustainable energy resources in competitive electricity markets	
Cao, Jun	Ryerson University	Mechanical and Industrial Engineering	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modeling and simulation for PEM fuel cell performance optimization	
Capaday, Charles	Université Laval	Anatomie et physiologie	Québec	CANADA	20/04/2007	5	124,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neural circuits and integration of sensory inputs in motor cortex	
Cappadocia, Mario	Université de Montréal	Sciences biologiques	Québec	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Genetic and molecular analyses of the S-locus in wild potato Solanum chacoense	
Capson, David	McMaster University	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	118,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Emerging applications of machine vision	
Carenini, Giuseppe	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Generating interactive multimedia summaries of evaluative text.	
Carette, Jacques	McMaster University	Computing and Software	Ontario	CANADA	20/04/2007	5	92,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New methods for building computer algebra systems	
Carignan, Richard	Université de Montréal	Sciences biologiques	Québec	CANADA	20/04/2007	5	231,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biogéochimie des éléments nutritifs et du mercure dans les lacs du bouclier canadien	
Carlone, Robert	Brock University	Biological Sciences	Ontario	CANADA	20/04/2007	5	109,375	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigation on the role of retinoids and RAR beta in neural development and regeneration	

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Carlson, Scott	University of British Columbia	Psychology	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	78,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neurocognitive executive functions and disinhibited personality	
Carnahan, Heather	University of Toronto	Surgery	Ontario	CANADA	20/04/2007	5	173,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Touch perception and the control of movement	
Caron, Jean-Bernard	University of Toronto	Ecology & Evolutionary Biology	Ontario	CANADA	20/04/2007	5	96,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Early metazoan evolution and ecology of the cambrian radiation	
Carpendale, Sheelagh	University of Calgary	Computer Science	Alberta	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interactive information visualization	
Carriere, Keumhee	University of Alberta	Mathematical and Statistical Sciences	Alberta	CANADA	20/04/2007	5	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design and analysis of repeated measures data	
Casello, Jeffrey	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	20/04/2007	5	87,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improving transit representation in travel forecasting models	
Celler, Anna	University of British Columbia	Radiology	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational sciences and nuclear medicine imaging	
Chakrabarti, Chuni Lal	Carleton University	Chemistry	Ontario	CANADA	20/04/2007	5	162,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Kinetic control of metal biouptake in natural waters	
Chalikian, Tigran	University of Toronto	Pharmacy, Leslie Dan Faculty of	Ontario	CANADA	20/04/2007	5	300,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Solvation effects in protein stability and function	
Champagne, Benoit	McGill University	Electrical & Computer Engineering	Québec	CANADA	20/04/2007	5	144,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Digital signal processing for broadband wireless communications	

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Chan Reynolds, Michael	Trent University	Psychology	Ontario	CANADA	20/04/2007	5	93,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Contextual control during single word reading aloud	
Chan, Dave	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	20/04/2007	5	127,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Numerical modeling of ground movement and soil mobility	
Chan, Hue Sun	University of Toronto	Biochemistry	Ontario	CANADA	20/04/2007	5	117,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical and energetic principles of type-II topoisomerase actions on DNA topology	
Chan, Kai Ming	University of British Columbia	Resources, Environment and Sustainability, Institute for	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	96,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	What makes outbreaks break out? The ecology and evolution of native and non-native superabundance	
Chan, Laurie	University of Northern British Columbia	Arts, Social & Health Sciences, College of	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	209,840	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Novel biomarkers for neurotoxicity	
Chan, Tak-Hang	McGill University	Chemistry	Québec	CANADA	20/04/2007	4	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ionic-liquid-supported synthesis	
Chan, Warren	University of Toronto	Biomaterials and Biomedical Engineering, Inst. of (IBBME)	Ontario	CANADA	20/04/2007	2	68,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Novel strategy for quantitating colloidal nanostructures by phage-display immunoassay	
Chang, Gap Soo	University of Saskatchewan	Physics and Engineering Physics	Saskatchewan	CANADA	20/04/2007	3	50,700	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of inorganic/organic-based diluted magnetic semiconductors for spin-polarized transistors	
Chang, Jen-Shih	McMaster University	Engineering Physics	Ontario	CANADA	20/04/2007	5	165,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Electromagnetic hydrodynamics of atmospheric plasma and electrohydraulic discharge in a multi-phase system	

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Chang, Scott	University of Alberta	Renewable Resources	Alberta	CANADA	20/04/2007	5	110,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nitrogen cycling and tree nutrition in boreal forests: interactions with understory vegetation and soil water availability	
Chang, Xiao-Wen	McGill University	Computer Science, School of	Québec	CANADA	20/04/2007	5	160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algorithms, analysis and applications of numerical linear algebra	
Chanway, Christopher	University of British Columbia	Forest Sciences Centre	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	1	25,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nitrogen balance in pine forests: do nitrogen fixing endophytes play a role?	
Chapleau, François	University of Ottawa/ Université d'Ottawa	Biology	Ontario	CANADA	20/04/2007	5	105,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Systematics and evolution of flatfishes (teleostei: pleuronectiformes)	
Chapman, Elaine	Université de Montréal	Physiologie	Québec	CANADA	20/04/2007	5	96,225	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Factors modulating tactile perception	
Charette, Virginie	Université de Sherbrooke	Sciences, Faculté des	Québec	CANADA	20/04/2007	5	55,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Flat affine and projective structures on manifolds	
Chase, Ronald	McGill University	Biology	Québec	CANADA	20/04/2007	4	171,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanisms contributing to sexual success in snails	
Chatt, Amares	Dalhousie University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	235,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nuclear analytical methods for trace elements and their species	
Chatterton, Brian	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	20/04/2007	5	277,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Paleozoic paleontology, with specialization in trilobites and other arthropods	

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Chaudhuri, Avijit	McGill University	Psychology	Québec	CANADA	20/04/2007	5	223,035	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High-level visual function in non-human primates	
Chen, Chialin	Queen's University	Business, School of	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sustainable product design for green supply chain management	
Chen, Chih-Hung	McMaster University	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	103,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stochastic noise characterization and modeling of sub-100nm MOSFETS for low-noise, low-power RF IC applications	
Chen, Li	University of Saskatchewan	Electrical & Computer Engineering	Saskatchewan	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Study of radiation-hard microelectronics	
Chen, Liang	University of Ottawa/ Université d'Ottawa	Physics	Ontario	CANADA	20/04/2007	5	81,730	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theoretical applied optics	
Chen, Pu	University of Waterloo	Chemical Engineering	Ontario	CANADA	20/04/2007	5	140,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Surface thermodynamics and adsorption kinetics	
Chen, Zezhong	Concordia University	Mechanical and Industrial Engineering	Québec	CANADA	20/04/2007	2	34,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	NURBS tool-path generation and accurate machined-part modeling in virtual 5-Axis milling for high-performance cutting of sculptured parts	
Chen, Zhizhang (David)	Dalhousie University	Electrical & Computer Engineering	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	245,700	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Novel time-domain methods for efficient modelling and design of RF/microwave circuit structures for emerging wireless technology applications	

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Cheng, Howard	University of Lethbridge	Mathematics & Computer Science	Alberta	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computer algebra algorithms and image set compression and encryption	
Cheriet, Farida	École Polytechnique de Montréal	Génie informatique	Québec	CANADA	20/04/2007	5	132,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Augmented reality for minimally invasive spinal surgery	
Cherkaoui, Omar	Université du Québec à Montréal	Informatique	Québec	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Addressing the complexity and scalability of autonomic	
Chernousov, Vladimir	University of Alberta	Mathematical and Statistical Sciences	Alberta	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Splitting fields of torsors and homogeneous varieties	
Cherry, John	University of Waterloo	Earth Sciences	Ontario	CANADA	20/04/2007	5	230,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Re-examination of aquitard integrity using new methods	
Cheung, Stephen	Brock University	Physical Education & Kinesiology	Ontario	CANADA	13/06/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Central and peripheral thermal influence on neuromuscular function	
Chibbar, Ravindra	University of Saskatchewan	Plant Sciences	Saskatchewan	CANADA	20/04/2007	5	145,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Carbohydrate biosynthesis and its regulation in cereal grains	
Chidiac, Samir	McMaster University	Civil Engineering	Ontario	CANADA	20/04/2007	5	97,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Predictive tools for improving and controlling the quality and durability of concrete	
Chin, See Leang	Université Laval	Physique, génie physique et optique	Québec	CANADA	20/04/2007	5	470,190	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ultrafast intense laser science: filamentation and application	
Chinneck, John	Carleton University	Systems and Computer Engineering	Ontario	CANADA	20/04/2007	5	135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Effective tools for practical optimization	

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Chodavarapu, Vamsy	McGill University	Electrical & Computer Engineering	Québec	CANADA	20/04/2007	5	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrated CMOS based sensors microsystems for biochemical monitoring	
Choh, Vivian	University of Waterloo	Optometry, School of	Ontario	CANADA	20/04/2007	5	144,375	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanisms mediating avian eye growth	
Choi, Phillip	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	20/04/2007	5	131,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design of micro/nanocantilevers with adsorbed biomacromolecules using molecular modelling	
Choksi, Rustum	Simon Fraser University	Mathematics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mathematical aspects of phase separation under long-range interactions	
Cholewa, Ewa	Nipissing University	Arts and Science, Faculty of	Ontario	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Eriophorum vaginatum - a model plant species for studying metal phytoremediation in northern wetlands	
Chong, Delano	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Application of density functional theory	
Chong, John	University of Waterloo	Chemistry	Ontario	CANADA	20/04/2007	5	302,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New ligands, reagents and strategies for asymmetric synthesis	
Chow, Kim	University of Alberta	Physics	Alberta	CANADA	20/04/2007	5	268,700	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Impurities and defects in condensed matter systems	
Chow, Paul	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	130,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Architectures for heterogeneous high-performance computing	

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Christen, Andreas	University of British Columbia	Geography	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Turbulence at rough and porous land-atmosphere interfaces	
Christensen, Villy	University of British Columbia	Fisheries Centre	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	96,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Linking fisheries research to oceanography and climate change research	
Chromik, Richard	McGill University	Mining, Metals & Materials Engineering	Québec	CANADA	20/04/2007	5	92,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	In situ tribology and microtribology of coatings for aerospace and MEMS applications	
Chrzanowski, Adam	University of New Brunswick	Geodesy and Geomatics Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	3	54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of new methods and techniques for engineering surveys	
Chudasama, Yogita	McGill University	Psychology	Québec	CANADA	20/04/2007	5	128,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Prefrontal-hippocampal contributions to executive function	
Chuong, Simon	University of Waterloo	Biology	Ontario	CANADA	20/04/2007	5	190,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cellular and molecular mechanisms underlying single-cell C4 photosynthesis in chenopodiaceae species	
Ciampi, Antonio	McGill University	Epidemiology and Biostatistics	Québec	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Supervised and unsupervised learning in biostatistics	
Ciruna, Brian	University of Toronto	Medical Genetics and Microbiology	Ontario	CANADA	20/04/2007	5	165,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular genetic analysis of embryonic patterning and morphogenesis in zebrafish	
Clapham, Lynann	Queen's University	Physics	Ontario	CANADA	20/04/2007	5	140,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Research and development of magnetic non-destructive testing techniques	

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Clark, Ian	University of Ottawa/ Université d'Ottawa	Earth Sciences	Ontario	CANADA	20/04/2007	5	180,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Arctic hydrogeology and paleoclimatology	
Clark, Shawn	University of Manitoba	Civil Engineering	Manitoba	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	An investigation of frazil formation, evolution and transport	
Clarke, Matthew	University of Calgary	Chemical and Petroleum Engineering	Alberta	CANADA	20/04/2007	4	88,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Natural gas storage using clathrate hydrates	
Clausi, David	University of Waterloo	Systems Design Engineering	Ontario	CANADA	20/04/2007	5	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Classification of operational SAR sea ice imagery	
Claverie, Jérôme	Université du Québec à Montréal	Chimie	Québec	CANADA	20/04/2007	5	161,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Catalytic polymerization of ethylene with polar monomers	
Cleve, Richard	University of Waterloo	Computer Science, School of	Ontario	CANADA	20/04/2007	5	225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantum algorithms and complexity theory	
Cliff, Gerald	University of Alberta	Mathematical and Statistical Sciences	Alberta	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Representations of groups	
Cloutier, Richard	Université du Québec à Rimouski	Biologie, chimie et sciences de la santé	Québec	CANADA	20/04/2007	5	120,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Phenotypic developmental modularity in living and extinct fishes	
Coady, Yvonne	University of Victoria	Computer Science	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	2	43,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Managing system infrastructure extensibility with aspect-oriented software development	
Coates, Mark	McGill University	Electrical & Computer Engineering	Québec	CANADA	20/04/2007	5	117,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Learning to satisfy actuator networks	

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Cobbold, Richard	University of Toronto	Biomaterials and Biomedical Engineering, Inst. of (IBBME)	Ontario	CANADA	20/04/2007	5	195,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigations of ultrasound propagation and imaging techniques	
Cockcroft, Steven	University of British Columbia	Materials Engineering	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	176,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hot cracking in light metal alloys	
Colasanti, Joseph	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	20/04/2007	5	205,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular and genetic characterization of floral regulatory networks in maize	
Coleman, John	University of Toronto	Cell & Systems Biology	Ontario	CANADA	20/04/2007	2	64,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of photosynthetic gene expression by CO2 and carbohydrates	
Coleman, Thomas	University of Waterloo	Combinatorics and Optimization	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Efficient and robust optimization approaches for financial applications	
Colliander, James	University of Toronto	Mathematics	Ontario	CANADA	20/04/2007	5	145,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nonlinear hamiltonian partial differential equations	
Collin, Olivier	Université du Québec à Montréal	Mathématiques	Québec	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Floer homology and low- dimensional topology	
Collins, Benoit	University of Ottawa/ Université d'Ottawa	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applications of random matrix theory to probabilistic aspects of operator algebras	
Collins, Michael	University of Toronto	Civil Engineering	Ontario	CANADA	20/04/2007	5	320,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Reinforced concrete in shear and torsion	
Collins, Shawn	Université de Montréal	Chimie	Québec	CANADA	20/04/2007	3	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Novel asymmetric synthesis of helically and planar chiral molecules	

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Colman, Brian	York University	Biology	Ontario	CANADA	20/04/2007	4	140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Inorganic carbon acquisition and photorespiration in algae	
Connors, Martin	Athabasca University	Science, Centre for	Alberta	CANADA	20/04/2007	5	82,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Electric current systems of near-earth space	
Consens, Mariano	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	20/04/2007	5	135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Retrieving and managing semi-structured and business process data	
Constas, Styliani	University of Western Ontario	Chemistry	Ontario	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Simulation of macromolecular ions in droplets	
Coogan, Laurence	University of Victoria	Earth and Ocean Sciences, School of	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	145,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Thermal and chemical evolution of the oceanic lithosphere	
Coolen, Lique	University of Western Ontario	Physiology and Pharmacology	Ontario	CANADA	20/04/2007	5	230,975	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neural pathways mediating sexual reward	
Cooper, Paul	University of Toronto	Forestry, Faculty of	Ontario	CANADA	20/04/2007	5	140,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Diffusion and reaction of chemical impregnants in solid wood cell walls	
Copland, Luke	University of Ottawa/ Université d'Ottawa	Geography	Ontario	CANADA	20/04/2007	5	127,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ice dynamics and glacier changes in northern Canada	
Coppolino, Marc	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	20/04/2007	5	210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The role of snare- mediated membrane traffic in cell adhesion	
Cordy, James	Queen's University	Computing, School of	Ontario	CANADA	20/04/2007	5	240,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Source transformation systems	

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Corrigan, John	University of Western Ontario	Chemistry	Ontario	CANADA	20/04/2007	5	290,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Metal-chalcogenide complexes: from coordination chemistry to nanoscience	
Cortelezzi, Luca	McGill University	Mechanical Engineering	Québec	CANADA	20/04/2007	5	114,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mixing control for biomechanical engineering applications	
Cossette, Hélène	Université Laval	Actuariat, École d'	Québec	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dependence in risk theory	
Costa, Maycira	University of Victoria	Geography	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	111,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	In-water light attenuation and remote sensing of coastal waters and riverine ecosystems	
Côté, René	Université de Sherbrooke	Physique	Québec	CANADA	20/04/2007	5	187,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Electronic properties of the collective states of a two-dimensional electron gas in a strong magnetic field	
Côté, Steeve	Université Laval	Biologie	Québec	CANADA	20/04/2007	5	205,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Écologie, comportement et stratégies biodémographiques des grands mammifères herbivores	
Cottam, Michael	University of Western Ontario	Physics and Astronomy	Ontario	CANADA	20/04/2007	5	140,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theory of magnetic and nonmagnetic excitations in low-dimensional and nanostructured materials	
Cottenie, Karl	University of Guelph	Integrative Biology	Ontario	CANADA	20/04/2007	5	115,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Freshwater metacommunities: dispersal through space and time at multiple scales	
Couloigner, Isabelle	University of Calgary	Geomatics Engineering	Alberta	CANADA	20/04/2007	5	97,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Object-oriented classification for urban mapping	

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Coulombe, Sylvain	McGill University	Chemical Engineering	Québec	CANADA	20/04/2007	5	128,375	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Non-thermal plasma processes for nanofluid synthesis and localized biological surface treatment	
Coulton, James	McGill University	Microbiology and Immunology	Québec	CANADA	20/04/2007	5	140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cbl interactome for vitamin B12 metabolism	
Cousineau, Denis	Université de Montréal	Psychologie	Québec	CANADA	20/04/2007	5	78,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Predicting performance in a complex task after extended training from performance in simpler tasks	
Couture, Manon	Université Laval	Biochimie et Microbiologie (Fac. sc. et génie)	Québec	CANADA	20/04/2007	5	210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The mechanisms of nitric oxide synthesis by nitric oxide synthases	
Cowling, Sharon	University of Toronto	Geography	Ontario	CANADA	20/04/2007	5	90,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Vegetation feedbacks on atmospheric moisture and heat transport	
Cox, Anthony	Dalhousie University	Computer Science, Faculty of	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	2	31,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Exploration of factors influencing software maintenance and development	
Craiu, Virgil	University of Toronto	Statistics	Ontario	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical inference and computational methods for complex models	
Crawford, Bryan	University of New Brunswick	Biology (Fredericton)	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	175,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of matrix metalloproteinase activity during zebrafish morphogenesis	
Crawford, Dorota	York University	Kinesiology & Health Science, School of	Ontario	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biology of p5-type cation-transporting atpases	

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Crawford, Michael	University of Windsor	Biological Sciences	Ontario	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of pitx genes in embryonic pattern formation	
Cristescu, Elena Melania	University of Windsor	Great Lakes Inst. for Environmental Res. (GLIER)	Ontario	CANADA	20/04/2007	5	147,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Recombination and its implications for genome evolution	
Croft, Elizabeth	University of British Columbia	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	162,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Robotic partnerships: Multi-modal human robot interaction	
Croitoru, Arie	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Data models and algorithms for knowledge discovery in spatio-temporal data	
Croll, Roger	Dalhousie University	Physiology and Biophysics	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	233,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	form and function of the gastropod larval nervous system	
Cronin, Duane	University of Waterloo	Mechanical Engineering & Mechatronics	Ontario	CANADA	20/04/2007	5	86,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced modeling to predict thoracic trauma injury in auto crash	
Crozier, Daryl	Simon Fraser University	Physics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	122,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure of Ordered and Disordered Systems	
Cruden, David	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	20/04/2007	5	80,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Landslide risk assessment in western Canada	
Cuccia, Louis	Concordia University	Chemistry and Biochemistry	Québec	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamical implications of supramolecular systems	
Cui, Hong	University of Western Ontario	Information and Media Studies, Faculty of	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The value of automated semantic annotation for biodiversity informatics	

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Cullen, Kathleen	McGill University	Physiology	Québec	CANADA	20/04/2007	5	209,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The neural control of disjunctive saccades	
Cumming, Andrew	McGill University	Physics	Québec	CANADA	20/04/2007	5	209,625	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neutron star astrophysics	
Cunha, Luciane	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	20/04/2007	5	136,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Robust data-driven process for improved description and optimal management of oil and gas reservoirs	
Currah, Randolph	University of Alberta	Biological Sciences	Alberta	CANADA	20/04/2007	5	350,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Reproductive architecture in the ascomycota and microfungal symbioses with plants	
Currie, David	University of Ottawa/ Université d'Ottawa	Biology	Ontario	CANADA	20/04/2007	5	202,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spatial and temporal variation in biodiversity: patterns, mechanisms and applications	
Currie, Iain	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	20/04/2007	3	27,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Research in low speed viscous flows	
Currie, Suzanne	Mount Allison University	Biology	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	171,550	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Physiological and molecular mechanisms of stress tolerance in fish	
Curry, Eva	Acadia University	Mathematics and Statistics	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multivariable wavelets and digital number systems	
Cusson, Michel	Université Laval	Biochimie et Microbiologie (Fac. sc. et génie)	Québec	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Enzymatic adaptations for the biosynthesis of ethyl-substituted juvenile hormones	

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Cutter, Asher	University of Toronto	Ecology & Evolutionary Biology	Ontario	CANADA	20/04/2007	5	160,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	How general are genetic pathways? A test with the dauer developmental pathway in the nematode C. remanei	
Cynader, Max	University of British Columbia	Brain Research Centre	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	1	50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanisms of developmental plasticity	
Cyr, Hélène	University of Toronto	Ecology & Evolutionary Biology	Ontario	CANADA	20/04/2007	2	42,340	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Environmental variability, and the structure and function of littoral foodwebs in lakes	
Cyr, Michel	Université du Québec à Trois-Rivières	Chimie-biologie	Québec	CANADA	20/04/2007	5	118,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cellular and molecular mechanisms of motor skill learning	
Czarnecki, Krzysztof	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	20/04/2007	5	155,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Methods and tools for effective software modeling	
Czarnota, Gregory	University of Toronto	Medical Biophysics	Ontario	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biophysical fundamentals of ultrasound backscatter	
Da Silva, Ana Maria	Queen's University	Civil Engineering	Ontario	CANADA	20/04/2007	5	140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	River morphodynamics and its mathematical modelling	
Dafni, Galia	Concordia University	Mathematics and Statistics	Québec	CANADA	20/04/2007	5	50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hardy spaces, related function spaces and applications	
Dagenais, Michel	École Polytechnique de Montréal	Génie informatique	Québec	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High performance high availability distributed system performance analysis	

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Dahms, Tanya	University of Regina	Chemistry and Biochemistry	Saskatchewan	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Physical properties of supported planar bilayers and while cells contrubuting to plarized growth and movement	
Dahn, Jeffrey	Dalhousie University	Physics and Atmospheric Science	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	620,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Physics and chemistry of materials for energy storage	
Dale, James	University of Alberta	Mechanical Engineering	Alberta	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Heat transfer through thin fibrous materials and ignition, combustion studies	
Daley, Mark	University of Western Ontario	Computer Science	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computation in biological processes	
Danckert, James	University of Waterloo	Psychology	Ontario	CANADA	20/04/2007	5	114,935	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Attention and action in the parietal cortex	
Daneault, Claude	Université du Québec à Trois-Rivières	Recherche en pâtes & papiers, Centre de	Québec	CANADA	20/04/2007	5	213,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modification chimique de matériel lignocellulosique	
Dang, Qing-Lai	Lakehead University	Forestry and the Forest Environment, Faculty of	Ontario	CANADA	20/04/2007	1	35,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Responses of boreal trees to rising atmospheric carbon dioxide concentration	
Daniels, Lori	University of British Columbia	Geography	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	2	28,880	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fire regimes in mountain landscapes and global environmental change: top- down versus bottom-up controls	
Danzmann, Roy	University of Guelph	Integrative Biology	Ontario	CANADA	20/04/2007	5	229,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolutionary, developmental, and physiological genetics of salmonid fishes	

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Darbyshire, Fiona	Université du Québec à Montréal	Sciences de la terre et de l'atmosphère	Québec	CANADA	20/04/2007	5	117,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Seismic studies of Ontario and Quebec - probing the architecture of eastern Laurentia	
Darcie, Thomas	University of Victoria	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	180,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Supporting heterogeneous services in next-generation networks	
Darveau, Charles-Antoine	University of Ottawa/ Université d'Ottawa	Biology	Ontario	CANADA	20/04/2007	5	135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Energy metabolism: mechanisms, diversity and evolution	
Das, Saurya	University of Lethbridge	Physics	Alberta	CANADA	20/04/2007	5	143,430	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Aspects of black hole physics	
Datars, Ross	McMaster University	Physics and Astronomy	Ontario	CANADA	20/04/2007	3	45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fundamental understanding of the transport processes in organic and polymeric components	
David, Jean-Pierre	École Polytechnique de Montréal	Génie électrique	Québec	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Description et synthèse automatique de réseaux de machines algorithmiques évoluées dynamiquement reconfigurables	
Davidsen, Joern	University of Calgary	Physics and Astronomy	Alberta	CANADA	20/04/2007	3	45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Physics of complex systems: emergent properties and dynamical organization	
Davis, Boyd	Queen's University	Mining Engineering	Ontario	CANADA	20/04/2007	3	73,005	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The use of molten salt hydrates in metallurgical processing	
Davoren, Gail	University of Manitoba	Zoology	Manitoba	CANADA	20/04/2007	5	108,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The ecology of focal forage fish species and its impact on marine predators	

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Davy, Martin	University of British Columbia	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	97,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fundamental studies of auto-ignition and combustion in a low-emission natural gas engine	
Dawson, Francis	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	113,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Maximizing energy transfer to a nonlinear load	
Dawson, Michael	University of Alberta	Psychology	Alberta	CANADA	20/04/2007	5	123,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Artificial neural networks, contingency, and associative learning	
De Blois, Sylvie	McGill University	Plant Science	Québec	CANADA	20/04/2007	5	72,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Plant population and community persistence in spatially-structured landscapes	
De Campos-Lima, Pedro	Université Laval	Biologie médicale	Québec	CANADA	20/04/2007	3	87,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Characterization of the activation mechanisms of T lymphocytes	
De Freitas, Joao (Nando)	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Probabilistic machine learning and decision making with Monte Carlo particle methods	
De Guise, Hubert	Lakehead University	Physics	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applications of algebraic methods in quantum physics	
De Kievit, Teresa	University of Manitoba	Microbiology	Manitoba	CANADA	20/04/2007	5	190,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular mechanisms involved in pseudomonas biocontrol	
De Koninck, Paul	Université Laval	Biochimie et Microbiologie (Fac. sc. et génie)	Québec	CANADA	20/04/2007	5	210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure/function of CaMk II as a frequency decoder of calcium oscillations	
De Lara, Eyal	University of Toronto	Computer Science	Ontario	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Radio fingerprinting support for pervasive environments	

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De Leon, Alexander	University of Calgary	Mathematics and Statistics	Alberta	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Issues arising in the joint analysis of mixed categorical & continuous variables in multivariate mixed data	
De Mazancourt, Claire	McGill University	Redpath Museum	Québec	CANADA	20/04/2007	5	110,700	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolutionary dynamics in ecosystems	
De Robertis, Michael	York University	Physics and Astronomy	Ontario	CANADA	20/04/2007	5	137,915	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Activity in galactic nuclei	
De Silva, Clarence	University of British Columbia	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	310,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analytical and practical issues of multi-domain and multifunctional networked intelligent control systems	
De Vernal, Anne	Université du Québec à Montréal	Sciences de la terre et de l'atmosphère	Québec	CANADA	20/04/2007	5	295,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Palynological tracers of ocean and climate changes	
De Volder, Kris	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	IDE support for incremental modularization from monolith to component assembly	
Dean, Thomas	Queen's University	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Grammar based evolution and teasing of software	
Deardon, Robert	University of Guelph	Mathematics and Statistics	Ontario	CANADA	20/04/2007	3	36,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The spatio-temporal analysis of infectious diseases	
De'Bell, Keith	University of New Brunswick	Mathematical Sciences	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	3	42,240	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Manipulated structure effects in materials properties	

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Del Giorgio, Paul	Université du Québec à Montréal	Sciences biologiques	Québec	CANADA	20/04/2007	5	205,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The physiologic and phylogenetic basis of patterns in bacterial community metabolism in aquatic ecosystems	
Del Villar, René	Université Laval	Génie des mines, métallurgie et matériaux	Québec	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modélisation, simulation, optimisation et commande automatique de procédés minéralurgiques	
DeLaurier, James	University of Toronto	Aerospace Studies, Institute for	Ontario	CANADA	20/04/2007	3	42,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Studies of flapping-wing flight	
Delbaere, Louis	University of Saskatchewan	Biochemistry	Saskatchewan	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure and function of monomeric isocitrate dehydrogenase	
D'Eleuterio, Gabriele	University of Toronto	Aerospace Studies, Institute for	Ontario	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multiagent robotic systems	
Delgrande, James	Simon Fraser University	Computing Science	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	165,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Belief change in rational agents	
Demke-Brown, Angela	University of Toronto	Computer Science	Ontario	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrated application and operating system optimization	
Demopoulos, George	McGill University	Mining, Metals & Materials Engineering	Québec	CANADA	20/04/2007	5	207,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced process hydrometallurgy	
Denham, Graham	University of Western Ontario	Mathematics	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Arrangements of hyperplanes and combinatorial constructions in topology	

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Denniston, Colin	University of Western Ontario	Applied Mathematics	Ontario	CANADA	20/04/2007	5	181,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multi-scale modelling of particles and interfaces in complex fluids	
Derome, Jacques	McGill University	Atmospheric and Oceanic Sciences	Québec	CANADA	20/04/2007	2	66,180	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamics of planetary waves	
Desaulniers, Guy	École Polytechnique de Montréal	Mathématiques et génie industriel	Québec	CANADA	20/04/2007	5	100,075	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Exact and heuristic approaches for time-constrained vehicle routing	
Desgreniers, Serge	University of Ottawa/ Université d'Ottawa	Physics	Ontario	CANADA	20/04/2007	5	254,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Physics of materials under extreme conditions	
Desharnais, Jules	Université Laval	Informatique et de génie logiciel	Québec	CANADA	20/04/2007	5	127,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Kleene algebra and its application to control theory and computer security	
Desilets, Martin	Université de Sherbrooke	Génie mécanique	Québec	CANADA	20/04/2007	4	104,040	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modélisation dynamique de procédés multiphasiques impliquant des transferts de masse et d' énergie	
Desmarais, Michel	École Polytechnique de Montréal	Génie informatique	Québec	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bayesian models for student and user modeling	
DeSouza, Joseph	York University	Psychology (Glendon College)	Ontario	CANADA	20/04/2007	5	112,435	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Eye position signals used for coordinate transformations in humans using fMRI	
Despland, Emma	Concordia University	Biology	Québec	CANADA	20/04/2007	5	125,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Behaviour of group-living outbreaking insects	

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Després, Charles	Brock University	Biological Sciences	Ontario	CANADA	20/04/2007	5	290,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Deciphering signal transduction events in the arabidopsis NPR1 disease resistance pathway	
DesRochers, Annie	Université du Québec en Abitibi-Témiscamingue	Sciences appliquées	Québec	CANADA	20/04/2007	5	185,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The extent of root grafting in the boreal forest	
Deupree, Robert	Saint Mary's University	Astronomy and Physics	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	3	82,749	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Pulsation evolution and hydrodynamics of rapidly rotating stars	
Deutsch, Clayton	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	20/04/2007	5	185,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mineral resource uncertainty modelling	
DeWolf, Christine	Concordia University	Chemistry and Biochemistry	Québec	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure at interfaces: applications in biology, nanotechnology & the atmosphere	
Di Francesco, James	University of Victoria	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	49,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Starless cores: probing the initial conditions of star formation	
Di Polo, Adriana	Université de Montréal	Pathologie et biologie cellulaire	Québec	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of lysophosphatidic acid in adult retina	
Diak, Bradley	Queen's University	Mechanical and Materials Engineering	Ontario	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fundamental studies in ideally oriented crystalline aggregates	
Diamond, Miriam	University of Toronto	Geography	Ontario	CANADA	20/04/2007	5	155,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	connecting chemical contaminant sources, emissions, fate and exposure	

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Dick, Scott	University of Alberta	Electrical & Computer Engineering	Alberta	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Novel developments in computational intelligence with applications to software quality	
Dickey, James	University of Guelph	Human Health and Nutritional Sciences	Ontario	CANADA	20/04/2007	3	45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrated assessment of the neck during whiplash-like perturbations	
Diederichs, Mark	Queen's University	Geological Sciences and Geological Engineering	Ontario	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Three dimensional anisotropic rockmass response and tunnel support interaction	
Dinavahi, Venkata	University of Alberta	Electrical & Computer Engineering	Alberta	CANADA	20/04/2007	5	151,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Real-time digital simulation of large-scale power systems with embedded power electronic apparatus	
Ding, Chen (Cherie)	Ryerson University	Computer Science	Ontario	CANADA	20/04/2007	2	30,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Implementation of personalized search in active web intermediaries	
Dirszowsky, Randy	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Geography	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sediment budget and paleolimnological analysis of environmental change in a disturbed boreal shield landscape	
Ditzian, Zeev	University of Alberta	Mathematical and Statistical Sciences	Alberta	CANADA	20/04/2007	5	40,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Rate of approximation and smoothness of functions	
Dixon, George	University of Waterloo	Biology	Ontario	CANADA	20/04/2007	5	168,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modifying factors of toxicant impacts on biota	
Djokovic, Dragomir Z	University of Waterloo	Pure Mathematics	Ontario	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theory of invariants and applications	

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Doan, Huu Dung	Ryerson University	Chemical Engineering	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Wastewater treatment by bio-adsorption and mass transfer in a packed bed	
Dobre, Octavia	Memorial University of Newfoundland	Engineering & Applied Science, Faculty of	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Blind signal recognition for emerging wireless communications	
Docker, Margaret	University of Manitoba	Zoology	Manitoba	CANADA	20/04/2007	5	86,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Disruptive selection and the genetic basis for repeated evolution of nonparasitism in lampreys	
Doedel, Eusebius	Concordia University	Computer Science and Software Engineering	Québec	CANADA	20/04/2007	5	310,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Numerical analysis of bifurcation problems	
Dokainish, Mohammed	McMaster University	Mechanical Engineering	Ontario	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Finite element for nonlinear mechanics	
Dompierre, Julien	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Mathematics and Computer Science	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cadre général pour la génération intelligente de maillages non structurés	
Dong, Vy	University of Toronto	Chemistry	Ontario	CANADA	20/04/2007	3	126,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New enantioselective catalytic synthesis of alcohols, carboxylic acids, and heterocycles	
Dong, Xiaodai	University of Victoria	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ultra-wideband communications for wireless personal area networks with low rate applications	
Doré, François	Université Laval	Psychologie, École de	Québec	CANADA	20/04/2007	5	92,435	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hippocampal and subicular contributions to conditioning, learning, and memory	

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Douglas, Carl	University of British Columbia	Botany	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	395,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Comparative and functional genomics of fibre development and natural product biosynthesis	
Douglas, Murray	McGill University	Chemical Engineering	Québec	CANADA	20/04/2007	3	76,020	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Paper formation, coating and drying: process engineering and paper properties	
Dowd, Michael	Dalhousie University	Mathematics and Statistics	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bayesian statistical estimation for nonlinear dynamic systems in the marine environmental sciences	
Doyon, René	Université de Montréal	Physique	Québec	CANADA	20/04/2007	5	148,945	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Infrared investigations of brown dwarfs and exoplanets	
Dozois, Charles	Institut national de la recherche scientifique	INRS-Institut Armand- Frappier	Québec	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Virulence mechanisms of pathogenic escherichia coli infecting poultry	
Dragicevic, Suzana	Simon Fraser University	Geography	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	90,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrating complexity, GIS and soft computing for multi-scale spatial modeling and decision- making	
Dragon, François	Université du Québec à Montréal	Sciences biologiques	Québec	CANADA	20/04/2007	2	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of auxiliary factors in eukaryotic ribosome biogenesis	
Dreisinger, David	University of British Columbia	Materials Engineering	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	207,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hydrometallurgy of base and precious metals	
Drew, Mark	Simon Fraser University	Computing Science	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Physics-based colour models in computer vision, colour science, graphics and multimedia	

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Droste, Ronald	University of Ottawa/ Université d'Ottawa	Civil Engineering	Ontario	CANADA	20/04/2007	5	135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Enhancement of digestion through microwave pretreatment	
Drummond, Christopher	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Robust learning and evaluation with impoverished training data	
Du, Weichang	University of New Brunswick	Computer Science, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High-level programming paradigm for context- aware computing	
Dubé, Danny	Université Laval	Informatique et de génie logiciel	Québec	CANADA	20/04/2007	2	43,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Adaptive static analysis for high-level languages applied to abstract profiling of programs	
Dubé, Dominique	Université Laval	Génie des mines, métallurgie et matériaux	Québec	CANADA	20/04/2007	5	133,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Élaboration et caractérisation d'alliages légers moulés en présence de vibrations	
Dubé, Jean-Sébastien	École de technologie supérieure	Génie de la construction	Québec	CANADA	20/04/2007	5	97,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hydrodynamique des sols anthropiques urbains hétérogènes	
Dubé, Monique	University of Saskatchewan	Veterinary Biomedical Sciences	Saskatchewan	CANADA	20/04/2007	5	81,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Direct and indirect effects of metal pollutants on lotic food webs: comparative sensitivities of warmwater and coldwater forage fish	
Dubois, Charles	École Polytechnique de Montréal	Génie chimique	Québec	CANADA	20/04/2007	5	130,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Novel polymers coatings for nanosized materials	
Dubuc, Réjean	Université du Québec à Montréal	Kinanthropologie	Québec	CANADA	20/04/2007	5	213,755	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neural control of respiration in lampreys	

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Duchaîne, Thomas	McGill University	McGill Cancer Centre	Québec	CANADA	20/04/2007	5	140,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The role of tandem tudor domain proteins in RNAi	
Dugas, Charles	Université de Montréal	Mathématiques et de statistique	Québec	CANADA	20/04/2007	2	34,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Financial data-mining	
Duguay, Claude	University of Waterloo	Geography	Ontario	CANADA	20/04/2007	5	120,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Northern hemisphere lake ice cover under contemporary and future climate conditions	
Dumontier, Michel	Carleton University	Biology	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biological knowledge discovery using the semantic web framework	
Dumouchel, Pierre	École de technologie supérieure	Génie logiciel et des TI	Québec	CANADA	20/04/2007	5	81,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Emotion detection by computer	
Durocher, Gilles	Université de Montréal	Chimie	Québec	CANADA	20/04/2007	5	140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	electronic spectroscopy and molecular photophysics of oligomers and polymers	
Dushoff, Jonathan	McMaster University	Biology	Ontario	CANADA	20/04/2007	1	28,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multiscale modeling of infectious diseases of humans	
Dutchyn, Christopher	University of Saskatchewan	Computer Science	Saskatchewan	CANADA	20/04/2007	5	102,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modularizing Control	
Dutton, Roshni	Ryerson University	Chemical Engineering	Ontario	CANADA	20/04/2007	4	88,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Characterization, modeling and environmental manipulation of mammalian cell culture systems for optimal protein production	

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Dyer, Charles	University of Toronto	Astronomy and Astrophysics	Ontario	CANADA	20/04/2007	5	115,845	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applications of general relativity to astrophysics and cosmology	
Dywan, Jane	Brock University	Psychology	Ontario	CANADA	20/04/2007	5	89,025	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Aging, memory, and attentional control	
Dzierszinski, Florence	McGill University	Parasitology, Institute of (Macdonald)	Québec	CANADA	20/04/2007	5	175,295	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interactions between the protozoan parasite toxoplasma gondii and the antigen presentation pathways in the host cell	
Easa, Said	Ryerson University	Civil Engineering	Ontario	CANADA	20/04/2007	5	165,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of innovative road safety and design initiatives	
Easton, Bradley	University of Ontario Institute of Technology	Science, Faculty of	Ontario	CANADA	20/04/2007	3	76,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure-property relationships and electrochemical studies of novel inorganic-organic hybrid materials	
Eberl, Hermann Josef	University of Guelph	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Meso-scale modeling, analysis and simulation of bacterial biofilms	
Eck, Douglas	Université de Montréal	Informatique et recherche opérationnelle	Québec	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Learning musical structure with machines	
Eckert, Christopher	Queen's University	Biology	Ontario	CANADA	11/05/2007	5	301,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Experimental analysis of adaptation in plants: from reproduction to range limits	
Eckford, Andrew	York University	Computer Science and Engineering	Ontario	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Practical methods for maximizing information transmission in wireless sensor networks	

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Edelstein-Keshet, Leah	University of British Columbia	Mathematics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mathematical models of actin in cell motility and of swarms/schools in social aggregation	
Edwards, Roderick	University of Victoria	Mathematics and Statistics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamics of neuronal and genetic networks	
Egerton, Raymond	University of Alberta	Physics	Alberta	CANADA	20/04/2007	5	70,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fabrication and analytical electron microscopy of nanostructures	
Eichhorn, Holger	University of Windsor	Chemistry and Biochemistry	Ontario	CANADA	20/04/2007	5	165,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Soft matter materials chemistry	
Eikerling, Michael	Simon Fraser University	Chemistry	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	2	103,872	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular modeling of interfacial structure and dynamics in proton conductors for fuel cells	
El Ocla, Hossam	Lakehead University	Computer Science	Ontario	CANADA	20/04/2007	5	108,700	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Radar detection systems of targets in random media using wireless network-based communication system	
El-Badry, Mamdouh	University of Calgary	Civil Engineering	Alberta	CANADA	20/04/2007	5	140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Innovative design and solutions for improved performance of bridges and structures	
EL-Dariby, Mohamed	University of Regina	Engineering, Faculty of	Saskatchewan	CANADA	20/04/2007	2	32,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A scalable wireless computing platform for wireless mesh networks	
Eleftheriades, George	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	275,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Negative-refraction transmission-line metamaterials	
Elektorowicz, Maria	Concordia University	Building, Civil and Environmental Engineering	Québec	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigation hybrid electrokinetic methods for soil, sediments and wastewater treatment	

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Elezzabi, Abdulhakem	University of Alberta	Electrical & Computer Engineering	Alberta	CANADA	20/04/2007	5	245,190	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ultrafast nano- and terahertz photonics	
Elhedhli, Samir	University of Waterloo	Management Sciences	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Simulation-based optimization for strategic design problems	
Elias, Lorin	University of Saskatchewan	Psychology	Saskatchewan	CANADA	20/04/2007	2	30,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Laterality in temporal processing and spatial attention	
Elio, Renée	University of Alberta	Computing Science	Alberta	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational models for intention handling	
El-Kadi, Ayman	University of Alberta	Pharmacy/Pharmaceutical Science, Faculty of	Alberta	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Effect of heavy metals on aryl hydrocarbon receptor-regulated genes	
El-Kassaby, Yousry	University of British Columbia	Forest Sciences Centre	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	195,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular breeding using forest trees as a model	
El-Khatib, Khalil	University of Ontario Institute of Technology	Business and Information Technology, Faculty of	Ontario	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	protecting user's privacy in ubiquitous computing environments	
Elliott, Digby	McMaster University	Kinesiology	Ontario	CANADA	20/04/2007	2	82,130	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Visual control of upper limb movements	
Elliott, George	University of Toronto	Mathematics	Ontario	CANADA	20/04/2007	5	285,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Operator algebras and applications	
Ellis, Randy	Queen's University	Computing, School of	Ontario	CANADA	20/04/2007	5	230,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Technologies for image guided therapy	

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Ellison, Sara	University of Victoria	Physics and Astronomy	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	231,695	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Probing galaxies with quasar absorption lines	
Ellyin, Fernand	University of British Columbia	Materials Engineering	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	310,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Long-term performance evaluation and prediction of composite materials and structures	
El-Marakby, Randa	University of Windsor	Computer Science, School of	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Context-aware quality of service provisioning for real-time multimedia communications	
El-Saadany, Ehab	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	20/04/2007	5	147,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Distributed generation option for optimam electricity system	
El-Salakawy, Ehab	University of Manitoba	Civil Engineering	Manitoba	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Behaviour of FRP- reinforced concrete beam- column joints	
El-Sankary, Kamal	Dalhousie University	Electrical & Computer Engineering	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	112,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High temperature integrated circuits in ultra deep submicron CMOS technologies for sensor network systems	
Emslie, David	McMaster University	Chemistry	Ontario	CANADA	20/04/2007	3	111,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Rigid non-carbocyclic ligand supported complexes for the study of unusual metal-ligand interactions adn applications in catalysis	
England, John	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	20/04/2007	5	325,550	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quaternary environmental change across the western canadian arctic archipelago	
English, Ann	Concordia University	Chemistry and Biochemistry	Québec	CANADA	20/04/2007	5	405,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biological redox chemistry underlying nitric oxide and hydrogen peroxide signaling	

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English, Jayanne	University of Manitoba	Physics & Astronomy	Manitoba	CANADA	20/04/2007	2	30,892	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Idealizing spiral galaxies for studies of their halos	
Epstein, Norman	University of British Columbia	Chemical and Biological Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	77,025	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Transfer processes	
Eramian, Mark	University of Saskatchewan	Computer Science	Saskatchewan	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computer assisted diagnosis using ultrasonography	
Erdahl, Robert	Queen's University	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Open problems in geometry of numbers, and the geometry of quantum phases	
Evans, Ben	McMaster University	Biology	Ontario	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Genetics of reproductive isolation and sex determination in allopolyploid clawed frogs (xenopus)	
Evans, Michael (Ted)	University of Alberta	Physics	Alberta	CANADA	20/04/2007	5	111,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Electron microscopy, magnetoclimatology, archaeomagnetic secular variation	
Evans, Philip	University of British Columbia	Wood Science	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	150,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Wavelength dependent photodegradation of wood	
Everling, Stefan	University of Western Ontario	Physiology and Pharmacology	Ontario	CANADA	20/04/2007	5	117,435	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Influence of high-level visual processes on saccadic eye movements	
Fabry, Frédéric	McGill University	Atmospheric and Oceanic Sciences	Québec	CANADA	20/04/2007	5	105,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improving severe storms forecasts by better constraining initial conditions	

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Fafard, Mario	Université Laval	Génie civil	Québec	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modélisation de problèmes multi-physiques couplés dans le domaine de l'aluminium	
Fagnou, Keith	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	20/04/2007	3	180,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New methods for the synthesis of biaryl compounds	
Fagotto, François	McGill University	Biology	Québec	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cellular mechanisms of embryonic boundary during notochord formation in enopus	
Fahlman, Richard	University of Alberta	Biochemistry	Alberta	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Starving transfer RNAs	
Falconer, David	Carleton University	Systems and Computer Engineering	Ontario	CANADA	20/04/2007	5	163,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multiuser digital wireless communications systems	
Fallis, Alexander	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	20/04/2007	5	275,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthesis organic chemistry: natural products (vinigrol), unnatural products (allenophanes, C60) organic materials (soluble pentacenes for thin film electronics)	
Fapojuwo, Abraham	University of Calgary	Electrical & Computer Engineering	Alberta	CANADA	20/04/2007	5	108,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Network architecture and protocols for wireless sensor systems	
Farah, Ilijas	York University	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	65,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Automorphisms of the calkin algebra	
Farquharson, Colin	Memorial University of Newfoundland	Earth Sciences	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	82,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modelling and inversion of geophysical electromagnetic data	

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Fathallah, Habib	Université Laval	Génie électrique et génie informatique	Québec	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	optical coding technology in fibre optic networking and applications	
Favis, Basil	École Polytechnique de Montréal	Génie chimique	Québec	CANADA	20/04/2007	5	207,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High performance materials from biopolymer blends	
Fawcett, James	Dalhousie University	Pharmacology	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	3	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Elucidation of the function of a CAPON splice variant in neurons	
Fayek, Mostafa	University of Manitoba	Geological Sciences	Manitoba	CANADA	20/04/2007	5	106,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multi-scale studies in fluid-rock interactions	
Fazel-Rezai, Reza	University of Manitoba	Electrical and Computer Engineering	Manitoba	CANADA	20/04/2007	5	94,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Robust analysis of dynamical change in scalp electroencephalogram time series	
Fazio, Paul	Concordia University	Building, Civil and Environmental Engineering	Québec	CANADA	20/04/2007	5	275,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigation of building envelope performance	
Fear, Elise	University of Calgary	Electrical & Computer Engineering	Alberta	CANADA	20/04/2007	5	165,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of non-invasive diagnostic medical technologies	
Fedorova, Alexandra	Simon Fraser University	Computing Science	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	97,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Use of operating system scheduling for enhanced performance and usability of chip multiprocessing systems	
Fekl, Ulrich	University of Toronto	Chemical and Physical Sciences	Ontario	CANADA	20/04/2007	3	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Electrophilic metal complexes: new topologies, new modes of substrate binding	

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Feldman, Anatol	Université de Montréal	Physiologie	Québec	CANADA	20/04/2007	5	119,375	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Guiding multiple muscles and joints without redundancy problems: the principle of minimal interaction	
Feng, Zhong-Ping	University of Toronto	Physiology	Ontario	CANADA	20/04/2007	2	50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Rhythm control of lymnaea respiratory CPG neurons	
Fennel, Katja	Dalhousie University	Oceanography	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advancing marine biogeochemical modeling through assimilation of data from autonomous ocean observing systems and paleoceanographic records	
Fenniri, Hicham	University of Alberta	Chemistry	Alberta	CANADA	20/04/2007	1	45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	From small molecules to complex supramolecular architectures: underlying physical concepts and phenomena	
Ferguson, Ian	University of Manitoba	Geological Sciences	Manitoba	CANADA	20/04/2007	5	112,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Electromagnetic imaging of continental lithosphere	
Fernandez-Patron, Carlos	University of Alberta	Biochemistry	Alberta	CANADA	20/04/2007	3	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Unbiased/trageted analysis of the mitochondrial proteome in two states	
Fernando, Xavier	Ryerson University	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Signal processing for radio over fiber systems	

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Ferrarese, Laura	University of Victoria	Physics and Astronomy	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	107,575	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The inner workings of early-type galaxies: the relation between nuclear star clusters, cores, and supermassive black holes	
Ferretti, Todd	Wilfrid Laurier University	Psychology	Ontario	CANADA	20/04/2007	5	113,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Understanding language comprehension	
Fetecau, Razvan	Simon Fraser University	Mathematics	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	65,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Compressible euler and kuramoto-sivashinsky- type equations	
Fich, Michel	University of Waterloo	Physics and Astronomy	Ontario	CANADA	20/04/2007	5	121,370	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Star formation and the interstellar medium	
Field, Christopher	Dalhousie University	Mathematics and Statistics	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Robustness and applications to biology	
Filion, Louise	Université Laval	Géographie	Québec	CANADA	20/04/2007	5	241,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamique des versants forestiers en région boréale et environnements holocènes sur la Basse Côte-Nord du Saint- Laurent	
Finan, Turlough	McMaster University	Biology	Ontario	CANADA	20/04/2007	5	350,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular genetics of the sinorhizobium meliloti - alfalfa symbiosis	
Finkelstein, Sarah	University of Toronto	Geography	Ontario	CANADA	20/04/2007	3	48,780	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Lake sediment records of artic ecosystem responses to holocene climatic changes	
Finlay, Warren	University of Alberta	Mechanical Engineering	Alberta	CANADA	20/04/2007	5	276,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Aerosol mechanics in replicas of extrathoracic airways of infants and children	

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Fiset, Sylvain	Université de Moncton	Psychologie, École de	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	83,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	La mémoire spatiale chez le chien domestique : le rôle des repères multiples et la nature des relations spatiales encodées	
Fisk, Aaron	University of Windsor	Great Lakes Inst. for Environmental Res. (GLIER)	Ontario	CANADA	20/04/2007	5	123,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Developing a multi- chemical tracer method for quantifying temporal variation in food web structure and dynamics	
Fleming, Michael	University of New Brunswick	Computer Science, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Designing decision- making agents for electronic markets	
Fogg, Deryn	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	20/04/2007	5	320,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Olefin metathesis asymmetric metathesis and tandem catalysis	
Folkins, Ian	Dalhousie University	Physics and Atmospheric Science	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	105,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of a new parameterization of tropical convection	
Fong, Philip	University of Regina	Computer Science	Saskatchewan	CANADA	20/04/2007	5	128,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Programming abstractions for access control: capability, delegation, obligation	
Ford, Bruce	University of Manitoba	Botany	Manitoba	CANADA	20/04/2007	5	105,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Systematics of cariceae (cyperaceae)	
Ford, Nancy	Ryerson University	Physics	Ontario	CANADA	20/04/2007	3	51,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Feasibility of in vivo longitudinal micro-CT studies	
Fortier, Louis	Université Laval	Biologie	Québec	CANADA	20/04/2007	5	173,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Climate and ice-covered seas ecosystems	

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Fortier, Louis-Charles	Université de Sherbrooke	Microbiologie infectiologie	Québec	CANADA	20/04/2007	3	72,510	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Characterization of mobile genetic elements from clostridium difficile and development of molecular tools for genetic manipulations	
Fortier, Paul	Université Laval	Génie électrique et génie informatique	Québec	CANADA	20/04/2007	5	144,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Efficient architectures for wireless communications	
Fortin, André	Université Laval	Mathématiques et statistique	Québec	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modélisation numérique de problème d'ingénierie	
Fortin, Clément	École Polytechnique de Montréal	Génie mécanique	Québec	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Harnessing complementary product and process models to support change processes in product lifecycle activities for extended PLM solutions	
Fortin, Marc	McGill University	Plant Science	Québec	CANADA	20/04/2007	2	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Understanding molecular exchanges between plant cells and viruses	
Foschi, Ricardo	University of British Columbia	Civil Engineering	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	3	51,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Reliability, performance- based design and code calibration in earthquake engineering	
Foster, Warren	McMaster University	Obstetrics and Gynecology	Ontario	CANADA	20/04/2007	1	35,136	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Toxicant-induced resistance to ANOIKIS in estrogen sensitive target tissues	
Fotouhi, Reza	University of Saskatchewan	Mechanical Engineering	Saskatchewan	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamics, control, and path planning of flexible manipulators and mobile robots	
Fournier, Sylvie	McGill University	Microbiology and Immunology	Québec	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of B7.2-mediated costimulation in Tcell homeostasis	

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Fox, Michael	Trent University	Environmental and Resource Studies	Ontario	CANADA	20/04/2007	5	139,550	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Life history variation in native and non-native fishes	
Fralick, Philip	Lakehead University	Geology	Ontario	CANADA	20/04/2007	5	111,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Precambrian sedimentary assemblages: keys to understanding ocean- atmosphere evolution and tectonic processes on the young earth	
Franck, Jens	University of Winnipeg	Biology	Manitoba	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional and evolutionary characterization of the zebrafish ryanodine receptor multigene family	
François, Roger	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	155,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development and application of geochemical tracers for paleo and modern oceanography	
Frank, Brian	Queen's University	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	89,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ka-band CMOS for communications applications	
Freeland, Joanna	Trent University	Biology	Ontario	CANADA	20/04/2007	5	120,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biological invasions and the spatial ecology of genes	
Freeman, George	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	context-aware speech recognition	
Frenette, Jean-Jacques	Université du Québec à Trois-Rivières	Chimie-biologie	Québec	CANADA	20/04/2007	5	72,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spatial heterogeneity and biological productivity in a large river ecosystem	

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Freund, Michael	University of Manitoba	Chemistry	Manitoba	CANADA	20/04/2007	5	225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functionalization and Nanostructural Engineering of Conducting Polymers	
Friedman, Joel	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Expanders and related topics	
Friesen, Victoria	Queen's University	Biology	Ontario	CANADA	20/04/2007	5	310,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanisms of population differentiation and speciation in birds	
Frigon, Dominic	McGill University	Civil Engineering & Applied Mechanics	Québec	CANADA	20/04/2007	4	96,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrating phylogenetics genomics and ecophysiology guided	
Friskén, Barbara	Simon Fraser University	Physics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	183,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure and dynamics of soft condensed matter	
Froda, Sorana	Université du Québec à Montréal	Mathématiques	Québec	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cyclic data and planar ordinary differential equations: statistical modeling and inference	
Frolov, Andrei	Simon Fraser University	Physics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	82,749	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Strong Gravity in Cosmology and Astrophysics	
Fryxell, John	University of Guelph	Integrative Biology	Ontario	CANADA	20/04/2007	5	211,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spatial dynamics and food-web interactions	
Fyles, Thomas	University of Victoria	Chemistry	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	380,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Membrane transport systems	
Gagné, Christina	University of Alberta	Psychology	Alberta	CANADA	20/04/2007	5	109,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Representation and access of relational information during conceptual combination	

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Gagné, Richard	Université de Sherbrooke	Génie civil	Québec	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Développement de matrices cimentaires à fort potentiel de cicatrisation	
Gagnon, Denis	Université de Sherbrooke	Kinanthropologie	Québec	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Calibrage personnalisé de modèles musculo-squelettiques de la colonne vertébrale lombaire	
Gakwaya, Augustin	Université Laval	Génie mécanique	Québec	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modélisation des solides composites en conception d'équipements soumis aux impacts à grande vitesse	
Galea, Liisa	University of British Columbia	Psychology	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	254,610	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hormones and learning and memory	
Galiana, Francisco	McGill University	Electrical & Computer Engineering	Québec	CANADA	20/04/2007	5	245,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Operation and planning of large-scale electric power systems	
Galiana, Henrietta	McGill University	Biomedical Engineering	Québec	CANADA	20/04/2007	5	292,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Signal processing, identification and control in switched non-linear systems	
Ganesan, Rajamohan	Concordia University	Mechanical and Industrial Engineering	Québec	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stochastic dynamic response and progressive failure of tapered composite structures	
Gao, Jun	Queen's University	Physics	Ontario	CANADA	20/04/2007	5	169,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Polymer p-i-n junction for photonic device applications	
Gao, Xin	York University	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical modeling and inference for high-dimensional biological data	

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Gardiner, Phillip	University of Manitoba	Kinesiology & Recreation Management, Faculty of	Manitoba	CANADA	20/04/2007	5	266,875	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Responses of dorsal root ganglion cells to increased and decreased neuromuscular activity	
Garneau, Michelle	Université du Québec à Montréal	Géographie	Québec	CANADA	20/04/2007	2	34,180	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamique à long terme du carbone dans les milieux humides	
Garousi, Vahid	University of Calgary	Electrical & Computer Engineering	Alberta	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Model-based testing and analysis of distributed, embedded and real-time systems	
Garrett, Christopher	University of Victoria	Physics and Astronomy	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	125,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Physical oceanography	
Gaudet, Vincent	University of Alberta	Electrical & Computer Engineering	Alberta	CANADA	20/04/2007	5	146,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evaluating energy tradeoffs in coded systems	
Gaudreau, Luc	Université de Sherbrooke	Biologie	Québec	CANADA	20/04/2007	2	48,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of eukaryotic transcription regulators in the regulation of stochastic gene expression	
Gauld, James	University of Windsor	Chemistry and Biochemistry	Ontario	CANADA	20/04/2007	5	200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational investigations on biochemical phenomena	
Gauthier, Michel	Université du Québec à Montréal	Sciences de la terre et de l'atmosphère	Québec	CANADA	20/04/2007	5	119,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	La métallogénie des terrains métamorphiques: depuis l'échelle du grain de minerai jusqu'à celle du territoire prospectif	
Gauthier, Paul	Université de Montréal	Mathématiques et de statistique	Québec	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analytic approximation	

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Gavrilova, Marina	University of Calgary	Computer Science	Alberta	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Adaptive hierarchical approach to surface modeling and data management for biometric applications	
Ge, Hua	British Columbia Institute of Technology	Construction and the Environment, School of	British Columbia/ Colombie-Britannique	CANADA	11/05/2007	5	97,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Wind-driven rain and its impact on building envelopes	
Gee, Katrina	Queen's University	Microbiology and Immunology	Ontario	CANADA	11/05/2007	5	140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of IL-23 expression in human monocytic cells	
Gendron, Louis	Université de Sherbrooke	Physiologie et biophysique	Québec	CANADA	20/04/2007	5	133,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mécanismes moléculaires et cellulaires de désensibilisation du récepteur opioïde delta	
Genov, Roman	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	112,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Smart sensory microsystems	
George, Graham	University of Saskatchewan	Geological Sciences	Saskatchewan	CANADA	20/04/2007	5	259,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spectroscopic studies of molybdenum enzymes	
Gerhard, David	University of Regina	Computer Science	Saskatchewan	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Voice modeling for music information retrieval and human-computer interaction	
Gerhard, Jason	University of Western Ontario	Civil and Environmental Engineering	Ontario	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Upscaling and optimizing emerging technologies for geoenvironmental restoration	
Ghahramani, Fereidoun	University of Manitoba	Mathematics	Manitoba	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	(Co)Homology and second duals of Banach algebras	

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Ghali, Amin	University of Calgary	Civil Engineering	Alberta	CANADA	20/04/2007	3	129,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	(1)Systems of reinforcing concrete for strength and ductility, (2) serviceability of concrete structures	
Ghaly, Wahid	Concordia University	Mechanical and Industrial Engineering	Québec	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development and integration of an aerodynamic design system for gas turbine blading	
Ghazzali, Nadia	Université Laval	Mathématiques et statistique	Québec	CANADA	20/04/2007	3	45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Classification et réseaux de neurones	
Ghent, Rebecca	University of Toronto	Geology	Ontario	CANADA	20/04/2007	5	127,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Remote sensing and geological studies of planetary surfaces	
Ghouili, Jamel	Université de Moncton	Génie électrique	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optimisation énergétique d'un système de traction à pile à combustible et supercondensateur	
Ghrayeb, Ali	Concordia University	Electrical and Computer Engineering	Québec	CANADA	20/04/2007	5	137,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synchronization techniques for wideband multiple antenna systems	
Gianoulakis, Christina	McGill University	Psychiatry	Québec	CANADA	20/04/2007	5	199,695	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Implication of the endogenous opioid system in the genetic predisposition to alcoholism	
Giesy, John	University of Saskatchewan	Veterinary Biomedical Sciences	Saskatchewan	CANADA	20/04/2007	5	200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Risks of perfluorinated chemicals in the environment	
Gillespie, Deda	McMaster University	Psychology, Neuroscience & Behaviour	Ontario	CANADA	20/04/2007	3	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neural activity in a developing sensory system	

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Gillies, Elizabeth	University of Western Ontario	Chemistry	Ontario	CANADA	20/04/2007	3	126,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional biomaterials through synthesis and self-assembly	
Gillis, Darren	University of Manitoba	Zoology	Manitoba	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Behavioral and environmental patterns in commercial fisheries data	
Gingras, Michel	University of Waterloo	Physics and Astronomy	Ontario	CANADA	20/04/2007	5	355,860	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Aspects geometric and random frustration in magnetic	
Giordano, Thierry	University of Ottawa/ Université d'Ottawa	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Topological orbit equivalence, amenability, approximate transitivity, antiautomorphisms, unitary groups and operator algebras	
Giorgi, Javier	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	20/04/2007	2	94,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Oxide supported metal catalysis, structure reactivity studies	
Girard, Eric	Université du Québec à Montréal	Sciences de la terre et de l'atmosphère	Québec	CANADA	20/04/2007	5	100,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigation of the aerosol-cloud-radiation interactions over the Arctic during winter	
Gladman, Brett	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	292,375	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Planet formation and evolution: observational and dynamical studies	
Glasauer, Susan	University of Guelph	Land Resource Science	Ontario	CANADA	20/04/2007	5	155,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The fossilization of microorganisms in sedimentary environments	
Glass, Anthony	University of British Columbia	Botany	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	390,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular and physiological studies of nitrogen uptake in plants and fungi	

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Gleeson, Sarah	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	20/04/2007	5	155,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The origin of base metal mineralizing brines	
Glitho, Roch	Concordia University	Concordia Institute for Information Systems Engineering (CIISE)	Québec	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Service engineering in post 3G telecommunications networks	
Godbout, Stéphane	Université Laval	Sols & de génie agroalimentaire	Québec	CANADA	20/04/2007	3	51,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Production de bio-carburant à partir des déjections animales dans un contexte d'agriculture durable	
Goddyn, Luis	Simon Fraser University	Mathematics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Studies in graphs and matroids	
Godin, Jean-Guy	Carleton University	Biology	Ontario	CANADA	20/04/2007	3	109,710	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Social contexts and behavioural decisions in fishes	
Godin, Robert	Université du Québec à Montréal	Informatique	Québec	CANADA	20/04/2007	5	145,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Formal concept analysis and text mining	
Godt, Dorothea	University of Toronto	Cell & Systems Biology	Ontario	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Genetic regulation of morphogenesis	
Goel, Ashvin	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Towards designing dependable software systems	
Goertzen, Andrew	University of Manitoba	Radiology	Manitoba	CANADA	20/04/2007	5	122,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improving quantification of weak sources in positron emission tomography	
Goff, Alan	Université de Montréal	Médecine vétérinaire, faculté de	Québec	CANADA	20/04/2007	5	180,175	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	regulation of bovine endometrial function during the estrous cycle and early pregnancy	

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Goldak, John	Carleton University	Mechanical & Aerospace Engineering	Ontario	CANADA	20/04/2007	3	66,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational weld mechanics	
Goldberg, Ian	University of Waterloo	Computer Science, School of	Ontario	CANADA	20/04/2007	5	122,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Useful security and privacy for internet services	
Goldman, Samuel Pedro	Ryerson University	Physics	Ontario	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fast and accurate techniques for optimal design of radiation treatment of tumours and for CT image reconstruction	
Gole, Aniruddha	University of Manitoba	Electrical and Computer Engineering	Manitoba	CANADA	20/04/2007	5	288,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Electromagnetic transient simulation assisted design of power systems	
Golemi-Kotra, Dasantila	York University	Chemistry	Ontario	CANADA	20/04/2007	3	72,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Elucidation of the molecular mechanism of S. aureus response to cell-wall damage	
Golnaraghi, Farid	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	155,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Intelligent mechatronics systems	
Gombay, Edit	University of Alberta	Mathematical and Statistical Sciences	Alberta	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sequential testing and change detection algorithms	
Gong, Minglun	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Mathematics and Computer Science	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Real-time dynamic scene modeling and rendering	
Gooch, Amy	University of Victoria	Computer Science	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Preserving salience by maintaining perceptual differences for image creation and manipulation	

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Gooch, Bruce	University of Victoria	Computer Science	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Digital image forensics	
Goodale, Melvyn	University of Western Ontario	Psychology	Ontario	CANADA	20/04/2007	5	448,035	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The visual control of grasping	
Gopalakrishnan, Sathish	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	92,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Resource management for large real-time systems	
Gopaluni, Ratna Bhushan	University of British Columbia	Chemical and Biological Engineering	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Identification and experiment design for irregularly sampled processes	
Gordon, Reuven	University of Victoria	Electrical and Computer Engineering	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	220,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Plasmonics of nanostructured metals	
Gorelick, Root	Carleton University	Biology	Ontario	CANADA	20/04/2007	5	105,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	What is sex? How did it originate? Why does it persist?	
Gorzalka, Boris	University of British Columbia	Psychology	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	159,625	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Endocannabinoids and reproductive behaviour	
Gosine, Raymond	Memorial University of Newfoundland	Engineering & Applied Science, Faculty of	Newfoundland and Labrador/ Terre- Neuve-et-Labrador	CANADA	20/04/2007	5	174,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advances in telerobotics	
Gossage, Robert	Acadia University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The coordination chemistry of oxazolines and oxazoles	
Gosselin, Frédéric	Université de Montréal	Psychologie	Québec	CANADA	20/04/2007	5	88,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The decoding of facial expression of emotions in humans	

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Gosselin, Michel	Université du Québec à Rimouski	Sciences de la mer de Rimouski, Institut des	Québec	CANADA	20/04/2007	5	152,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Contrôle environnemental de la production primaire dans les eaux arctiques	
Goubran, Rafik	Carleton University	Systems and Computer Engineering	Ontario	CANADA	20/04/2007	5	185,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Smart VoIP and multimedia terminals	
Gough, Kathleen	University of Manitoba	Chemistry	Manitoba	CANADA	20/04/2007	5	240,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Vibrational spectroscopy microscopy and computational modelling	
Gour, Gilad	University of Calgary	Mathematics and Statistics	Alberta	CANADA	20/04/2007	3	45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The Capacities of Quantum Information	
Gourdeau, Richard	École Polytechnique de Montréal	Génie électrique	Québec	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced control of robotic systems using low cost sensors	
Goward, Gillian	McMaster University	Chemistry	Ontario	CANADA	20/04/2007	5	222,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Studying dynamics in alternative energy advanced materials using solid-state NMR spectroscopy	
Gracco, Vincent	McGill University	Communication Sciences & Disorders, School of	Québec	CANADA	20/04/2007	5	129,935	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Empirical studies of speech motor control	
Gradinaru, Claudiu	University of Toronto	Chemical and Physical Sciences	Ontario	CANADA	20/04/2007	5	147,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Watching proteins fold one at a time	
Graham, Jinko	Simon Fraser University	Statistics & Actuarial Science	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improved statistical methods for identifying generic risk factors underlying complex diseases	

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Graham, Nicholas	Queen's University	Computing, School of	Ontario	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Software engineering of collaborative systems	
Graham, Peter	University of Manitoba	Computer Science	Manitoba	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamic application composition for distributed systems	
Graham, Terence	University of Guelph	Human Health and Nutritional Sciences	Ontario	CANADA	20/04/2007	1	47,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of muscle glycogen	
Granot, Frieda	University of British Columbia	Sauder School of Business	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	78,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	On dynamic pricing models and on qualitative analysis of non-deterministic models	
Grant, Jonathan	Dalhousie University	Oceanography	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	231,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spatial distribution of benthic-pelagic coupling	
Grant, Martin	McGill University	Physics	Québec	CANADA	20/04/2007	5	417,325	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nonequilibrium structures	
Gras, Robin	University of Windsor	Computer Science, School of	Ontario	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced probabilistic model building genetic algorithms and application to bioinformatics	
Grasselli, Giovanni	University of Toronto	Civil Engineering	Ontario	CANADA	20/04/2007	5	112,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Influence of fracture roughness and micro-scale rock properties on the hydro-mechanical behaviour of fractured rock masses	
Gratton, Alain	McGill University	Psychiatry	Québec	CANADA	20/04/2007	5	165,535	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Electrochemical monitoring of dopamine in the rat brain	

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Gravel, Michel	University of Saskatchewan	Chemistry	Saskatchewan	CANADA	20/04/2007	3	76,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New directions in asymmetric organocatalysis	
Gray, David	University of Western Ontario	Physics and Astronomy	Ontario	CANADA	20/04/2007	2	55,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamics of stellar atmospheres	
Grbic, Miodrag	University of Western Ontario	Biology	Ontario	CANADA	20/04/2007	5	225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolution of pattern formation in insects	
Greatbatch, Richard	Dalhousie University	Oceanography	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	245,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Eddies, mixing and recent climate change	
Green, Beverley	University of British Columbia	Botany	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	460,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algae with chlorophyll c: genomics, molecular evolution, photosynthesis	
Green, David	McGill University	Redpath Museum	Québec	CANADA	20/04/2007	5	182,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ecology, distribution and dispersal of amphibians	
Greenough, John	University of British Columbia	Unit 3 - Chemistry & Earth and Environmental Science (Okanagan)	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	72,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applications of geochemistry to igneous petrology	
Greenstreet, Mark	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	94,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analysis, verification and design for energy aware computation	
Greenwood, John	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cysteine proteinases and programmed cell death in tomato	
Greer, Jim	University of Saskatchewan	Computer Science	Saskatchewan	CANADA	20/04/2007	5	142,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Privacy-enhanced personalization for online learning	

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Gregoire, Jean-Charles	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunication - Montréal	Québec	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	User-centered control of quality of service	
Gregory, David	Queen's University	Mathematics and Statistics	Ontario	CANADA	20/04/2007	3	30,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Topics in combinatorial matrix theory	
Greif, Chen	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Preconditioners for saddle point linear systems	
Greiner, Russell	University of Alberta	Computing Science	Alberta	CANADA	20/04/2007	5	210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Machine learning for bio- and medical-informatics	
Gribble, Paul	University of Western Ontario	Psychology	Ontario	CANADA	20/04/2007	5	155,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cognitive and sensory basis of motor learning	
Grierson, Donald	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computer-based analysis and design of structures	
Groeneveld, Dionysius	University of Ottawa/ Université d'Ottawa	Mechanical Engineering	Ontario	CANADA	20/04/2007	3	48,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Effect of flow obstruction on single-phase heat transfer	
Grogono, Peter	Concordia University	Computer Science and Software Engineering	Québec	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modular concurrent programming	
Gryn timer, Marc	University of Toronto	Materials Science and Engineering	Ontario	CANADA	11/05/2007	5	126,700	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanisms of degradation of calcium polyphosphates	
Gu, Qianping	Simon Fraser University	Computing Science	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optimization algorithms for WDM optical networks	

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Guay, Martin	Queen's University	Chemical Engineering	Ontario	CANADA	20/04/2007	5	133,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optimization and control of large-scale dynamical systems	
Guéhéneuc, Yann-Gaël	Université de Montréal	Informatique et recherche opérationnelle	Québec	CANADA	20/04/2007	5	130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Understanding the impact of software design patterns and design defects	
Guenat, Olivier	École Polytechnique de Montréal	Génie physique	Québec	CANADA	20/04/2007	5	140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High functionality cell culture platform permitting real time monitoring of cell functions induced by local drug delivery	
Guenther, Axel	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	20/04/2007	5	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multiphase microfluidic transport processes for tailoring (nano)materials	
Guenther, David	Saint Mary's University	Astronomy and Physics	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	231,695	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stellar Seismology	
Guerra, Eduard	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Engineering, School of	Ontario	CANADA	20/04/2007	4	96,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optimization of current distribution in EW reactors	
Guichard, Frédéric	McGill University	Biology	Québec	CANADA	20/04/2007	5	96,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Variability across scales in coastal ecosystems	
Guigard, Selma	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Supercritical fluid extraction for the remediation of soils contaminated with heavy metals and organics	
Guilbault, Raynald	École de technologie supérieure	Génie mécanique	Québec	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modélisation dynamique des engrenages hélicoïdaux, coniques et hypocycliques - phase 2	

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Guillemette, Chantal	Université Laval	Pharmacie, Faculté de	Québec	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A novel class of udp- glucuronosyltransferase enzymes (UGTs) that control cell metabolism	
Guillemette, Joseph Guy	University of Waterloo	Chemistry	Ontario	CANADA	20/04/2007	5	325,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation and mechanism of nitric oxide synthase isozymes	
Guinel, Frédérique	Wilfrid Laurier University	Biology	Ontario	CANADA	20/04/2007	5	160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The role(s) played by plant hormones in the regulation of symbiotic structures	
Gulder, Omer	University of Toronto	Aerospace Studies, Institute for	Ontario	CANADA	20/04/2007	5	215,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fundamental flame studies of turbulent premixed combustion	
Gumel, Abba	University of Manitoba	Mathematics	Manitoba	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mathematical approaches for controlling emerging and re-emerging diseases	
Gunn, Eldon	Dalhousie University	Industrial Engineering	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	165,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Operations research methods for forest management and production planning	
Guo, Xulin	University of Saskatchewan	Geography	Saskatchewan	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improved LAI estimation and simulation	
Gupta, Radhey	McMaster University	Biochemistry and Biomedical Sciences	Ontario	CANADA	20/04/2007	5	110,700	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applications of rare genomic changes for understanding cyanobacterial phylogeny and the plastids origin	
Gupta, Rajender	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	20/04/2007	5	160,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fate of trace elements and ash formation during combustion and gasification of coal	

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Gurka, Roi	University of Western Ontario	Mechanical and Materials Engineering	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Experimental investigation of air-sea interaction	
Gustafson, Paul	University of British Columbia	Statistics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	145,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bayesian statistical methodology	
Gustafson, Stephen	University of British Columbia	Mathematics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nonlinear evolution equations: localized structures, singularities, and asymptotic dynamics	
Guthrie, Peter	University of Western Ontario	Chemistry	Ontario	CANADA	20/04/2007	5	190,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chemical origins of enzymic catalysis	
Gutwin, Carl	University of Saskatchewan	Computer Science	Saskatchewan	CANADA	20/04/2007	5	170,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	software Infrastructure for next-generation groupware	
Gzara, Fatma	York University	Management Science	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Network design optimization with applications in logistics and telecommunications	
Habibi, Hamid	University of Calgary	Biological Sciences	Alberta	CANADA	20/04/2007	5	238,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hormonal control of reproduction in goldfish	
Hadjisophocleous, George	Carleton University	Civil and Environmental Engineering	Ontario	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fire safety in atria, tunnels and subway stations	
Haeryfar, Seyed Mohammad Mansour	University of Western Ontario	Microbiology and Immunology	Ontario	CANADA	20/04/2007	5	215,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Deciphering a novel function for TdT in enforcing immunodominance hierarchies of CD8+T lymphocytes	

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Haffner, Douglas	University of Windsor	Great Lakes Inst. for Environmental Res. (GLIER)	Ontario	CANADA	20/04/2007	5	129,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantifying persistent chemical accumulation in fish as a function of bioenergetic demands and growth rates	
Hagemeister, Nicola	École de technologie supérieure	Génie de la production automatisée	Québec	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Méthodes avancées de mesures expérimentales en orthopédie humaine et animale	
Haley, David	University of Toronto	Life Sciences - Scarborough	Ontario	CANADA	20/04/2007	5	93,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neuroendocrine modulators of infant memory	
Halfar, Jochen	University of Toronto	Chemical and Physical Sciences	Ontario	CANADA	20/04/2007	5	101,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Coralline red algae as recorders of mid- and higher-latitude paleoclimates	
Hall, Dennis	University of Alberta	Chemistry	Alberta	CANADA	20/04/2007	5	525,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New methods, natural product synthesis, and chemical biology with boronic acids	
Hall, Jeremy	Memorial University of Newfoundland	Earth Sciences	Newfoundland and Labrador/ Terre- Neuve-et-Labrador	CANADA	20/04/2007	5	300,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Seismological imaging and evolution of young plate margins and their associated basins.	
Hall, Jocelyn	University of Alberta	Biological Sciences	Alberta	CANADA	20/04/2007	5	153,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Phylogenetics an morphological diversification in capparaceae, cleomaceae, and brassicaceae	
Hall, Kimberley	Dalhousie University	Physics and Atmospheric Science	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	222,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The investigation and control of spin dynamics in semiconductors using ultrafast optical methods	
Hall, Patrick	York University	Physics and Astronomy	Ontario	CANADA	20/04/2007	5	121,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	connections between active galactic nuclei and galaxy bulges	

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Hallam, Steven	University of British Columbia	Microbiology and Immunology	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	180,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The molecular basis of anaerobic methane oxidation	
Hamam, Habib	Université de Moncton	Génie électrique	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Effets optiques, RF et quantiques des structures périodiques spaciales et temporelles	
Hamann, Andreas	University of Alberta	Renewable Resources	Alberta	CANADA	20/04/2007	5	81,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Historical biogeography of tree species in the pacific northwest: a niche modeling approach	
Hamarneh, Ghassan	Simon Fraser University	Computing Science	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational optimization techniques for medical image analysis	
Hamielec, Alvin	McMaster University	Chemical Engineering	Ontario	CANADA	20/04/2007	3	84,060	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The effect of micro and macro mixing in continuous polymer reactor systems on long chain branching frequency and structure	
Hamilton-Wright, Andrew	University of Guelph	Computing and Information Science	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Decision making using electromyographic signals	
Hamouda, Walaa	Concordia University	Electrical and Computer Engineering	Québec	CANADA	20/04/2007	5	85,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design of multiple-input multiple-output sytems for future wireless networks	
Hamou-Lhadj, Abdelwahab	Concordia University	Electrical and Computer Engineering	Québec	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Program comprehension through dynamic analysis	
Handelman, David	University of Ottawa/ Université d'Ottawa	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Positivity, harmonicity, and random walks	

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Hanes, David	Queen's University	Physics	Ontario	CANADA	20/04/2007	5	148,945	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Extragalactic globular cluster systems as dynamical probes of galaxy formation and interaction	
Hangan, Horia	University of Western Ontario	Civil and Environmental Engineering	Ontario	CANADA	20/04/2007	5	117,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigation of turbulent shear and vortex flows with applications to wind engineering and wind energy	
Hanley, James	McGill University	Epidemiology and Biostatistics	Québec	CANADA	20/04/2007	5	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical methods for assessing diagnostic tests & estimating individualized probabilities of therapeutic benefit	
Hanna, Adel	Concordia University	Building, Civil and Environmental Engineering	Québec	CANADA	20/04/2007	5	87,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Performance of laterally loaded piles driven in collapsible soils	
Hansen, Pierre	HEC Montréal	Méthodes quantitatives de gestion, Service de l'enseignement des	Québec	CANADA	20/04/2007	5	275,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Global and combinatorial optimization	
Hanson, Mark	University of Manitoba	Environment & Geography	Manitoba	CANADA	20/04/2007	5	86,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrating ecology into bioassays and biomarkers to protect the environment	
Harden, James	University of Ottawa/ Université d'Ottawa	Physics	Ontario	CANADA	20/04/2007	5	260,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biomolecular assemblies and soft nanostructured materials	
Harder, Lawrence	University of Calgary	Biological Sciences	Alberta	CANADA	20/04/2007	5	264,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ecology and evolution of reproductive diversity in plants	
Hare, James	University of Manitoba	Zoology	Manitoba	CANADA	20/04/2007	5	125,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sociality, communication and animal cognitive abilities	

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Harley, Christopher	University of British Columbia	Zoology	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	51,960	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Climate change impacts in the marine environment	
Harnad, John	Concordia University	Mathematics and Statistics	Québec	CANADA	20/04/2007	5	170,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Random matrices and integrable systems	
Harrington, David	University of Victoria	Chemistry	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	252,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Surface electrochemistry	
Harris, Ralph	McGill University	Mining, Metals & Materials Engineering	Québec	CANADA	20/04/2007	3	82,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Technology for a sustainable Canadian metals extraction industry	
Harrison, Paul	McMaster University	Chemistry	Ontario	CANADA	20/04/2007	5	215,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Natural products: biosynthesis, biomimetic synthesis and mechanism of action	
Hart, Bradd	McMaster University	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Topics in model theory	
Hart, Bruce	McGill University	Earth and Planetary Sciences	Québec	CANADA	20/04/2007	5	140,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	3-D seismic-based subsurface imaging	
Harvey, Stephen	University of Alberta	Physiology	Alberta	CANADA	20/04/2007	5	424,175	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Growth hormone as an autocrine/paracrine factor in chick embryogenesis: an retinal model	
Hasenkampf, Claire	University of Toronto	Life Sciences - Scarborough	Ontario	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigation of chromosome pairing, synaptonemal complex formation and reciprocal genetic exchange during meiosis in arabidopsis thaliana	

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Haslam, Michael	York University	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High-order electromagnetic modeling of antenna systems	
Hassan, Marwan	University of British Columbia	Geography	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	141,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Channel dynamics in steep mountain streams	
Hassan, Yasser	Carleton University	Civil and Environmental Engineering	Ontario	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Developing highway geometric design guidelines for the 21st century	
Hatzinakos, Dimitrios	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	144,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Efficient resource allocation strategies for wireless multimedia communications	
Haughn, George	University of British Columbia	Botany	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	360,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Arabidopsis seed coats as a model system for genetic analysis of plant cell wall biosynthesis and modification	
Hausmann, Ulrich	University of British Columbia	Mathematics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	27,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stochastic control in finance and economics	
Hawryshyn, Craig	Queen's University	Biology	Ontario	CANADA	20/04/2007	5	410,125	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Visual processes in African cichlid fishes	
Hay, Alexander	Dalhousie University	Oceanography	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	365,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Coastal and continental shelf oceanography	
Hayden, Michael	Simon Fraser University	Physics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	169,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Low-field nuclear magnetic resonance and polarized noble gases	

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Hayes, Paul	University of Lethbridge	Chemistry & Biochemistry	Alberta	CANADA	20/04/2007	3	70,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Organometallic complexes for application in new chemical transformations and catalysis	
Hayward, Vincent	McGill University	Electrical & Computer Engineering	Québec	CANADA	20/04/2007	5	241,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Physically and perceptually based haptics	
Hazendonk, Paul	University of Lethbridge	Chemistry & Biochemistry	Alberta	CANADA	20/04/2007	5	185,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Solid state NMR of fluorine containing materials	
Hazes, Bart	University of Alberta	Medical Microbiology and Immunology	Alberta	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Helicobacter pylori fucosyltransferases: substrate specificity and potential for glycoconjugate synthesis.	
He, Qi-Ming	Dalhousie University	Industrial Engineering	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	92,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Representations of phase type distributions and their applications in stochastic modelling	
He, Siyuan	Ryerson University	Mechanical and Industrial Engineering	Ontario	CANADA	20/04/2007	5	97,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of novel micro actuators and MEMS devices	
He, Yuping	University of Ontario Institute of Technology	Engineering and Applied Science, Faculty of	Ontario	CANADA	20/04/2007	5	92,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Automated design synthesis of mechatronic vehicles with integrated control systems	
Head, Jason	University of Toronto	Biology (Erindale)	Ontario	CANADA	20/04/2007	5	96,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Macroevolution of squamates (reptilia): integrating developmental physiological and historical approaches	

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Hearn, Elizabeth	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	155,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Numerical models of faulting and plate boundary deformation	
Heath, Matthew	University of Western Ontario	Kinesiology, School of	Ontario	CANADA	20/04/2007	5	142,435	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multisensory control of action	
Hebert, Paul	University of Guelph	Integrative Biology	Ontario	CANADA	20/04/2007	5	475,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Probing biodiversity and evolutionary processes through DNA barcoding	
Heckman, Nancy	University of British Columbia	Statistics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional data analysis	
Heerklotz, Heiko	University of Toronto	Pharmacy, Leslie Dan Faculty of	Ontario	CANADA	20/04/2007	3	85,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The interactions of drugs with biological and liposomal membranes	
Hegmann, Torsten	University of Manitoba	Chemistry	Manitoba	CANADA	20/04/2007	3	126,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Assembly and organization of nanoscale particles using thermotropic liquid crystals	
Helle, Steve	University of Northern British Columbia	Natural Resources & Environmental Studies, Fac. of	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	4	96,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optimization of wastewater and lignocellulosic hydrolysate fermentations	
Henderson, Charles	University of Calgary	Geology and Geophysics	Alberta	CANADA	20/04/2007	5	167,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chronocorrelation of the late paleozoic to triassic world: a time of climate and biodiversity change	
Hendry, Andrew	McGill University	Redpath Museum	Québec	CANADA	20/04/2007	5	250,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The microevolution of biological diversity	

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Henry, Olivier	École Polytechnique de Montréal	Génie chimique	Québec	CANADA	20/04/2007	4	101,360	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A physiological state-based approach to the development and control of mammalian cell culture processes	
Hepburn, John	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	2	180,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Laser chemistry: coherent control, aerosol chemistry, surface chemistry	
Herbut, Igor	Simon Fraser University	Physics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	211,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Effective theory of high temperature superconductors	
Herdman, Anthony	Simon Fraser University	Psychology	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	104,935	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigating brain responses related to orthographic perception	
Herman, Allen	University of Regina	Mathematics and Statistics	Saskatchewan	CANADA	20/04/2007	5	50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Schur indices and representation theory	
Herrera, Jose	University of Western Ontario	Chemical and Biochemical Engineering	Ontario	CANADA	20/04/2007	4	100,020	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Deterministic sythesis and site specific functionalization of single walled carbon nanotubes and their application on the synthesis of functional materials	
Herring, Rodney	University of Victoria	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	122,040	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Electron, optical and acoustic characterization of advanced materials and microstructures	
Herrle, Jens Olaf	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	20/04/2007	5	117,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Microfossils: a tool for dating and reconstructing paleoenvironmental changes and biological evolution	

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Hertz, Alain	École Polytechnique de Montréal	Mathématiques et génie industriel	Québec	CANADA	20/04/2007	5	159,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nouveaux modèles et algorithmes en optimisation combinatoire et en théorie des graphes	
Hertzmann, Aaron	University of Toronto	Computer Science	Ontario	CANADA	20/04/2007	5	165,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Learning human motion for tracking and animation	
Heyl, Jeremy	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	184,985	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neutron-Star Astrophysics	
Hickson, Paul	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	2	72,818	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of new optical technologies for astronomy and astrophysics	
Higgins, Michael	Université du Québec à Chicoutimi	Sciences appliquées	Québec	CANADA	20/04/2007	5	132,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantitative textural analysis of igneous rocks	
Higgs, Paul	McMaster University	Physics and Astronomy	Ontario	CANADA	20/04/2007	5	101,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Major steps in the evolution of early organisms	
Higham, Lisa	University of Calgary	Computer Science	Alberta	CANADA	20/04/2007	5	130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Correct, robust and efficient concurrent computation	
Hill, Bruce	Queen's University	Biochemistry	Ontario	CANADA	20/04/2007	5	325,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Function and assembly of cytochrome oxidase	
Hill, Ian	Dalhousie University	Physics and Atmospheric Science	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	2	69,480	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Organic electronic materials and devices laboratory	
Hill, Janet	University of Saskatchewan	Veterinary Microbiology	Saskatchewan	CANADA	20/04/2007	5	72,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Genomic diversity and population dynamics in natural microbial communities	

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Hill, Ross	Simon Fraser University	Chemistry	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	290,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Materials for device applications	
Hillaire-Marcel, Claude	Université du Québec à Montréal	GEOTOP-UQAM- McGILL (Centre recherche géochimie et géodynamique)	Québec	CANADA	20/04/2007	5	439,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Isotopic tracers and chronometers of earth system processes	
Hillen, Thomas	University of Alberta	Mathematical and Statistical Sciences	Alberta	CANADA	20/04/2007	5	140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modeling the dynamics of cancer cells and tumour tissue	
Hincke, Maxwell	University of Ottawa/ Université d'Ottawa	Cellular and Molecular Medicine	Ontario	CANADA	20/04/2007	3	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Calcitic biomineralization and matrix proteins	
Hinton, Geoffrey	University of Toronto	Computer Science	Ontario	CANADA	20/04/2007	5	610,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Unsupervised learning for perception	
Ho, Paul	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	121,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Power and bandwidth efficient MIMO communication techniques	
Ho, Pin-Han	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Availability-aware design for generalized MPLS networks	
Hoa, Suong Van	Concordia University	Mechanical and Industrial Engineering	Québec	CANADA	20/04/2007	5	245,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stress analysis and vibration of elastic and viscoelastic systems	
Hodges, Karen	University of British Columbia	Unit 2 - Biology & Physical Geography (Okanagan)	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	72,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Predator persistence in fragmented forests: lynx and snowshoe hares	
Hodson, Peter	Queen's University	Biology	Ontario	CANADA	20/04/2007	1	41,065	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chemical metabolism and toxicity to early life stages of fish	

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Hofstra, Pieter	University of Ottawa/ Université d'Ottawa	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The category of realizability toposes	
Hollings, Peter	Lakehead University	Geology	Ontario	CANADA	20/04/2007	5	121,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Xenoliths in 2.7 Ga diamondiferous lamprophyres: a record of upper mantle compositions and metasomatism during orogeny	
Holte, Robert	University of Alberta	Computing Science	Alberta	CANADA	20/04/2007	5	170,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Machine learning and heuristic search	
Holzman, Jonathan	University of British Columbia	Applied Science, Faculty of	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	127,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrated devices for optical switching	
Honek, John	University of Waterloo	Chemistry	Ontario	CANADA	20/04/2007	5	420,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biological chemistry of the carbon-sulfur bond	
Hoorfar, Mina	University of British Columbia	Applied Science, Faculty of	British Columbia/ Colombie- Britannique	CANADA	11/05/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Enhancement of water management in PEM fuel cells	
Hooton, Douglas	University of Toronto	Civil Engineering	Ontario	CANADA	20/04/2007	5	220,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Durability of concrete	
Hopkinson, Alan	York University	Chemistry	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational and experimental studies on positive ions derived from peptides	
Horbatsch, Marko	York University	Physics and Astronomy	Ontario	CANADA	20/04/2007	5	160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ionization and radiative decays in atomic and molecular systems	

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Hore, Dennis	University of Victoria	Chemistry	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	3	109,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure and organization of biomolecules at interfaces	
Hornsey, Richard	York University	Computer Science and Engineering	Ontario	CANADA	20/04/2007	5	177,075	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Flocks, herds and schools - the roles of individuals in distributed sensor systems	
Horspool, Nigel	University of Victoria	Computer Science	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	240,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Profile-guided code optimization	
Hoskin, Paul	University of Calgary	Geology and Geophysics	Alberta	CANADA	11/05/2007	5	117,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Petrology and timescales of magmagenesis and pluton construction of the cordillera: taking th pulse of orogenesis	
Houde, Mario	Université du Québec à Montréal	Sciences biologiques	Québec	CANADA	20/04/2007	2	50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of oxidative stress responses in aluminum and freezing tolerant wheat	
Houlahan, Jeff	University of New Brunswick	Biology (Saint John)	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	96,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The causes and consequences of diversity in ecological communities	
Houmam, Abdelaziz	University of Guelph	Chemistry	Ontario	CANADA	20/04/2007	5	222,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New Methodologies for the Organic Modification of Solid Surfaces	
Hrymak, Andrew	McMaster University	Chemical Engineering	Ontario	CANADA	20/04/2007	5	168,575	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multiphase complex fluid systems	
Hsiang, Tom	University of Guelph	Environmental Biology	Ontario	CANADA	20/04/2007	5	72,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Comparative genomics of fungi	

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Hsieh, William	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	180,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Robust machine learning methods for climate research	
Hu, Zhiguo	University of Windsor	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Banach algebras associated with locally compact groups	
Huang, Biao	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	20/04/2007	5	201,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamic estimation of continuum and noncontinuum states for process control monitoring	
Huang, Jing	University of Victoria	Mathematics and Statistics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational and structural combinatorics	
Huang, Xiangji (Jimmy)	York University	Analytic Studies and Information Technology, School of	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Context-sensitive and task-oriented adaptive information retrieval	
Huang, Yining	University of Western Ontario	Chemistry	Ontario	CANADA	20/04/2007	5	350,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Characterization of nanoporous materials by solid-state NMR and vibrational spectroscopy	
Hubert, Pascal	McGill University	Mechanical Engineering	Québec	CANADA	20/04/2007	5	153,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modelling, processing and characterization of carbon nanotube polymer composites	
Hudak, Katalin	York University	Biology	Ontario	CANADA	20/04/2007	5	225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Antiviral protein mechanisms of action	
Hudson, Jeffrey	University of Saskatchewan	Biology	Saskatchewan	CANADA	20/04/2007	5	89,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The effect of food web structure, biodiversity and climate on elemental flux in lakes	

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Hudson, Robert	University of Western Ontario	Chemistry	Ontario	CANADA	20/04/2007	5	200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthesis, properties and applications of aligonucleotides and analogs	
Huels, Michael	Université de Sherbrooke	Médecine nucléaire et radiobiologie	Québec	CANADA	20/04/2007	5	187,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fundamental mechanisms and applications of soft landed ion reactions with biomolecular surfaces	
Hughson, Richard	University of Waterloo	Kinesiology	Ontario	CANADA	20/04/2007	5	262,625	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cardiorespiratory dynamics	
Huissoon, Jan Paul	University of Waterloo	Mechanical Engineering & Mechatronics	Ontario	CANADA	20/04/2007	5	145,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Audio-visual modelling and control of GMA welding	
Hum, Sean	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	112,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High performance antenna array architectures	
Humar, Jagmohan	Carleton University	Civil and Environmental Engineering	Ontario	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analysis and design of structures subjected to seismic loads	
Huneault, Michel	École Polytechnique de Montréal	Génie chimique	Québec	CANADA	20/04/2007	3	74,010	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interfacial modification of bio-based polymers through reactive extrusion technologies	
Huner, Norman	University of Western Ontario	Biology	Ontario	CANADA	20/04/2007	5	730,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Photosynthetic acclimation and adaptation to extreme environments: photostasis, excitation pressure and psychrophilly	
Huot, Jacques	Université du Québec à Trois-Rivières	Physique	Québec	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthesis of metals hybrides by cold rolling	

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Hurd, Peter	University of Alberta	Psychology	Alberta	CANADA	20/04/2007	5	86,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Individual variation in aggressiveness: ontogenesis and evolutionary consequences	
Hurd, Thomas	McMaster University	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamic models for credit spreads and credit correlations	
Hurich, Charles	Memorial University of Newfoundland	Earth Sciences	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	72,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Application of reflection seismology to advanced and nontraditional problems	
Husain, Viqar	University of New Brunswick	Mathematics and Statistics - Fredericton	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	176,530	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Black holes and cosmology in quantum gravity	
Hussein, Abdulkadir	University of Windsor	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sequential, nonsequential, and shrinkage inference techniques and applications	
Hussein, Ali	Ryerson University	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evaluation and development of lightning return-stroke models at elevated objects	
Hutchinson, Jean	Queen's University	Geological Sciences and Geological Engineering	Ontario	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Assessment of ground movement hazard and risk: combining numerical simulation and geospatial analysis for decision support	
Hutton, Stanley	University of British Columbia	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	52,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamics of guided circular saws	
Hyndman, Cody	Concordia University	Mathematics and Statistics	Québec	CANADA	20/04/2007	3	36,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applications of forward-backward stochastic differential equations to financial modelling	

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Hyndman, Roy	University of Victoria	Earth and Ocean Sciences, School of	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	72,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geophysical studies in western Canada and natural gas hydrate	
Ibrahim, Ragai	Concordia University	Biology	Québec	CANADA	20/04/2007	5	240,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biochemical and molecular aspects of flavonoid O- methyltransferases in plants	
Ilinca, Adrian	Université du Québec à Rimouski	Mathématiques, informatique et génie	Québec	CANADA	20/04/2007	5	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Adaptation des turbines éoliennes à l'exploitation en climat nordique	
Iliuta, Maria	Université Laval	Génie chimique	Québec	CANADA	20/04/2007	4	98,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Procédés hybrides membranaires de capture du CO2 des émissions d'origine industrielle	
Illman, Walter	University of Waterloo	Earth Sciences	Ontario	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Experimental and computational investigations of subsurface heterogeneity and contaminant distributions in complex geologic media	
Imbeault, Pascal	University of Ottawa/ Université d'Ottawa	Human Kinetics, School of	Ontario	CANADA	20/04/2007	5	150,895	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Régulation du métabolisme du tissu adipeux blanc chez l'humain	
Inal, Kaan	University of Waterloo	Mechanical Engineering & Mechatronics	Ontario	CANADA	20/04/2007	5	92,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Microstructural modelling of metal formability	
Ingalls, Brian	University of Waterloo	Applied Mathematics	Ontario	CANADA	20/04/2007	5	103,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Control-theoretic approaches to systems biology	

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Ingalls, Colin	University of New Brunswick	Mathematics and Statistics - Fredericton	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Noncommutative algebraic geometry	
Inglis, Timothy	University of British Columbia	Human Kinetics, School of	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	181,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sensory contributions to human movement and balance	
Ingolfsson, Armann	University of Alberta	Finance and Management Science	Alberta	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Performance evaluation and optimization for service systems	
Inkpen, Diana	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Natural language processing for speech information retrieval and computer-assisted language learning	
Ivanoff, Gail	University of Ottawa/ Université d'Ottawa	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	145,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Set-indexed and multiparameter stochastic processes	
Ivanoff, Jason	Saint Mary's University	Psychology	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	97,435	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Behavioral and neural dynamics of preparation and inhibition	
Izydorczyk, Marta	University of Manitoba	Food Science	Manitoba	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Relationships between molecular and physical structures of plant polysaccharides and their functional properties	
Jackson, Peter	University of Northern British Columbia	Environmental Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	135,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Atmospheric flows over complex terrain	
Jackson, Philip	Université Laval	Sciences sociales, Faculté des	Québec	CANADA	20/04/2007	5	132,735	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The behavioral and cerebral correlates empathy	

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Jaekel, Arunita	University of Windsor	Computer Science, School of	Ontario	CANADA	20/04/2007	5	85,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Practical design strategies for optical mesh networks	
Jain, Mukesh	McMaster University	Mechanical Engineering	Ontario	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Experimental studies and simulations of forming of new materials and processes	
Jamali, Mohamed Anouar	Université du Québec à Trois-Rivières	Génie industriel	Québec	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modélisation, simulation et optimisation de politiques de prise de décision	
Jamali, Nadeem	University of Saskatchewan	Computer Science	Saskatchewan	CANADA	20/04/2007	2	32,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Programming peer-owned open distributed systems	
Jan, Eric	University of British Columbia	Biochemistry and Molecular Biology	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Characterization of translation elongation mechanisms	
Janabi-Sharifi, Farrokh	Ryerson University	Mechanical and Industrial Engineering	Ontario	CANADA	20/04/2007	5	153,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Image-based robotic operation in unstructured environments	
Jandl, Serge	Université de Sherbrooke	Physique	Québec	CANADA	20/04/2007	5	159,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optical studies of manganites, superconductors and laser materials - études optiques des manganite, supraconducteurs et matériaux laser	
Janssen, Jeannette	Dalhousie University	Mathematics and Statistics	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Graph models for self-organizing networks	
Jao, David	University of Waterloo	Combinatorics and Optimization	Ontario	CANADA	20/04/2007	3	30,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Arithmetic aspects of elliptic curve cryptography	

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Jared, Debra	University of Western Ontario	Psychology	Ontario	CANADA	20/04/2007	5	113,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Word recognition processes in monolingual and bilingual readers	
Jaseemuddin, Muhammad	Ryerson University	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	85,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Routing, mobility management and network middleware for heterogeneous mobile wireless networks	
Jaumard, Brigitte	Concordia University	Concordia Institute for Information Systems Engineering (CIISE)	Québec	CANADA	20/04/2007	5	275,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optimization of large-scale systems arising in telecommunication and in artificial intelligence	
Jayaram, Sheshakamal	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	20/04/2007	5	212,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development and performance evaluation of electrical insulation systems	
Jedwab, Jonathan	Simon Fraser University	Mathematics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Aperiodic autocorrelation properties of sequences and arrays.	
Jenkins, Hilary	Saint Mary's University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	3	66,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Weak intermolecular interactions in metal organic frameworks	
Jenna, Sarah	Université du Québec à Montréal	Chimie	Québec	CANADA	20/04/2007	3	84,510	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional mapping of Rho GTPase regulatory machineries controlling C. elegans embryonic development	
Jenner, George	Memorial University of Newfoundland	Earth Sciences	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	2	34,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Characterization of mantle-derived melts by trace element and water determinations in melt inclusions, glasses and whole rocks	
Jenstad, Lorianne	University of British Columbia	Audiology and Speech Sciences, School of	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	83,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantifying hearing-impaired listeners' use of acoustic information in speech	

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Jericho, Manfred	Dalhousie University	Physics and Atmospheric Science	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	162,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Scanning probe and holographic microscopy	
Jerkiewicz, Gregory	Queen's University	Chemistry	Ontario	CANADA	20/04/2007	5	292,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Surface and materials electrochemistry: adsorption, reduction, oxidation, and corrosion phenomena	
Jervis, Eric	University of Waterloo	Chemical Engineering	Ontario	CANADA	20/04/2007	5	150,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development and application of an integrated robotic imaging platform for cell culture monitoring and optimization	
Jessop, Paul	McMaster University	Engineering Physics	Ontario	CANADA	20/04/2007	5	184,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Silicon-based photonic devices	
Jeyasurya, Benjamin	Memorial University of Newfoundland	Engineering & Applied Science, Faculty of	Newfoundland and Labrador/ Terre- Neuve-et-Labrador	CANADA	20/04/2007	5	122,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamic security enhancement strategies for power systems	
Jodoin, Bertrand	University of Ottawa/ Université d'Ottawa	Mechanical Engineering	Ontario	CANADA	20/04/2007	5	117,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nanocrystalline bond coat development	
Johnson, Catherine	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	121,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geophysical investigations of the terrestrial planets	
Johnson, Ronald	University of Guelph	Biomedical Sciences	Ontario	CANADA	20/04/2007	3	65,625	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of integrated venous function	
Johnston, Linda	Queen's University	Chemistry	Ontario	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nanoscale Imaging of Membrane Surfaces	

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Johnston, Mark	Dalhousie University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	190,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mutation adaptation and genetic variation	
Johnston, Tudor	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	20/04/2007	2	41,384	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Laser-plasma Interactions and generation of trains of ultra-short X-ray pulses	
Johnstone, Jill	University of Saskatchewan	Biology	Saskatchewan	CANADA	13/06/2007	5	128,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The role of distrubance in catalyzing ecological change in boreal forests	
Jolicoeur, Carmel	Université de Sherbrooke	Chimie	Québec	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Physico-chemical studies of shrinkage and shrinkage control in cementitious materials	
Jones, Peter	University of Manitoba	Richardson Centre for Functional Foods and Nutraceuticals	Manitoba	CANADA	20/04/2007	5	185,055	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of PPARS and LXRs in mechanisms explaining the effects of different dietary components on lipid metabolism	
Jonz, Michael	University of Ottawa/ Université d'Ottawa	Biology	Ontario	CANADA	20/04/2007	5	179,375	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Comparative study of oxygen sensing in adult and developing vertebrates	
Josephy, David	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	20/04/2007	5	250,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Human enzymes of xenobiotic metabolism	
Joyal, André	Université du Québec à Montréal	Mathématiques	Québec	CANADA	20/04/2007	5	135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Théorie et applications des catégories	
Jubran, Bassam	Ryerson University	Aerospace Engineering	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Film cooling of gas turbine baldes using new geometry-holes	

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Jullien, Graham	University of Calgary	Electrical & Computer Engineering	Alberta	CANADA	20/04/2007	5	292,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Real-time signal processing systems for advanced and emerging technologies	
Juncker, David	McGill University	Biomedical Engineering	Québec	CANADA	20/04/2007	4	98,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Microfluidic systems for miniaturized and parallelized biological experimentation	
Jurisica, Igor	University of Toronto	Computer Science	Ontario	CANADA	20/04/2007	5	155,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrative computational biology	
Jutras, Pierre	Saint Mary's University	Geology	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	132,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sedimentologic, diagenetic and tectonostratigraphic study of upper Mississippian, near-coast continental and shallow marine units in successor basins of the Appalachian belt	
Kabanets, Valentine	Simon Fraser University	Computing Science	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	145,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Pseudorandomness and complexity	
Kabashin, Andrei	École Polytechnique de Montréal	Génie physique	Québec	CANADA	20/04/2007	3	80,262	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Materials and methods for bio-nanophotonics sensing and imaging	
Kabir, Mohammad Zahangir	Concordia University	Electrical and Computer Engineering	Québec	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modeling and characterization of imaging detectors for diagnostic medical digital imaging	
Kadem, Lyes	Concordia University	Mechanical and Industrial Engineering	Québec	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New insights in magnetic resonance imaging evaluation of aortic valve hemodynamics	

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Kahl, Wolfram	McMaster University	Computing and Software	Ontario	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Tool support for relational formalisms in programming and specification	
Kaloni, Purna	University of Western Ontario	Mechanical and Materials Engineering	Ontario	CANADA	20/04/2007	5	130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Research in theoretical mechanics	
Kambhampati, Patanjali	McGill University	Chemistry	Québec	CANADA	20/04/2007	2	82,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	investigating dynamics and charge transport in semiconductor quantum dots and their nanostructures	
Kameda, Tsunehiko (Tiko)	Simon Fraser University	Computing Science	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Polygon search and media on demand	
Kaminskyj, Susan	University of Saskatchewan	Biology	Saskatchewan	CANADA	20/04/2007	1	28,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fungal hyphal morphogenesis	
Kant, Shashi	University of Toronto	Forestry, Faculty of	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multi-agent modeling of forest management in Ontario	
Kantzas, Apostolos	University of Calgary	Chemical and Petroleum Engineering	Alberta	CANADA	20/04/2007	5	153,835	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Tomographic imaging of phase behaviour of hydrocarbons and hydrocarbon/water systems	
Kaplan, Craig	University of Waterloo	Computer Science, School of	Ontario	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computer graphics and computational calligraphy	
Kapovitch, Vitali	University of Toronto	Mathematics	Ontario	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Manifolds with sectional and Ricci curvature bounds	

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Kapral, Raymond	University of Toronto	Chemistry	Ontario	CANADA	20/04/2007	5	667,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantum and classical dynamics in condensed phase and complex systems	
Karagiannis, Jim	University of Western Ontario	Biology	Ontario	CANADA	20/04/2007	5	155,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular genetic analysis of regulatory networks governing cytokinesis	
Karakostas, George	McMaster University	Computing and Software	Ontario	CANADA	20/04/2007	5	135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algorithmic and game-theoretic analysis and implementation of network design	
Karamanev, Dimitre	University of Western Ontario	Chemical and Biochemical Engineering	Ontario	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fuel cell bioreactors for combined electricity generation and CO2 removal from atmosphere	
Karan, Kunal	Queen's University	Chemical Engineering	Ontario	CANADA	20/04/2007	5	126,700	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Engineering of SOFC porous cathode: micro-electrode experimentation and micro-modeling	
Karanassios, Vassili	University of Waterloo	Chemistry	Ontario	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Taking elemental analysis from micro- to nano-	
Kari, Lila	University of Western Ontario	Computer Science	Ontario	CANADA	20/04/2007	5	165,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theoretical aspects of biocomputing	
Kariuki, Stephen	Nipissing University	Arts and Science, Faculty of	Ontario	CANADA	20/04/2007	5	92,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Study of inorganic and organic sulphur-based compounds on the quality of water	
Karray, Salma	University of Ontario Institute of Technology	Business and Information Technology, Faculty of	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applications of game theory to competitive interactions in channels	

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Kaushik, Azad	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	20/04/2007	5	106,975	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Post genomic structural and functional aspects of antibody in heath and disease	
Kaya, Tarik	Carleton University	Mechanical & Aerospace Engineering	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Thermo-hydraulic instability of liquid- vapour interface in porous media	
Kazakidis, Vassilios	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Engineering, School of	Ontario	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Flexibility and quality assessment to counter ground-problem delays in the design of deep underground hard rock mining systems	
Keast, Patrick	Dalhousie University	Mathematics and Statistics	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Numerical cubature for fully symmetric regions and adaptive methods for PDEs	
Keefe, Dale	Cape Breton University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	117,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigation of intermolecular interactions in liquids via molecular spectroscopy	
Kelly, Jack	Carleton University	Psychology	Ontario	CANADA	20/04/2007	5	322,790	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Studies of the central auditory system	
Kelly, Richard	University of Waterloo	Geography	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Estimating snow water equivalent using combined remote sensing measurements and a snow hydrology model	
Kember, Guy	Dalhousie University	Engineering Mathematics	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biological and industrial control systems	

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Kenne, Jean-Pierre	École de technologie supérieure	Génie mécanique	Québec	CANADA	20/04/2007	5	96,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Commande optimale stochastique et gestion conjointe de la capacité et des activités de production des systèmes manufacturiers	
Kennepohl, Pierre	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	111,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spectroscopic investigations of electronic and geometric structure of reactive intermediates in chemistry and biology	
Kennings, Andrew	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	20/04/2007	5	85,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Methods for improving the physical optimization of asics structured asics and fpgas	
Kenny, Patrick	Centre de recherche informatique de Montréal	Head Office	Québec	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Speaker and session variability in speech processing	
Kent, Kenneth	University of New Brunswick	Computer Science, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Software tools for reconfigurable platforms	
Kergoat, Hélène	Université de Montréal	Optométrie, école d'	Québec	CANADA	20/04/2007	5	109,375	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigation of the retinal neurovascular networks through modulation of blood oxygen levels in humans	
Kernaghan, Gavin	Mount Saint Vincent University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	138,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Diversity and function of fungal root endophytes in Canadian boreal forests	
Kerr, Michael	University of Western Ontario	Chemistry	Ontario	CANADA	20/04/2007	5	400,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Target and methods based organic synthesis	

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Keshav, Srinivasan	University of Waterloo	Computer Science, School of	Ontario	CANADA	20/04/2007	5	203,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Foundations and applications of tetherless computing	
Khandjian, Edward	Université Laval	Biologie médicale	Québec	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cellular biology of the fragile x mental retardation related 1 protein (FXR1P); an RNA-binding protein	
Kharoune, Lynda	École de technologie supérieure	Génie de la construction	Québec	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Production de bactéries magnétotactiques à fort potentiel technologique à partir de rejets municipaux et agro-industriels	
Khayat, Kamal	Université de Sherbrooke	Génie civil	Québec	CANADA	20/04/2007	5	160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development and performance of self-consolidating concrete with adapted thixotropy	
Khazaka, Roni	McGill University	Electrical & Computer Engineering	Québec	CANADA	20/04/2007	5	121,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design automation for managing the complexity of mixed-domain microsystems	
Kherani, Nazir	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced silicon photovoltaic devices	
Khouas, Abdelhakim	École Polytechnique de Montréal	Génie électrique	Québec	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	MultiSPICE: un simulateur de circuits analogiques optimisé pour les applications à simulations répétitives	
Kidder, Gerald	University of Western Ontario	Physiology and Pharmacology	Ontario	CANADA	20/04/2007	5	275,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structural determinants of connexin specificity	
Kieffer, James	University of New Brunswick	Biology (Saint John)	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	119,375	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Physiological and behavioural aspects of exercise in fish	

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Kienzle, Jörg	McGill University	Computer Science, School of	Québec	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Engineering fault tolerance	
Kilfoil, Maria	McGill University	Physics	Québec	CANADA	20/04/2007	2	52,580	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure, dynamics and mechanical properties in soft matter and biological systems	
Kim, Eugene Hubert	University of Windsor	Physics	Ontario	CANADA	20/04/2007	2	33,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Collective phenomena in condensed matter systems	
Kim, Henry	University of Toronto	Mathematics	Ontario	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Automorphic forms and L-functions	
Kim, Yong Baek	University of Toronto	Physics	Ontario	CANADA	20/04/2007	5	253,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theory of novel quantum phases and transitions	
King, Brian	McMaster University	Physics and Astronomy	Ontario	CANADA	20/04/2007	2	54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantum Manipulation of Trapped Ions for Information Processing	
King-Jones, Kirst	University of Alberta	Biological Sciences	Alberta	CANADA	20/04/2007	5	155,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of nuclear receptor DHR4 in the regulation of growth and maturation in drosophila	
Kiringa, Iluju	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Managing peer database transactions	
Kirk, Andrew	McGill University	Electrical & Computer Engineering	Québec	CANADA	20/04/2007	5	180,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nanoplasmonic optical biosensors	
Kirkland, James	University of Guelph	Human Health and Nutritional Sciences	Ontario	CANADA	20/04/2007	1	33,770	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dietary niacin and brain function	

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Kirubarajan, Thia	McMaster University	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	144,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nonlinear multi-object state estimation algorithms for target tracking, communications and biomedical engineering in the presence of model uncertainties	
Klein, Bernhard	University of British Columbia	Mining Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	123,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ultrafine grinding using high speed stirred mills	
Klobukowski, Mariusz	University of Alberta	Chemistry	Alberta	CANADA	20/04/2007	5	210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Model core potentials: their development and applications in computational chemical physics and biophysical chemistry	
Klonisch, Thomas	University of Manitoba	Human Anatomy & Cell Science	Manitoba	CANADA	20/04/2007	3	96,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional roles of the relaxin ligand-receptor system in the thyroid	
Klymyshyn, David	University of Saskatchewan	Electrical & Computer Engineering	Saskatchewan	CANADA	20/04/2007	5	99,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Microfabrication of RF-MEMS devices using synchrotron x-ray lithography	
Kneeshaw, Daniel	Université du Québec à Montréal	Sciences biologiques	Québec	CANADA	20/04/2007	5	105,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evaluating tree mortality and regeneration processes at multiple scales	
Knight, John	University of Western Ontario	Economics	Ontario	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical analysis of financial econometric models	
Knudsen, David J	University of Calgary	Physics and Astronomy	Alberta	CANADA	20/04/2007	5	248,245	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Electrodynamical structuring and heating of the ionosphere revealed through low-energy ion imaging	

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Ko, Frank	University of British Columbia	Materials Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	190,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of multifunctional nanocomposite fibres by coelectrospinning	
Ko, Kenton	Queen's University	Biology	Ontario	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Plastid protein transport mechanisms and organelle biogenesis	
Ko, Seok-Bum	University of Saskatchewan	Electrical & Computer Engineering	Saskatchewan	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Efficient hardware implementations of decimal floating-point arithmetic unit	
Koboevic, Sanda	École Polytechnique de Montréal	Génies Civil, géologique et des mines	Québec	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New approaches to seismic design of steel framed buildings	
Koclas, Jean	École Polytechnique de Montréal	Génie physique	Québec	CANADA	20/04/2007	5	122,515	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Time dependant neutron transport theory	
Kofman, Lev	University of Toronto	Cdn Inst. for Theoretical Astrophys	Ontario	CANADA	20/04/2007	5	275,825	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Early Universe Cosmology	
Kohandel, Mohammad	University of Waterloo	Applied Mathematics	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mathematical medicine: modeling cancer and its treatments	
Kohfeld, Karen	Simon Fraser University	Resource & Environmental Management, School of	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of dust, climate, and marine biota in glacial-interglacial CO2 cycles	
Kolios, Michael	Ryerson University	Physics	Ontario	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Novel accoustical and optical methods to probe the structure of biomaterials	
Kolkiewicz, Adam	University of Waterloo	Statistics and Actuarial Science	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational and statistical topics from modern finance	

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Kollias, Pavlos	McGill University	Atmospheric and Oceanic Sciences	Québec	CANADA	20/04/2007	5	126,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cloud and precipitation studies using millimeter-wavelength radars	
Kolokolnikov, Theodore	Dalhousie University	Mathematics and Statistics	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Localized patterns in partial differential equations	
Kondrak, Grzegorz	University of Alberta	Computing Science	Alberta	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Word form similarity computation and application in natural language processing	
Konemann, Jochen	University of Waterloo	Combinatorics and Optimization	Ontario	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algorithmic game theory and approximate network design	
Konstantinidis, Stavros	Saint Mary's University	Mathematics and Computing Science	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theory and applications of automata and codes	
Koop, Benjamin	University of Victoria	Biology	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	1	30,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Genome duplication and evolution in salmonids	
Koper, Nicola	University of Manitoba	Natural Resources Institute	Manitoba	CANADA	20/04/2007	5	72,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Effects of disturbance on prairie birds	
Kopp, Gregory	University of Western Ontario	Civil and Environmental Engineering	Ontario	CANADA	20/04/2007	5	140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The aerodynamics of windborne debris	
Kotchetov, Mikhail	Memorial University of Newfoundland	Mathematics and Statistics	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	55,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algebras with action and coaction of Hopf algebras	
Kouki, Ammar	École de technologie supérieure	Génie électrique	Québec	CANADA	20/04/2007	5	137,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced components, circuits and RF front-ends for radio communication and navigation applications	

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Kouritzin, Michael	University of Alberta	Mathematical and Statistical Sciences	Alberta	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stochastic processes and applications	
Koutsakis, Polychronis	McMaster University	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Traffic control and resource allocation for wireless cellular networks	
Kovalchuk, Olga	University of Lethbridge	Biological Sciences	Alberta	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular mechanisms of radiation-induced adaptive response in animal models	
Kozlowski, Piotr	University of British Columbia	Radiology	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of quantitative MRI and PET techniques for biological applications	
Krantzberg, Gail	McMaster University	Engineering, Faculty of	Ontario	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Great Lakes science- policy futures	
Krasic, Charles	University of British Columbia	Computer Science	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quality-adaptice methods dor elastic real time applications	
Krasowski, Marek	University of New Brunswick	Forestry and Environmental Management, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	3	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamics of coarse and fine root biomass in eastern species of contrasting silvical characteristics	
Krause, Thomas	Royal Military College of Canada/ Collège militaire royal du Canada	Physics	Ontario	CANADA	20/04/2007	4	98,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Combined remote field and pulsed eddy current for inspection of multilayer structures	
Krechetnikov, Rouslan	Carleton University	Mathematics and Statistics, School of	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geometric approach to instability phenomena in fluid and mechanical systems	
Kremer, Stefan	University of Guelph	Computing and Information Science	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sequential pattern induction for bioinformatics	

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Krishnadev, MadhavaRao	Université Laval	Génie des mines, métallurgie et matériaux	Québec	CANADA	20/04/2007	3	45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Processing-structure-property realtions in advanced materials	
Krishnan, Kannan	Université de Montréal	Santé environnementale et santé au travail	Québec	CANADA	20/04/2007	5	165,920	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of structure-toxicokinetic relationship models for organic chemicals in biota	
Krivodonova, Lilia	University of Waterloo	Applied Mathematics	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High-order adaptive methods for hyperbolic conservation laws	
Krogh, Thomas	University of Toronto	Geology	Ontario	CANADA	20/04/2007	5	196,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advancements in U-Pb dating of deep crustal structures and magmatic/meteoritic events in relation to biotic evolution in earth history	
Kronlund, Antonia	Brock University	Marketing, International Business and Strategy	Ontario	CANADA	13/06/2007	5	78,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interference and attribution in memory and memory-based choice decisions	
Kropinski, Mary Catherine	Simon Fraser University	Mathematics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	57,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modern numerical methods for problems in physics	
Krouglicof, Nicholas	Memorial University of Newfoundland	Engineering & Applied Science, Faculty of	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computer vision hardware and image analysis tools for automated inspection in the food processing industry	
Kruchten, Philippe	University of British Columbia	Applied Science, Faculty of	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	2	57,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Capture and visualization of software architecture design decisions	

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Kschischang, Frank	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	171,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Channel coding techniques and applications	
Ktari, Béchir	Université Laval	Informatique et de génie logiciel	Québec	CANADA	20/04/2007	2	30,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sécurité et fiabilité des logiciels	
Ku, Hyejin	York University	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Measures of financial risk and derivative pricing	
Kubiak, Wieslaw	Memorial University of Newfoundland	Business Administration, Faculty of	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	167,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fair methods for resource allocation, production smoothing and demand management	
Kubow, Stan	McGill University	Dietetics and Human Nutrition, School of	Québec	CANADA	20/04/2007	1	28,304	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Diet-induced changes in tissue oxysterols, ceramides and oxidative stress affecting cholesterol metabolism and embryonic developmental toxicity	
Kudla, Stephen	University of Toronto	Mathematics	Ontario	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modular forms and arithmetic geometry	
Kueper, Bernard	Queen's University	Civil Engineering	Ontario	CANADA	20/04/2007	5	170,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multicomponent PCB transport in groundwater systems	
Kuhlmann, Franz-Viktor	University of Saskatchewan	Mathematics and Statistics	Saskatchewan	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Valuation theory and its applications	
Kumar, Ashok	University of Ottawa/ Université d'Ottawa	Pathology and Laboratory Medicine	Ontario	CANADA	20/04/2007	5	155,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Signaling pathways involved in CD44 regulation in human monocytic cells	

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Kumar, Krishna	Ryerson University	Aerospace Engineering	Ontario	CANADA	20/04/2007	5	97,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Attitude dynamics, control and formation flying of satellites	
Kunz, Thomas	Carleton University	Systems and Computer Engineering	Ontario	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Wireless mesh network performance: throughput and fairness	
Kuo, Kuo-Hsing	University of Northern British Columbia	Northern Medical Program	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	153,055	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Heterogeneity of calcium signaling in smooth muscle cells	
Kurgan, Lukasz	University of Alberta	Electrical & Computer Engineering	Alberta	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational intelligence based platform for prediction and characterization of binding sites in proteins	
Kuttler, Jochen	University of Alberta	Mathematical and Statistical Sciences	Alberta	CANADA	20/04/2007	5	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Singularities of Schubert varieties	
Kutulakos, Kiriakos	University of Toronto	Computer Science	Ontario	CANADA	20/04/2007	5	195,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Frontiers of three dimensional photography	
Kutz, Susan	University of Calgary	Veterinary Medicine, Faculty of	Alberta	CANADA	20/04/2007	5	72,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Impacts of climate change on the epidemiology of nematodes in arctic and subarctic ungulates	
Kuznetsov, Alexey	University of New Brunswick	Mathematical Sciences	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Solvable models in option pricing and credit risk	
Kwok, Ezra	University of British Columbia	Chemical and Biological Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Performance and control of physiological parameters for diabetes mellitus	

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Kycia, Stefan	University of Guelph	Physics	Ontario	CANADA	20/04/2007	5	269,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nanocrystal and crystal structure determination by novel x-ray methods	
Kyriakidis, Jordan	Dalhousie University	Physics and Atmospheric Science	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	131,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dissipation and decoherence in quantum dots	
Laba, Izabella	University of British Columbia	Mathematics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Harmonic analysis and arithmetic combinatorics	
Labarthe, Olivier	Université Laval	Sciences de l'administration, faculté des	Québec	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Systèmes de gestion collaboratifs par simulations agents de chaînes logistiques centrées consommateurs	
Labelle, Gilbert	Université du Québec à Montréal	Mathématiques	Québec	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Méthodes analytiques et calcul symbolique en combinatoire énumérative	
Labrie, Steve	Université Laval	Sciences des aliments et de nutrition	Québec	CANADA	20/04/2007	5	133,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Étude de la diversité naturelle de <i>Geotrichum candidum</i> et de son rôle dans la formation de flaveur dans les fromages affinés en surface	
Laca, Marcelo	University of Victoria	Mathematics and Statistics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	C*-algebras: structure, symmetries, and equilibrium states	
Lacasse, Pierre	Université de Sherbrooke	Biologie	Québec	CANADA	20/04/2007	5	92,720	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Remodeling of mammary tissue and lactation persistency	
Lacefield, James	University of Western Ontario	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	141,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multiscale three-dimensional modeling of ultrasound cancer imaging	

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Lachemi, Mohamed	Ryerson University	Civil Engineering	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development and evaluation of environment-friendly lightweight self consolidating concrete: from material characterisation and durability assessment to structural performance	
Lacroix, Guy	Carleton University	Psychology	Ontario	CANADA	20/04/2007	5	83,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The impact of categorization task demands on the development of verbal and perceptual knowledge	
Lafleur, Pierre	École Polytechnique de Montréal	Génie chimique	Québec	CANADA	20/04/2007	5	170,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Processing-morphology-property relationships in polymers, composites and nanocomposites	
Lafrance, Pierre	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Transport de pesticides vers les hydrosystèmes et prévention des impacts environnementaux	
Lagugne-Labarthe, Francois	University of Western Ontario	Chemistry	Ontario	CANADA	20/04/2007	3	126,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spectroscopy and microscopy of organized materials	
Lai, Edward	Carleton University	Chemistry	Ontario	CANADA	20/04/2007	5	157,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecularly imprinted polymer nanospheres and encapsulated quantum dots for chemical sensing of trace mycotoxins (fungal metabolites) and biological molecules (pathogen proteins)	
Lajoie, Gilles	University of Western Ontario	Biochemistry	Ontario	CANADA	20/04/2007	2	40,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design of amino acids and peptides as bioactive agents	

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Lakhal Chaieb, M'Hamed Lajmi	Université Laval	Mathématiques et statistique	Québec	CANADA	20/04/2007	3	36,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analyse multidimensionnelle de durées de vie	
Lakin-Thomas, Patricia	York University	Biology	Ontario	CANADA	20/04/2007	5	200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	FRQ-less oscillators in the circadian system of neurospora	
Lam, Clement	Concordia University	Computer Science and Software Engineering	Québec	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Construction of combinatorial objects using computers	
Lam, Frank	University of British Columbia	Wood Science	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Reliability of timber structural system under seismic loading	
Lambe, Evelyn	University of Toronto	Physiology	Ontario	CANADA	20/04/2007	5	178,125	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Signal transduction and adult cortical network activity	
Lambert, Iain	Carleton University	Biology	Ontario	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biological activity of nitrosubstituted compounds in complex mixtures	
Lamond, Bernard	Université Laval	Opérations et systèmes de décision	Québec	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stochastic optimization methods for energy planning and flexible manufacturing	
Landriault, David	University of Waterloo	Statistics and Actuarial Science	Ontario	CANADA	20/04/2007	3	42,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analysis of an insurer surplus process and its associated ruin related quantities	
Lang, Andrew	Memorial University of Newfoundland	Biology	Newfoundland and Labrador/ Terre- Neuve-et-Labrador	CANADA	20/04/2007	5	175,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The role of viruses and virus-like elements in gene exchange	
Lange, Carlos	University of Alberta	Mechanical Engineering	Alberta	CANADA	20/04/2007	5	130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Instantaneous deposition rate of aerosols in the lung	

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Langelier, Eve	Université de Sherbrooke	Génie mécanique	Québec	CANADA	20/04/2007	3	63,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Physiologie et pathologie des tissus conjonctifs mous	
Langford, William	University of Guelph	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bifurcation theory and applications	
Langlais, Philippe	Université de Montréal	Informatique et recherche opérationnelle	Québec	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	practical statistical machine translation	
Langlois, Pierre	École Polytechnique de Montréal	Génie informatique	Québec	CANADA	20/04/2007	5	81,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Méthodologie de conception pour processeurs spécialisés	
Langlois, Robert	Carleton University	Mechanical & Aerospace Engineering	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamic interface analysis	
Lanouette, Robert	Université du Québec à Trois-Rivières	Recherche en pâtes & papiers, Centre de	Québec	CANADA	20/04/2007	5	112,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mise en pâte à haut rendement d'essences de bois sous utilisées	
Laperrière, Luc	Université du Québec à Trois-Rivières	Génie mécanique	Québec	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrated production flexibility agility and evolution	
Lapierre, Hélène	Université Laval	Sciences animales	Québec	CANADA	20/04/2007	5	102,480	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The fate of N in dairy cows: from mouth to milk	
Lapointe, Michel	McGill University	Geography	Québec	CANADA	20/04/2007	5	151,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Riverscape organisation, anthropogenic disturbances and salmonid habitat	
Larocque, Isabelle	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	20/04/2007	5	96,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chironomid analysis in northern Quebec and arctic Canada	

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Larocque, Marie	Université du Québec à Montréal	Sciences de la terre et de l'atmosphère	Québec	CANADA	20/04/2007	5	80,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interaction entre aquifères et tourbières dans un contexte de changements climatiques	
Laroque, Colin	Mount Allison University	Geography	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	101,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Extending annual- resolution paleoclimatic records for Atlantic Canada using dendrochronology	
Larose, Louise	McGill University	Physiology	Québec	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Phosphorylation of Nck	
Lasia, Andrzej	Université de Sherbrooke	Chimie	Québec	CANADA	20/04/2007	5	300,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanism and kinetics of electrocatalytic reactions	
Last, William	University of Manitoba	Geological Sciences	Manitoba	CANADA	20/04/2007	5	178,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Salt lakes: carbonate/evaporite sedimentology and paleolimnology	
Lau, Michael	University of Windsor	Mathematics and Statistics	Ontario	CANADA	13/06/2007	5	50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Representations in infinite- dimensional lie theory	
Laursen, Andrew Evan	Ryerson University	Chemistry and Biology	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Denitrification and nitrous oxide production in aquatic systems	
Lawford, Mark	McMaster University	Computing and Software	Ontario	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Formal methods for safety critical real-time control systems	
Lawrence, Ramon	University of British Columbia	Unit 4 - Psychology & Computer Science (Okanagan)	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamic database integration for knowledge sharing	

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Layton-Matthews, Daniel	Queen's University	Geological Sciences and Geological Engineering	Ontario	CANADA	20/04/2007	5	96,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Understanding trace element sourcing in ancient and modern seafloor volcanogenic massive sulfides	
Le Van Mao, Raymond	Concordia University	Chemistry and Biochemistry	Québec	CANADA	20/04/2007	5	128,375	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Novel nano-catalysts for potential industrial applications	
Le, Nhu	University of British Columbia	Statistics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multivariate methods for space-time environmental processes	
Leahy, Denis	University of Calgary	Physics and Astronomy	Alberta	CANADA	20/04/2007	5	176,530	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High energy processes in astrophysics	
Leavitt, Peter	University of Regina	Biology	Saskatchewan	CANADA	20/04/2007	5	313,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Degradation and destabilization of lake ecosystems by anthropogenic nitrogen: a new paradigm for future lake eutrophication	
Lebel, Luc	Université Laval	Sciences du bois et de la forêt	Québec	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional and cross-level integration of wood procurement planning systems	
Leblon, Brigitte	University of New Brunswick	Forestry and Environmental Management, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	85,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Use of radar remote sensing in fuel moisture monitoring	
Leclerc, Mario	Université Laval	Chimie	Québec	CANADA	20/04/2007	5	427,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optical, electrochemical, and electrical properties of novel conjugated oligomers and polymers	
Leclerc, Nicole	Université de Montréal	Pathologie et biologie cellulaire	Québec	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The role rer/microtubule interaction in the establishment and maintenance of neuronal polarity	

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Lederman, Susan	Queen's University	Psychology	Ontario	CANADA	20/04/2007	5	249,025	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Perceptual organization via a haptic glance: haptic perception and haptically guided grasping	
Leduc, Roland	Université de Sherbrooke	Génie civil	Québec	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Traitement des eaux avec des coagulants d'origine biologique	
Lee, Chi-Guhn	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Revenue management for freight transportation systems	
Lee, Chow Hwee	University of Northern British Columbia	Science and Management, College of	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	mRNA degradation in mammalian cells	
Lee, Jong Min	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	20/04/2007	4	86,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Model-free framework for dynamic characterization and optimization of plant-wide operation	
Lee, Kang	University of Toronto	Human Development & Applied Psychology	Ontario	CANADA	20/04/2007	5	108,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of face and chinese character processing	
Lee, Ping	University of Toronto	Pharmacy, Leslie Dan Faculty of	Ontario	CANADA	20/04/2007	4	101,360	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Swelling-controlled solute diffusion in glassy polymers	
Lefebvre, Guy	Université de Sherbrooke	Génie civil	Québec	CANADA	20/04/2007	1	25,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Caractérisation des matériaux géotechniques au moyen des ondes de cisaillement et consolidation électro-osmotique	
Lefebvre, Louis	McGill University	Biology	Québec	CANADA	20/04/2007	5	206,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Innovation in birds	

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LeFevre, Jo-Anne	Carleton University	Psychology	Ontario	CANADA	20/04/2007	5	164,025	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mathematical cognition	
Légaré, François	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	20/04/2007	5	153,460	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Imaging matters with ultrafast laser technology	
Legendre, Pierre	Université de Montréal	Sciences biologiques	Québec	CANADA	20/04/2007	5	370,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multi-scale structure of ecological communities	
Legendre-Guillemain, Valérie	Université du Québec à Chicoutimi	Sciences fondamentales	Québec	CANADA	20/04/2007	5	155,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of hip1 and hip1r in endocytosis, structure-function analysis	
Lehman, Michael	University of Western Ontario	Anatomy and Cell Biology	Ontario	CANADA	20/04/2007	5	191,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interactions between the eye and central circadian clock	
Lehner, Bernhard	McGill University	Geography	Québec	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Global hydrological modeling to analyze the effects of climate, land use & socioeconomic change on the world's water resources	
Le-Huy, Hoang	Université Laval	Génie électrique et génie informatique	Québec	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Energy efficiency optimization of variable-speed AC drives in motor and generator operations	
Leigh, William	McMaster University	Chemistry	Ontario	CANADA	20/04/2007	5	425,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Group 14 reactive intermediates	
Lemay, Guy	Université de Montréal	Microbiologie et immunologie	Québec	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular study of reovirus outer capsid proteins: fundamental aspects and applications.	

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Lemay, Stéphane	University of Saskatchewan	Agricultural and Bioresource Engineering	Saskatchewan	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Engineering control of airborne contaminant emissions from livestock buildings	
Lemire, Daniel	Université du Québec	Télé-université (Montréal)	Québec	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Data mining and OLAP over sequential data	
Leonard, Jeremy	University of Alberta	Agricultural, Food & Nutritional Sc	Alberta	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Influence of physical properties on composting processes	
Leonenko, Zoia	University of Waterloo	Physics and Astronomy	Ontario	CANADA	13/06/2007	5	170,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biophysical study of lipid rafts and their role in amyloid fibril formation	
Lépine, François	Institut national de la recherche scientifique	INRS-Institut Armand-Frappier	Québec	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Elucidation of the biosynthesis of 4-hydroxy-2-alkylquinolines by pseudomonas aeruginosa	
Lesack, Lance	Simon Fraser University	Geography	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	2	61,220	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biogeochemistry of lakes in the Mackenzie delta	
Lesbarrères, David	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Biology	Ontario	CANADA	20/04/2007	5	96,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Global amphibian decline: emerging infectious diseases and local extinctions	
Leshner, Carl Michael	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Earth Sciences	Ontario	CANADA	20/04/2007	5	209,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Petrogenesis of mafic-ultramafic magmas and magmatic Ni-Cu-PGE deposits	
Lesperance, Mary	University of Victoria	Mathematics and Statistics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical methods for gene/protein expression and palliative care	

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Letcher, Robert	Carleton University	Chemistry	Ontario	CANADA	20/04/2007	5	86,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biotransformation and thyroidogenic effects of organochlorine and organobromine pollutants in avian and mammalian top predator sentinel species	
Leung, Albert	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	76,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cost-effective assembly of three-dimensional microstructures using a wirebonder	
Leung, Carson Kai-Sang	University of Manitoba	Computer Science	Manitoba	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Efficient mining of constrained patterns	
Leung, Cyril	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	166,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multimedia wireless communication systems	
Leung, Kam Tong	University of Waterloo	Chemistry	Ontario	CANADA	20/04/2007	5	402,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Surface science of silicon dangling bonds, condensed molecular films and nanostructured materials	
Levac, Elisabeth	Bishop's University	Environmental Studies and Geography	Québec	CANADA	20/04/2007	5	109,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sources and oceanic paths of large meltwater discharge events and their roles in abrupt holocene climatic events	
Lever, Alfred Barry	York University	Chemistry	Ontario	CANADA	20/04/2007	5	210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Electronic structural, spectroscopic and electrochemical aspects of inorganic chemistry	
Levesque, Claude	Université Laval	Mathématiques et statistique	Québec	CANADA	20/04/2007	5	50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Unités, groupe de classes et équations diophantiennes	

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Levesque, Moren	University of Waterloo	Management Sciences	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Decision making in new enterprise formation	
Levine, Martin	McGill University	Electrical & Computer Engineering	Québec	CANADA	20/04/2007	1	25,520	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Content-based image retrieval	
Lew, Roger	York University	Biology	Ontario	CANADA	20/04/2007	5	145,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The role of ion transport in cellular morphogenesis and osmotic stress responses	
Lewis, Marlon	Dalhousie University	Oceanography	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	330,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optical variability in the ocean	
Leyton-Brown, Kevin	University of British Columbia	Computer Science	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Competitive Multiagent Systems: Bridging the Gap between Theory and Practice	
Li, Chao-Jun	McGill University	Chemistry	Québec	CANADA	20/04/2007	3	255,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Developing highly efficient synthesis via the catalytic reaction of C-H bonds in water	
Li, Cheng	Memorial University of Newfoundland	Engineering & Applied Science, Faculty of	Newfoundland and Labrador/ Terre- Neuve-et-Labrador	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multicasting in mobile ad hoc and wireless sensor networks	
Li, Dongyang	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	20/04/2007	5	123,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of a novel wear-resistant materials with bionic microstructures and the self- stress adjusting capability	
Li, Hua	University of Lethbridge	Mathematics & Computer Science	Alberta	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Reconfigurable computing techniques and VLSI implementations for IT security and image processing	

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Li, Loretta	University of British Columbia	Civil Engineering	British Columbia/ Colombie-Britannique	CANADA	11/05/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Contaminant mobility in soils/sediments and treatment studies	
Li, Shuo	University of Western Ontario	Medical Biophysics	Ontario	CANADA	20/04/2007	5	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrated automatic five dimensional registration and segmentation system for image analysis	
Li, Simon	University of New Brunswick	Mechanical Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	3	55,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A computational team approach for large-scale design problems	
Li, Xing-Fang	University of Alberta	Laboratory Medicine and Pathology	Alberta	CANADA	20/04/2007	5	277,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Affinity techniques for capture, detection, and identification of viable pathogens	
Li, Yuanlin	Brock University	Mathematics	Ontario	CANADA	20/04/2007	5	50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The algebraic structures of group rings and related topics	
Li, Yue-Xian	University of British Columbia	Mathematics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modeling and analyzing mechanisms that generate oscillations and waves in cells and neurons	
Li, Yung-Hua	Dalhousie University	Dentistry, Faculty of	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular analysis of a peptide-mediated two-component signal transduction system in streptococcus mutans	
Lian, Keryn	University of Toronto	Materials Science and Engineering	Ontario	CANADA	20/04/2007	4	122,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Material systems for high power electrochemical energy storage	
Liang, Ben	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	112,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cooperative communication toward autonomous multihop wireless networking	

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Liang, Dong	York University	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mathematical modelling and computational methods in porous media flow and biology	
Liao, Zaiyi	Ryerson University	Architectural Science	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Inferential sensors and inferential control schemes for use in building automation	
Lie, David	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Low-level system software support for information security	
Lin, Yen-Han	University of Saskatchewan	Chemical Engineering	Saskatchewan	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Whole-cell gene and protein expression profilings of saccharomyces cerevisiae grown under different gravity environments	
Lina, Jean-Marc	École de technologie supérieure	Génie électrique	Québec	CANADA	20/04/2007	5	85,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Signaux bioélectriques et problèmes inverses en imagerie fonctionnelle cérébrale	
Lindstrom, Marcus	McGill University	Chemistry	Québec	CANADA	20/04/2007	3	76,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Green synthesis and catalysis- water as superior reaction solvent	
Ling, Chang-Chun	University of Calgary	Chemistry	Alberta	CANADA	20/04/2007	3	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chemical and chemoenzymatic syntheses of carbohydrates for therapeutic evaluations and immunological studies	
Ling, Charles	University of Western Ontario	Computer Science	Ontario	CANADA	20/04/2007	5	145,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Active cost-sensitive learning	

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Lingras, Pawan	Saint Mary's University	Mathematics and Computing Science	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Combining granular clustering and classifications in knowledge based networks	
Linn, Thomas	University of Western Ontario	Microbiology and Immunology	Ontario	CANADA	20/04/2007	3	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The role of sigma factors in regulating B cereus virulence	
Linnen, Robert	University of Waterloo	Earth Sciences	Ontario	CANADA	20/04/2007	5	195,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The behaviour of metals in magmatic-hydrothermal systems	
Lipsett, Michael	University of Alberta	Mechanical Engineering	Alberta	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Reliability of equipment in time-varying processes	
Lipshitz, Stanley	University of Waterloo	Applied Mathematics	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigations in digital signal processing and electroacoustics	
Liu, Hugh	University of Toronto	Aerospace Studies, Institute for	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cooperative control of multiple unmanned aerial vehicles	
Liu, Jiangchuan	Simon Fraser University	Computing Science	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Pervasive media distribution over heterogeneous wired and wireless networks	
Liu, Jun-Li	McGill University	Medicine	Québec	CANADA	20/04/2007	5	109,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The role IGF-I in pancreatic islet cell growth and glucose homeostasis	
Liu, Rong	Carleton University	Mechanical & Aerospace Engineering	Ontario	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Coating failure analysis based on microfracture beneath point indentation	
Liu, Xue	McGill University	Computer Science, School of	Québec	CANADA	20/04/2007	5	102,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrated Scheduling, optimization and control of networked embedded systems	

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Liu, Yanni	University of Manitoba	Computer Science	Manitoba	CANADA	20/04/2007	2	35,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Resource management in computer networks	
Lo, Hoi-Kwong	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	256,730	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantum cryptography: from theory and practice	
Lo, Reggie	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	20/04/2007	5	240,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	regulation of gene expression in Mannheimia haemolytica A1.	
Lo, Victor	University of British Columbia	Civil Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	An intergrated waste treatment and nutrient recovery system	
Lobb, David	University of Manitoba	Soil Science	Manitoba	CANADA	20/04/2007	5	95,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modelling soil movement by tillage	
Loeppky, Jason	University of British Columbia	Statistics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	40,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design and analysis of physical and computer experiments	
Loewen, Christopher	University of British Columbia	Cellular & Physiological Sciences	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	155,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Lipid signalling in yeast	
Loewen, Peter	University of Manitoba	Microbiology	Manitoba	CANADA	20/04/2007	5	450,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structural determinants of the oxidative stress response	
Loewen, Philip	University of British Columbia	Mathematics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	95,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applied nonsmooth analysis	
Lohka, Manfred Juergen	University of Calgary	Biological Sciences	Alberta	CANADA	20/04/2007	2	40,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Roles of mob proteins in mitotic exit	

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Lolle, Susan	University of Waterloo	Biology	Ontario	CANADA	20/04/2007	5	180,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Elucidating mechanisms of gene restoration	
Longerich, Henry	Memorial University of Newfoundland	Earth Sciences	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	3	49,440	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analysis of geological materials using ICP-MS	
Lopez-Ortiz, Alejandro	University of Waterloo	Computer Science, School of	Ontario	CANADA	20/04/2007	5	145,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Efficient algorithms for massive data sets for networks, information retrieval and scheduling	
Loughin, Thomas	Simon Fraser University	Statistics & Actuarial Science	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Identifying dispersion effects in unreplicated multilevel factorial experiments	
Love, Jennifer	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	117,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Catalytic reactions involving M-E bonds	
Lovejoy, Connie	Université Laval	Biologie	Québec	CANADA	20/04/2007	5	132,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biodiversity and vertical segmentation of microbial communities and gene expression in cold ocean ecosystems	
LoVetri, Joe	University of Manitoba	Electrical and Computer Engineering	Manitoba	CANADA	20/04/2007	5	155,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational electromagnetics and electromagnetic inverse imaging	
Low, Nicholas	University of Saskatchewan	Food and Bioproduct Sciences	Saskatchewan	CANADA	20/04/2007	3	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Food authenticity	
Loyka, Sergey	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	20/04/2007	5	135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Performance analysis and optimization of MIMO systems for wireless communications	

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Lu, Lixuan	University of Ontario Institute of Technology	Energy Systems & Nuclear Science, School of	Ontario	CANADA	20/04/2007	5	92,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Reliability and safety assessment of wireless networked control systems	
Lu, Wei-Kao	McMaster University	Materials Science and Engineering	Ontario	CANADA	20/04/2007	3	72,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fundamentals of clean technology of ironmaking and steelmaking	
Lu, Wilson	Acadia University	Mathematics and Statistics	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	3	42,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Orthogonal array construction and confidentiality in both survey and data-mining contexts	
Lu, Zhaosong	Simon Fraser University	Mathematics	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theory of cone programming and its applications	
Lu, Zheng-Hong	University of Toronto	Materials Science and Engineering	Ontario	CANADA	20/04/2007	5	140,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fullerene-based electronic thin-films and devices	
Lubell, Adam	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Innovative detailing for shear in concrete using high performance materials	
Luckman, Brian	University of Western Ontario	Geography	Ontario	CANADA	20/04/2007	5	198,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Reconstructing climate and hydrological variability in the Canadian cordillera	
Lucy, Charles	University of Alberta	Chemistry	Alberta	CANADA	20/04/2007	5	402,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Appropriate technology in analytical separations	
Ludwig, Simone	University of Saskatchewan	Computer Science	Saskatchewan	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Automation of service computing	
Lukacs, Gabor	University of Manitoba	Mathematics	Manitoba	CANADA	20/04/2007	5	50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Duality theories of topological groups and topological algebras	

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Lund, Steven	University of British Columbia	Land and Food Systems, Faculty of	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	118,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Metabolic engineering of wine grapes with improved flavonoid-based health properties	
Lutkenhaus, Norbert	University of Waterloo	Physics and Astronomy	Ontario	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optical quantum communication theory	
Lye, Leonard	Memorial University of Newfoundland	Engineering & Applied Science, Faculty of	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design and analysis of computer experiments, structural equation modelling and wavelet analysis of daily flows	
Lynch, Alan	University of Alberta	Electrical & Computer Engineering	Alberta	CANADA	20/04/2007	5	189,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applied nonlinear control of complex systems	
Ma, Dongling	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunication - Montréal	Québec	CANADA	20/04/2007	3	85,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of highly functional nano-architectures for biomedical applications	
Ma, Junling	University of Victoria	Mathematics and Statistics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modeling the evolutionary and epidemiological patterns of infectious diseases	
Mabury, Scott	University of Toronto	Chemistry	Ontario	CANADA	20/04/2007	5	277,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Reactivity, disposition and fate of fluorinated chemicals	
MacDonald, Bruce	University of New Brunswick	Biology (Saint John)	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	134,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	marine aggregates and their importance as a food source to benthic suspension-feeders	
Macdonald, Charles	University of Windsor	Chemistry and Biochemistry	Ontario	CANADA	20/04/2007	5	225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Low oxidation state main group chemistry	

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Macdonald, Ellen	University of Alberta	Renewable Resources	Alberta	CANADA	20/04/2007	5	156,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biodiversity and composition of understory plant communities in the boreal mixedwood forest	
MacDonald, Steven	University of Waterloo	Computer Science, School of	Ontario	CANADA	20/04/2007	5	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Testing and debugging concurrent software by deterministic execution	
MacDougall, Colin	Queen's University	Civil Engineering	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design and testing of natural fibre structural insulated panels	
MacDougall-Shackleton, Elizabeth	University of Western Ontario	Biology	Ontario	CANADA	20/04/2007	5	123,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mating signals gene flow and disease resistance in songbirds	
MacEachern, James	Simon Fraser University	Earth Sciences	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	121,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrated ichnological-sedimentological facies models: mixed-influence delta deposits	
MacGillivray, Gary	University of Victoria	Mathematics and Statistics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Combinatorial problems with a view towards algorithms and complexity	
MacGregor, Carolyn	University of Waterloo	Systems Design Engineering	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Transformable 3D interactive devices for virtual environments	
Machel, Hans	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	20/04/2007	1	40,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Burial diagenesis of carbonate rocks	
Mackay, Donald	Trent University	Environmental and Resource Studies	Ontario	CANADA	20/04/2007	3	84,060	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Models of chemical fate in the environment	

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MacKay, John	Université Laval	Sciences du bois et de la forêt	Québec	CANADA	20/04/2007	5	260,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure, genetic variability and regulation of the transcriptome in relation to wood formation in forest trees	
MacLachlan, Mark	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	275,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Supramolecular macrocyclic and coordination chemistry	
MacLeod, Colin	University of Waterloo	Psychology	Ontario	CANADA	20/04/2007	5	264,325	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Attention learning and memory: the fluency of processing	
MacLusky, Neil	University of Guelph	Biomedical Sciences	Ontario	CANADA	20/04/2007	5	143,075	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Androgen-induced neuroplasticity in the hippocampus and cerebral cortex	
MacPhee, Daniel	Memorial University of Newfoundland	Medicine, Faculty of	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The role of focal adhesion signalling in uterine smooth muscle during pregnancy	
Macrae, Merrin	University of Waterloo	Geography	Ontario	CANADA	20/04/2007	5	81,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Effect of antecedent hydrologic conditions and agricultural activity on riparian zone biogeochemistry	
Maeva, Elena Yu	University of Windsor	Physics	Ontario	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigation of the physico-chemical nature and structure of adhesive and polymer nano-composite joints during their degradation process	
MaGee, David	University of New Brunswick	Chemistry	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthetic methodologies and natural product synthesis	

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Magnan, Pierre	Université du Québec à Trois-Rivières	Chimie-biologie	Québec	CANADA	20/04/2007	5	173,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role du polymorphisme trophique dans l'évolution des populations de poissons	
Mahadevan, Radhakrishnan	University of Toronto	Chemical Engineering & Applied Chemistry	Ontario	CANADA	20/04/2007	4	106,720	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Systems biology approach for analyzing and engineering metabolism in microbial communities	
Mahalec, Vladimir	McMaster University	Chemical Engineering	Ontario	CANADA	20/04/2007	4	98,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hybrid modelling and optimization of process systems	
Maheswaran, Muthucumaru	McGill University	Computer Science, School of	Québec	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Trust management in autonomous social networks	
Maijer, Daan	University of British Columbia	Materials Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	135,075	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The mushy zone: Understanding the role of permeability	
Maini, Brij	University of Calgary	Chemical and Petroleum Engineering	Alberta	CANADA	20/04/2007	5	150,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improved exploitation of unconventional oil and gas reservoirs	
Makarov, Roman	Wilfrid Laurier University	Mathematics	Ontario	CANADA	20/04/2007	5	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nonlinear diffusion models in financial mathematics	
Maly, Kenneth	Wilfrid Laurier University	Chemistry	Ontario	CANADA	20/04/2007	3	76,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New materials from reversible covalent self-assembly	
Mamon, Rogemar	University of Western Ontario	Statistical and Actuarial Sciences	Ontario	CANADA	20/04/2007	5	62,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hidden markov models in quantitative finance	

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Mandel, David	University of Toronto	Psychology	Ontario	CANADA	20/04/2007	5	93,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Coherence of probability and contingency judgements	
Mann, George	Memorial University of Newfoundland	Engineering & Applied Science, Faculty of	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Intelligent control & navigation of mobile robots	
Mansfield, Shawn	University of British Columbia	Wood Science	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	From source to sink - carbon allocation in poplar	
Manthorpe, Jeffrey	Carleton University	Chemistry	Ontario	CANADA	20/04/2007	3	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Catalytic asymmetric reactions of sulfenes	
Manzon, Richard	University of Regina	Biology	Saskatchewan	CANADA	20/04/2007	2	54,656	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Thyroid regulation of fish development: physiological, cellular and molecular responses with evolutionary considerations	
Marceau, Danielle	University of Calgary	Geomatics Engineering	Alberta	CANADA	20/04/2007	5	130,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spatial dynamic modeling for environmental resource management	
Marchand, Eric	Université de Sherbrooke	Mathématiques	Québec	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Efficient constrained parameter inference for discrete, continuous, and multivariate models	
Marchand, Yannick	Dalhousie University	Computer Science, Faculty of	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	3	36,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	From speech synthesis by analogy to simulations of human reading	
Marcotte, Isabelle	Université du Québec à Montréal	Chimie	Québec	CANADA	20/04/2007	3	100,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	NMR study of the interaction of cardiotoxic drugs with ion channels in their membrane environment	

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Marcotte, Odile	Université du Québec à Montréal	Informatique	Québec	CANADA	20/04/2007	3	51,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Problèmes théoriques et pratiques en optimisation combinatoire	
Marcus, Brian	University of British Columbia	Mathematics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	165,825	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Entropy rate of hidden markov chains and capacity and coding for input-constrained channels	
Margolis, Hank	Université Laval	Sciences du bois et de la forêt	Québec	CANADA	20/04/2007	5	240,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ecophysiology of northern forests: scaling physiological processes and states in space and time	
Marignani, Paola	Dalhousie University	Medicine	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Vav2-mediated cell migration	
Marjoribanks, Robin	University of Toronto	Physics	Ontario	CANADA	20/04/2007	5	190,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ultr-intense and Ultra-fast laser-matter interaction physics	
Markopoulou Kalamara, Fotini	University of Waterloo	Physics and Astronomy	Ontario	CANADA	20/04/2007	3	66,198	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantum gravity from a quantum information theoretic perspective	
Marsiglio, Frank	University of Alberta	Physics	Alberta	CANADA	20/04/2007	5	234,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Reaction of electronic states to inhomogeneous spatial and abrupt temporal disturbances	
Marsolais, Frédéric	University of Western Ontario	Biology	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Asparagine metabolism and function in nitrogen signaling	
Martel, Alain	Université Laval	Opérations et systèmes de décision	Québec	CANADA	20/04/2007	5	127,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Supply chain engineering and management	

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Martel, Richard	Université de Montréal	Chimie	Québec	CANADA	20/04/2007	2	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Eletro-optical processes in carbon nanotubes	
Martel, Sylvain	École Polytechnique de Montréal	Génie informatique	Québec	CANADA	20/04/2007	5	221,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Magnetotactic bacteria- based microrobots	
Martell, Jaime	Cape Breton University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	3	70,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational studies of reactions with atmospheric implications using DFT and AIM methodologies	
Martin, Gerard	Memorial University of Newfoundland	Psychology (St. John's)	Newfoundland and Labrador/ Terre- Neuve-et-Labrador	CANADA	20/04/2007	5	87,435	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spatial learning	
Martin, Melanie	University of Winnipeg	Physics	Manitoba	CANADA	20/04/2007	1	25,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	In vivo imaging of the central nervous system	
Martin, Robert Francois	McGill University	Earth and Planetary Sciences	Québec	CANADA	20/04/2007	5	184,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Magmatic assemblages and metasomatic overprints	
Marzi, Hosein	St. Francis Xavier University	Information Systems	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interprocess communication for real- time embedded systems	
Marzouk, Hesham	Ryerson University	Civil Engineering	Ontario	CANADA	20/04/2007	5	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Utilization of high strength concrete for offshore applications	
Mashreghi, Javad	Université Laval	Mathématiques et statistique	Québec	CANADA	20/04/2007	5	50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Derivative of functions in de branges and dirichlet spaces	

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Masmoudi, Radhouane	Université de Sherbrooke	Génie civil	Québec	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modélisation par éléments finis du comportement à la flexion de nouveaux poteaux en matériaux composites et évaluation de leur performance à long terme	
Massie, Bernard	Université de Montréal	Microbiologie et immunologie	Québec	CANADA	20/04/2007	3	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Engineering of CHO and NS0 cells for increased productivity of industrial scale protein production systems	
Mather, Alan	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	20/04/2007	3	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Thermodynamic properties of fluids	
Mathewes, Rolf	Simon Fraser University	Biological Sciences	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	231,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Vegetation dynamics and paleoclimate in western Canada	
Matrawy, Ashraf	Carleton University	Systems and Computer Engineering	Ontario	CANADA	20/04/2007	5	81,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improving internet security through traffic analysis and examination of the internet's basic properties	
Matsakis, Pascal	University of Guelph	Computing and Information Science	Ontario	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational models of spatial relationships: shifting the focus to cognitive plausibility	
Matta, Cherif Farid	Mount Saint Vincent University	Chemistry/Physics	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	3	64,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A computational chemistry approach to environmental and public health	
Mattar, Saba	University of New Brunswick	Chemistry	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	262,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Experimental and Theoretical Studies of Paramagnetic Transient Reaction Intermediates	

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Matthews, Damon	Concordia University	Geography, Planning and Environment	Québec	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantifying uncertainty in future carbon cycle feedbacks	
Matthews, David	University of Waterloo	Statistics and Actuarial Science	Ontario	CANADA	20/04/2007	3	39,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical topics in biomedical research	
Mattsson, Jim	Simon Fraser University	Biological Sciences	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	2	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Genetic dissection of vascular differentiation in arabidopsis and poplar	
Matzner, Christopher	University of Toronto	Astronomy and Astrophysics	Ontario	CANADA	20/04/2007	5	182,045	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Star formation in massive stellar clusters	
Maundy, Brent	University of Calgary	Electrical & Computer Engineering	Alberta	CANADA	20/04/2007	5	83,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Linear circuit element design	
Maurer, Frank	University of Calgary	Computer Science	Alberta	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrating interaction design techniques into agile software development	
Mayer, Ulrich	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	162,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Gas and solute reactive transport in variably saturated porous media	
Mayers, André	Université de Sherbrooke	Informatique	Québec	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modélisation d'un agent expert générique pour un système tutoriel intellignet	
Mazurek, Kerry	University of Saskatchewan	Civil & Geological Engineering	Saskatchewan	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Scour and erosion resistance in cohesive soils	

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Mazzanti, Gianfranco	Dalhousie University	Process Engineering & Applied Science	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	148,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modelling the impact of processing conditions on the kinetics of self assembly of soft multicomponent materials: effects of shear flow	
McAuliffe, James (Jim)	Lakehead University	Kinesiology, School of	Ontario	CANADA	20/04/2007	5	78,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The effect of autonomic nervous system activation on object- and space- based attention	
McBean, Edward	University of Guelph	Engineering, School of	Ontario	CANADA	20/04/2007	5	130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improved detection of exposure risks in water distribution systems	
McBreen, Peter	Université Laval	Chimie	Québec	CANADA	20/04/2007	5	502,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stereoselective and multiple-bond chemistry on surfaces: new surface reactions	
McCabe, Brenda	University of Toronto	Civil Engineering	Ontario	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Automated data collection for construction	
McCartney, Curt	University of Saskatchewan	Crop Development Centre	Saskatchewan	CANADA	20/04/2007	5	131,105	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Genetic characterization of the triticum- stagonospora nodorum pathosystem	
McCaughey, Harry	Queen's University	Geography	Ontario	CANADA	20/04/2007	5	144,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Carbon and water dynamics in Canadian boreal and mixedwood forests: Jack pine in Saskatchewan and mixedwood in Ontario	
McCauley, Edward	University of Calgary	Biological Sciences	Alberta	CANADA	20/04/2007	5	240,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamics and stability of freshwater resource- consumer systems: testing mechanisms from structured theory	

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McConville, Kristiina	Ryerson University	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	97,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evaluation and modeling of human spatial control strategies in response to sensory inputs in virtual environments	
McCreery, Richard	University of Alberta	Chemistry	Alberta	CANADA	20/04/2007	3	186,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optical properties of molecular heterojunctions	
McCrosky, Carl	University of Saskatchewan	Electrical & Computer Engineering	Saskatchewan	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Frontiers-based synthesis of digital logic	
McDonald, Andrew	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Earth Sciences	Ontario	CANADA	20/04/2007	5	135,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applied crystal chemistry, earth materials	
McFadyen, Bradford	Université Laval	Réadaptation (physiothérapie, ergothérapie)	Québec	CANADA	20/04/2007	5	143,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Personal and environmental factors underlying locomotor navigation	
McFarland, Sherri	Acadia University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	3	74,550	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design and study of artificial nucleases for DNA photocleavage	
McGill, Stuart	University of Waterloo	Kinesiology	Ontario	CANADA	20/04/2007	5	310,375	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Reducing low back injury: expanding fundamental knowledge of spine function	
McGrady, Gerard Sean	University of New Brunswick	Chemistry	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Getting to grips with reactive inorganic molecules	
McGrenere, Joanna	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design and evaluation of adaptive and adaptable information technology	

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Mcheick, Hamid	Université du Québec à Chicoutimi	Informatique-mathématique	Québec	CANADA	20/04/2007	5	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Évolution et distribution des logiciels selon les techniques orientées aspect	
McIlraith, Sheila	University of Toronto	Computer Science	Ontario	CANADA	20/04/2007	5	165,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modeling, analysis, control and customization of component-based systems.	
McIntire, Eliot	Université Laval	Sciences du bois et de la forêt	Québec	CANADA	20/04/2007	5	89,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dispersal and reproduction in changing environments	
McKay, Derek	University of Calgary	Physiology and Biophysics	Alberta	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulating immune responses: what controls the regulators?	
McKay, John	Concordia University	Mathematics and Statistics	Québec	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The Witten manifold, moonshine, and related topics	
McKenzie, Jeffrey	McGill University	Earth and Planetary Sciences	Québec	CANADA	20/04/2007	5	88,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hydrogeology of cold regions: applications to permafrost, peatlands and surface water	
McKenzie, Pierre	Université de Montréal	Informatique et recherche opérationnelle	Québec	CANADA	20/04/2007	5	190,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational complexity of polynomial time problems	
McKinney, Anne	McGill University	Pharmacology and Therapeutics	Québec	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Characterizing the role of dendritic spine heterogeneity and motility in regulating spine structure and function	
McKinnon, David	University of Waterloo	Pure Mathematics	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Rational points on algebraic varieties	

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McKinnon, Stephen	Queen's University	Mining Engineering	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stress fields in complex rock masses	
McLachlan, Stephane	University of Manitoba	Environment & Geography	Manitoba	CANADA	20/04/2007	5	72,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spatiotemporal dynamics of a hemiparasitic in western Canada	
McLean, Alexander	University of Toronto	Materials Science and Engineering	Ontario	CANADA	20/04/2007	3	152,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fundamental aspects of oxide melts and iron-based alloy systems	
McLean, Linda	Queen's University	Rehabilitation Therapy, School of	Ontario	CANADA	20/04/2007	2	34,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biomechanical evaluation of pelvic floor muscle function	
McLellan, James	Queen's University	Chemical Engineering	Ontario	CANADA	20/04/2007	5	150,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mathematical and statistical tools for chemical process modeling and performance improvement	
McLeod, Robert	University of Winnipeg	Mathematics and Statistics	Manitoba	CANADA	20/04/2007	3	36,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optimal designs for industrial and computer experimentation	
McManus, Neil	University of Waterloo	Chemical Engineering	Ontario	CANADA	20/04/2007	4	88,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The production and properties of crosslinked water-soluble polymers	
McMaster, Christopher	Dalhousie University	Atlantic Research Centre	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	180,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cell biological role of the phosphoinositide and sterol binding protein kes1p	
McMillen, David	University of Toronto	Chemical and Physical Sciences	Ontario	CANADA	20/04/2007	2	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantitative biology: the physical chemistry of gene expression and regulation	

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McMullen, Lynn	University of Alberta	Agricultural, Food & Nutritional Sc	Alberta	CANADA	20/04/2007	5	170,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bacteriocins as interventions for food safety	
McNamara, Brian	University of Waterloo	Physics and Astronomy	Ontario	CANADA	20/04/2007	5	246,590	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Understanding the role of feedback from supermassive black holes in galaxy formation	
McNeil, Stephen	University of British Columbia	Unit 3 - Chemistry & Earth and Environmental Science (Okanagan)	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Reactivity consequences of electronic and spin state effects in organometallic chemistry	
McNeill, Dean	University of Manitoba	Electrical and Computer Engineering	Manitoba	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neural computation and embedded signal processing	
McNeill, Fiona	McMaster University	Medical Physics & Applied Radiation Sciences	Ontario	CANADA	20/04/2007	5	163,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	In vivo measurement of arsenic, aluminum, indium and fluorine	
McNulty, James	McMaster University	Chemistry	Ontario	CANADA	20/04/2007	5	225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New chirons and catalysts in asymmetric and general organic synthesis	
McQuibban, Angus	University of Toronto	Biochemistry	Ontario	CANADA	20/04/2007	1	30,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Determining the role of yeast rhomboid-2 in membrane trafficking	
McRae, Kenneth	University of Western Ontario	Psychology	Ontario	CANADA	20/04/2007	5	130,560	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Word meaning and sentence comprehension	
Meakin, Susan	University of Western Ontario	Biochemistry	Ontario	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Trkb. shc and rasgrf regulate nmda receptor activity	

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Mechawar, Naguib	McGill University	Psychiatry	Québec	CANADA	20/04/2007	5	130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neuregulins as modulators of dendritic growth and plasticity in the cerebral cortex	
Medley, John	University of Waterloo	Mechanical Engineering & Mechatronics	Ontario	CANADA	20/04/2007	5	165,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Tribology of biological interfaces for medical applications	
Mehrandezh, Mehran	University of Regina	Engineering, Faculty of	Saskatchewan	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Anchored-wander, a simultaneous localization, navigation, and control of a team of robots by fusing their intero/exteroceptive sensors	
Mehrani, Poupak	University of Ottawa/ Université d'Ottawa	Chemical Engineering	Ontario	CANADA	20/04/2007	4	96,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Study of electrostatic phenomenon in gas-solid processes	
Mehta, Sudarshan	University of Calgary	Chemical and Petroleum Engineering	Alberta	CANADA	20/04/2007	5	130,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Oxidation, ignition and combustion characteristics of hydrocarbons for the safety of drilling and upstream oil and gas operations and IOR	
Meinertzhagen, Ian	Dalhousie University	Psychology	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	390,675	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neural pathways and neurogenesis in invertebrate nervous systems	
Melacini, Giuseppe	McMaster University	Chemistry	Ontario	CANADA	20/04/2007	2	86,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mapping pre-fibrillar polypeptide self- recognition by NMR	
Mellet, Antoine	University of British Columbia	Mathematics	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analysis of free boundary problems and compressible fluids equations	

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Ménard, David	École Polytechnique de Montréal	Génie physique	Québec	CANADA	20/04/2007	5	140,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Magnetimpedance spectroscopy of magnetodielectric mesostructures	
Menon, Ravi	University of Western Ontario	Medical Biophysics	Ontario	CANADA	20/04/2007	5	225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Shedding light on the origin of BOLD	
Mercadier, Yves	Université de Sherbrooke	Génie mécanique	Québec	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Effets thermiques et phasiques dans les écoulements compressibles	
Mercier, Louis	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Chemistry and Biochemistry	Ontario	CANADA	20/04/2007	5	225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional nanoporous materials: synthesis, inclusion properties and applications	
Merkli, Marco	Memorial University of Newfoundland	Mathematics and Statistics	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	72,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mathematics of open quantum systems	
Merritt, Thomas	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Chemistry and Biochemistry	Ontario	CANADA	20/04/2007	5	145,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Genetic dissection of the NADPH metabolic network in drosophila	
Metallinos, Costa	Brock University	Chemistry	Ontario	CANADA	20/04/2007	3	108,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	An investigation of reduced phenanthroline derivatives in carbene and non-carbene mediated asymmetric synthesis	
Meyer, Irmtraud	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Comparative RNA structure prediction beyond stochastic context free grammars	
Mezey, Paul	Memorial University of Newfoundland	Chemistry	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	267,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High quality computational quantum chemistry modelling and design of the shape and properties of macromolecules	

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Michailovich, Oleg	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	20/04/2007	5	117,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamic assessment of cardiac functions by means of cardiac ultrasound elastography	
Michalska, Hannah	McGill University	Electrical & Computer Engineering	Québec	CANADA	20/04/2007	5	103,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Control and estimation of nonlinear and time delayed systems	
Micheau, Philippe	Université de Sherbrooke	Génie mécanique	Québec	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	commande de systèmes complexes sujets à des consignes ou des perturbations périodiques	
Michel, Christine	University of Manitoba	Environment, Earth, & Resources, Clayton Riddell Faculty of	Manitoba	CANADA	20/04/2007	5	86,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of exopolymers in the cycling of carbon in arctic seas	
Michelangeli, Diane	York University	Earth and Space Science and Engineering	Ontario	CANADA	20/04/2007	5	105,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modelling study of polar stratospheric clouds and the impact on stratospheric chemistry	
Mighri, Frej	Université Laval	Génie chimique	Québec	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structured polymer based materials for proton exchange membrane fuel cell applications	
Mili, Hamed	Université du Québec à Montréal	Informatique	Québec	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Understanding key transformations in model-driven development	
Milkereit, Bernd	University of Toronto	Physics	Ontario	CANADA	20/04/2007	5	218,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hardrock seismic imaging	
Millar, Robert	University of British Columbia	Applied Science, Faculty of	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	132,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bedform response to intense non-equilibrium sand loading	

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Miller, Daniel	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	20/04/2007	5	234,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Linear periodic controller design	
Miller, Ronald	Carleton University	Mechanical & Aerospace Engineering	Ontario	CANADA	20/04/2007	5	146,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Strength at the nanoscale: fundamental mechanisms of plasticity in nano-structured materials	
Milne, Douglas	University of Saskatchewan	Civil & Geological Engineering	Saskatchewan	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Rock mass characterisation and slope design	
Milone, Eugene	University of Calgary	Physics and Astronomy	Alberta	CANADA	20/04/2007	3	56,268	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improved obs. & analysis of eclipsing and other variables, tracers of stellar evolution & challenges to theory	
Minac, Jan	University of Western Ontario	Mathematics	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sylow-p subgroups of absolute galois groups, representation theory, and galois cohomology	
Minev, Peter	University of Alberta	Mathematical and Statistical Sciences	Alberta	CANADA	20/04/2007	5	97,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Numerical simulation of complex flows involving elastic membranes, fluid-fluid and fluid-solid interfaces	
Mintchev, Martin	University of Calgary	Electrical & Computer Engineering	Alberta	CANADA	20/04/2007	5	179,550	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced instrumentation methods for biomedical and oilfield applications	
Mirabbasi, Shahriar	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	137,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Architectures and circuits for high-performance highly integrated wireless/wireline communication systems	

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Miron, Gilles	Université de Moncton	Biologie	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	79,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Effets de l'environnement hydrosédimentaire et du comportement larvaire sur le recrutement benthique inertidal	
Misic, Vojislav	University of Manitoba	Computer Science	Manitoba	CANADA	20/04/2007	2	30,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design of service-oriented applications	
Misra, Sushil	Concordia University	Physics	Québec	CANADA	20/04/2007	5	77,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure/property relationships of active sites in disordered (amorphous/nanodomain) materials and single crystals	
Misra, Vikram	University of Saskatchewan	Veterinary Microbiology	Saskatchewan	CANADA	20/04/2007	5	340,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	How herpesviruses sense stress in their hosts	
Mitchell, Caroline	University of Saskatchewan	Physics and Engineering Physics	Saskatchewan	CANADA	20/04/2007	2	37,560	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Probing the metal surface/amino acid interface with scanning tunneling microscopy and synchrotron spectroscopy	
Mitchell, Ian	University of British Columbia	Computer Science	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	107,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algorithms and software for the hamilton-jacobi equation and applications in control, robotics and verification	
Mitchell, Roger	Lakehead University	Geology	Ontario	CANADA	20/04/2007	5	242,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mineralogy and petrology of kimberlites and alkaline rocks	
Modesto, Sean	Cape Breton University	Science and Technology, School of	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	151,700	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Survivorship and recovery of early triassic tetrapods following the permo- triassic extinction event	

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Moffatt, Barbara	University of Waterloo	Biology	Ontario	CANADA	20/04/2007	5	390,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular analysis of the relatedness between adenosine, methylation and cytokinin metabolism	
Mohamed, Yasser	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modeling and knowledge engineering of industrial construction processes	
Mohanty, Bibhuti	University of Toronto	Civil Engineering	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Impact and explosion-induced fractures in rocks	
Mojirsheibani, Majid	Carleton University	Mathematics and Statistics, School of	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical classification and curve estimation in some nonstandard cases	
Molot, Lewis	York University	Environmental Studies, Faculty of	Ontario	CANADA	20/04/2007	5	77,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Particulate organic carbon formation and phosphorus/iron supply ratios along pH and trophic gradients in lakes	
Monahan, Adam	University of Victoria	Earth and Ocean Sciences, School of	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	155,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Probabilistic perspectives on climate dynamics	
Monchesky, Theodore	Dalhousie University	Physics and Atmospheric Science	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	237,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Si and Ge based spintronic materials	
Monette, Frédéric	École de technologie supérieure	Génie de la construction	Québec	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Procédé intensif de tertiaire d'enlèvement de l'azote	
Mongeau, Luc	McGill University	Mechanical Engineering	Québec	CANADA	20/04/2007	5	140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Measurements, characterization and improvement of heat transport in thermoacoustic coolers	

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Monnier, Stefan	Université de Montréal	Informatique et recherche opérationnelle	Québec	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Type based software verification	
Monteiro, Mario	University of Guelph	Chemistry	Ontario	CANADA	20/04/2007	3	111,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Complex carbohydrates: structure, function and vaccines	
Montecocchi, William	Memorial University of Newfoundland	Psychology (St. John's)	Newfoundland and Labrador/ Terre- Neuve-et-Labrador	CANADA	20/04/2007	5	168,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Foraging and migratory ecology of eastern Canadian seabirds	
Moore, Edwin	University of British Columbia	Cellular & Physiological Sciences	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	117,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	3D cellular cartography and modeling	
Moore, Margo	Simon Fraser University	Biological Sciences	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	275,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Virulence factors of the opportunistic fungal pathogen, aspergillus fumigatus	
Moo-Young, Murray	University of Waterloo	Chemical Engineering	Ontario	CANADA	20/04/2007	3	88,080	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bioreactor systems design for bioprocess innovations	
Mora Diez, Nelaine	Thompson Rivers University	Chemistry	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	2	54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theoretical thermodynamic and kinetic studies of organic systems of interest	
Moran, Gerald	McMaster University	Medical Physics & Applied Radiation Sciences	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Phantom construction and comparative imaging methods to assess cellular water	
Morck, Douglas	University of Calgary	Biological Sciences	Alberta	CANADA	20/04/2007	2	39,040	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Pathobiology of bovine footrot	

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Moreau, Gaétan	Université de Moncton	Biologie	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	84,700	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Effets de la fréquence des perturbations écosystémiques sur les propriétés des réseaux trophiques	
Morency, Catherine	École Polytechnique de Montréal	Génies Civil, géologique et des mines	Québec	CANADA	20/04/2007	5	97,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Méthodes et information pour la planification durable des transports	
Moreno-Hagelsieb, Gabriel	Wilfrid Laurier University	Biology	Ontario	CANADA	20/04/2007	5	160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional modules in prokaryotic genomes	
Morin, Hubert	Université du Québec à Chicoutimi	Sciences fondamentales	Québec	CANADA	20/04/2007	5	120,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Relations entre les épidémies de la tordeuse des bourgeons de l'épinette et la dynamique forestière en Amérique du Nord	
Morin, Sylvie	York University	Chemistry	Ontario	CANADA	20/04/2007	5	225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Study of the formation of thin films materials and their properties	
Morris, Douglas	Lakehead University	Biology	Ontario	CANADA	20/04/2007	5	267,550	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The evolutionary and population ecology of habitat selection	
Morris, William	McMaster University	Geography and Earth Sciences, School of	Ontario	CANADA	20/04/2007	5	101,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of 3D geological models through integration of multiple remote sensing and geophysical data sets	
Morrison, Jason	University of Manitoba	Biosystems Engineering	Manitoba	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applied computational geometry in fundamentals of bio-imaging and analysis	

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Moshovos, Andreas	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	146,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	AENAO: high-performance, power-aware and reliable processors and computer systems	
Moss, David	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	20/04/2007	5	133,460	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Novel materials and nanophotonic structures for ultra high speed all optical signal processing	
Moss, Thomas	Université Laval	Biologie médicale	Québec	CANADA	20/04/2007	5	140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Xenopus NIK/MSN family kinases in planar polarity and convergent extension	
Mould, David	University of Saskatchewan	Computer Science	Saskatchewan	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stylization of virtual scenery	
Mounier, Catherine	Université du Québec à Montréal	Sciences biologiques	Québec	CANADA	20/04/2007	2	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of medium chain fatty acids in the regulation of fatty acid synthase	
Mousavi, Parvin	Queen's University	Computing, School of	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational methods in biomedicine using image and large-scale molecular data	
Moussa, Medhat	University of Guelph	Engineering, School of	Ontario	CANADA	20/04/2007	5	85,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Adaptive bio-microsystems using smart materials and FPGAs	
Moussavi, Zahra	University of Manitoba	Electrical and Computer Engineering	Manitoba	CANADA	20/04/2007	5	109,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modeling and analyzing the acoustic signatures of human swallowing mechanism	
Mozurkewich, Michael	York University	Chemistry	Ontario	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Kinetics and mechanisms of atmospheric hydrocarbon oxidation and particle formation	

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Mudur, Sudhir	Concordia University	Computer Science and Software Engineering	Québec	CANADA	20/04/2007	5	130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational techniques for processing and visualising very large datasets in 3D	
Mueser, Martin	University of Western Ontario	Applied Mathematics	Ontario	CANADA	20/04/2007	5	192,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular dynamics simulation of extreme thermal and mechanical conditions	
Muir, Gillian	University of Saskatchewan	Veterinary Biomedical Sciences	Saskatchewan	CANADA	20/04/2007	5	147,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Plasticity of sensorimotor behaviour	
Muir, Paul	Saint Mary's University	Mathematics and Computing Science	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	92,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Robustness and efficiency improvements and problem class extensions for numerical software for differential equations	
Mullins, John	École Polytechnique de Montréal	Génie informatique	Québec	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analyse probabiliste des protocoles de sécurité à flux d'information admissible	
Mumby, David	Concordia University	Psychology	Québec	CANADA	20/04/2007	5	189,325	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hippocampus and memory in rats and bats	
Munro, Ian	University of Waterloo	Computer Science, School of	Ontario	CANADA	20/04/2007	5	460,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Efficiency of data structures	
Murnaghan, Fiona	University of Toronto	Mathematics	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Characters and related distributions on reductive p-adic groups, distinguished representations	
Murphy, Robert	University of Toronto	Ecology & Evolutionary Biology	Ontario	CANADA	20/04/2007	5	120,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A genogeographic analysis of caucasian vipers	

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Murphy, Scott	University of Regina	Chemistry and Biochemistry	Saskatchewan	CANADA	20/04/2007	3	81,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Supramolecular organic photochemistry: incorporating function through molecular design	
Murugesu, Muralee	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	20/04/2007	3	64,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecule-based magnetic materials	
Mustafa, Arif	McGill University	Animal Science	Québec	CANADA	20/04/2007	1	27,251	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ruminal biohydrogenation and milk fat synthesis	
Myal, Yvonne	University of Manitoba	Pathology	Manitoba	CANADA	20/04/2007	2	72,070	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biological role of the mouse submaxillary gland protein (msmgp)	
Myers, Judith	University of British Columbia	Zoology	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	219,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Population ecology of an endemic and an invasive species	
Mylopoulos, John	University of Toronto	Computer Science	Ontario	CANADA	20/04/2007	5	350,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Semantic Models for Information Systems	
Nabutovsky, Alexander	University of Toronto	Mathematics	Ontario	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Complexity and variational problems in Riemannian geometry	
Nadarajah, Siva	McGill University	Mechanical Engineering	Québec	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optimum shape design of wind turbine blades	
Nadler, Ben	University of Alberta	Mechanical Engineering	Alberta	CANADA	20/04/2007	5	92,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of failure criteria of thin shells and fabrics based on multiscale modeling and peridynamic	

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Nagamune, Ryoza	University of British Columbia	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	112,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Robust control applications to hard disk drives	
Nagata, Wayne	University of British Columbia	Mathematics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	65,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bifurcations in dynamical systems and applications	
Nahon, Meyer	McGill University	Mechanical Engineering	Québec	CANADA	20/04/2007	5	192,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamics and control of multi-tethered buoyant platforms	
Nairn, David	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	20/04/2007	5	121,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High performance analog circuits for large scale integrated systems	
Najjaran, Homayoun	University of British Columbia	Engineering, School of	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	92,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Generic sensor fusion framework for accurate localization of service robots	
Nakhla, Michel	Carleton University	Electronics	Ontario	CANADA	20/04/2007	5	295,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced computer-based techniques for simulation and design of high-speed microelectronic systems	
Nandy, Biswajit	Carleton University	Systems and Computer Engineering	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Control and management of next generation IP networks	
Narasimhan, Sriram	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Semiactive control of nonlinear and deteriorating structures	
Narine, Suresh	University of Alberta	Agricultural, Food & Nutritional Sc	Alberta	CANADA	20/04/2007	5	180,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure and physical properties of polymers derived from lipid feedstock	
Nassuth, Annette	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Abiotic stress tolerance in grapes	

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Naumkin, Fedor	University of Ontario Institute of Technology	Science, Faculty of	Ontario	CANADA	20/04/2007	5	122,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design and Characterization of Hard and Soft Filled Cluster Cages	
Naumova, Anna	McGill University	Obstetrics and Gynecology	Québec	CANADA	20/04/2007	3	63,510	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Genomic imprinting and meiosis	
Naylor, David	Ryerson University	Mechanical and Industrial Engineering	Ontario	CANADA	20/04/2007	5	132,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Convective heat transfer research for building energy calculations	
Nazhat, Showan	McGill University	Mining, Metals & Materials Engineering	Québec	CANADA	20/04/2007	4	98,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biomimetic scaffolds for tissue engineering through plastic compression	
Neale, Kenneth	Université de Sherbrooke	Génie civil	Québec	CANADA	20/04/2007	5	350,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Matériaux composites an génie civil; micromécanique des métaux	
Neath, Ian	Memorial University of Newfoundland	Psychology (St. John's)	Newfoundland and Labrador/ Terre- Neuve-et-Labrador	CANADA	20/04/2007	5	159,025	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	System-wide principles of memory: examining exceptions in working memory	
Neff, Bryan	University of Western Ontario	Biology	Ontario	CANADA	20/04/2007	5	253,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular and behavioural ecology of fishes	
Nelson, Dewart (Erle)	Simon Fraser University	Archaeology	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	3	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Archaeometric research	
Nelson, Joseph	University of Alberta	Biological Sciences	Alberta	CANADA	20/04/2007	5	72,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fish classification and systematics	
Neumann, Patrick	Ryerson University	Mechanical and Industrial Engineering	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Simulation, human factors, and innovation in work system design	

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Newhook, John	Dalhousie University	Civil and Resource Engineering	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	97,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigation of adaptive prestressing for concrete structures	
Newling, Benedict	University of New Brunswick	Physics	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Magnetic Resonance Imaging of Fleeting Signals	
Newman, Aaron	Dalhousie University	Psychology	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	99,940	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neuroplasticity and language	
Ng, Flora	University of Waterloo	Chemical Engineering	Ontario	CANADA	20/04/2007	5	157,520	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Innovations for green and renewable energy production	
Ng, Hoi (Dick)	Concordia University	Mechanical and Industrial Engineering	Québec	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	On the combustion characteristics and safety aspects of future alternative fuels	
Ngadi, Michael	McGill University	Bioresource Engineering	Québec	CANADA	20/04/2007	5	126,700	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structural changes in batter coating systems during deep-fat frying	
Nganbe, Michel	University of Ottawa/ Université d'Ottawa	Mechanical Engineering	Ontario	CANADA	20/04/2007	5	97,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nanostructured high performance metal matrix composites for high temperature, load, wear and corrosion applications	
Nguyen, Ha	University of Saskatchewan	Electrical & Computer Engineering	Saskatchewan	CANADA	20/04/2007	5	146,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bandwidth-effecient cooperative diversity techniques for wireless systems	
Nickling, William	University of Guelph	Geography	Ontario	CANADA	20/04/2007	5	186,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sediment entrainment and transport in sparsley vegetated arid and semi arid environments	

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Nigam, Nilima	McGill University	Mathematics and Statistics	Québec	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fast algorithms in computational scattering, and interdisciplinary modeling and simulation	
Nikiforuk, Peter	University of Saskatchewan	Mechanical Engineering	Saskatchewan	CANADA	20/04/2007	3	66,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Adaptive control systems; electrohydraulic control systems	
Nikolaev, Igor	University of Calgary	Mathematics and Statistics	Alberta	CANADA	20/04/2007	5	50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Operator algebras in geometry and topology	
Nikolova, Natalia	McMaster University	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	189,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New generation of feasible approaches to microwave imaging aided by full wave analysis	
Nikonov, Georgii	Brock University	Chemistry	Ontario	CANADA	20/04/2007	5	141,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Transition metal hydride and main-group element complexes in new ligand environments	
Nilson, Laura	McGill University	Biology	Québec	CANADA	20/04/2007	5	160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanisms of epithelial morphogenesis in drosophila	
Nkambou, Roger	Université du Québec à Montréal	Informatique	Québec	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Knowledge Discovery and modeling in Intelligent Tutoring Systems	
Nodwell, Justin	McMaster University	Biochemistry and Biomedical Sciences	Ontario	CANADA	20/04/2007	1	25,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanism of action of the BldB-like family of proteins	
Nojeh, Alireza	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	155,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Controllable nanoscale electron emitters	

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Nokken, Michelle	Concordia University	Building, Civil and Environmental Engineering	Québec	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of a relationship between specifications and in situ testing for concrete durability	
Normand, Charles	Université du Québec à Montréal	Sciences de la terre et de l'atmosphère	Québec	CANADA	20/04/2007	5	77,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mineralogical controls on the nature and composition of fluids in serpentinites	
Noskov, Sergei	University of Calgary	Biological Sciences	Alberta	CANADA	20/04/2007	3	115,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	An integrative approach to evaluate free energies in biomolecular systems	
Novog, David	McMaster University	Engineering Physics	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nuclear nanofluid thermalhydraulics	
Novruzi, Arian	University of Ottawa/ Université d'Ottawa	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Shape optimization problems - analysis and computations. application to hydrogen fuel cells and artificial hearts	
Nuno, Natalia	École de technologie supérieure	Génie de la production automatisée	Québec	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analyse numérique de la technique de resurfaçage de la hanche: évaluation et optimisation de la technique	
O'Dell, Duncan	McMaster University	Physics and Astronomy	Ontario	CANADA	20/04/2007	5	145,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theory of ultracold atoms: from fundamentals of quantum mechanics to applications	
Ogilvie, William	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	20/04/2007	5	190,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New enantioselective and stereoselective organic reactions	

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Oguamanam, Donatus	Ryerson University	Mechanical and Industrial Engineering	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Intelligent active damping for vibration control	
Okine, Erasmus	University of Alberta	Agricultural, Food & Nutritional Sc	Alberta	CANADA	20/04/2007	5	122,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biological basis for variation in feed intake and nutrient utilization	
Oko, Richard	Queen's University	Anatomy and Cell Biology	Ontario	CANADA	20/04/2007	5	185,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sperm inner acrosomal membrane proteins: their ontogeny and role in fertilization	
Okouneva, Galina	Ryerson University	Aerospace Engineering	Ontario	CANADA	20/04/2007	2	32,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computer vision algorithms for aerospace applications	
Oldenburg, Douglas	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	339,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Inversion and inference of geophysical data	
Olds, Elizabeth	Wilfrid Laurier University	Psychology	Ontario	CANADA	20/04/2007	2	30,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The time-course of human visual selection and recognition	
O'Leary, Stephen	University of Windsor	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	121,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Semiconductors for large area electron device applications: materials issues and devices implications	
Olekhnovitch, Andrei	École Polytechnique de Montréal	Génie physique	Québec	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Transfert de chaleur et de masse en écoulement bouillant	
Oleszkiewicz, Jan	University of Manitoba	Civil Engineering	Manitoba	CANADA	20/04/2007	5	200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Limit of treatment nutrient removal in cold climate	

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Oliver, Derek	University of Manitoba	Electrical and Computer Engineering	Manitoba	CANADA	20/04/2007	5	85,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Electronic characterization of composite materials for MEMS and nanoscale integration	
Ollevier, Thierry	Université Laval	Chimie	Québec	CANADA	20/04/2007	5	180,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New methods for synthetic organic chemistry	
Oloman, Colin	University of British Columbia	Chemical and Biological Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	74,010	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design of electrochemical reactors	
O'Meara, Joanne	University of Guelph	Physics	Ontario	CANADA	20/04/2007	5	130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Elemental analysis in medical physics and astro-geology	
Ono, Hiroshi	York University	Psychology - (Arts)	Ontario	CANADA	20/04/2007	5	193,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sensory and motor aspects of space perception	
Ono, Yuu	Carleton University	Systems and Computer Engineering	Ontario	CANADA	20/04/2007	5	107,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Piezoelectric and ultrasonic sensors and techniques for non-invasive biomedical monitoring and diagnosis	
Oore, Sageev	Saint Mary's University	Mathematics and Computing Science	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Adaptive high degree-of-freedom interaction techniques	
Opps, Sheldon	University of Prince Edward Island	Physics	Prince Edward Island/ Île-du-Prince-Édouard	CANADA	20/04/2007	5	93,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical mechanics of polymer systems and lipid bilayer membranes	
Orchard, Ian	University of Toronto	Biology (Erindale)	Ontario	CANADA	20/04/2007	5	272,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neurobiology of peptidergic and aminergic neurons in insects	

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Orchard, Jeffery	University of Waterloo	Computer Science, School of	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Scientific computing in medical image reconstruction	
Ortega, Joaquin	McMaster University	Biochemistry and Biomedical Sciences	Ontario	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structural and functional analysis of chromatin remodeling complexes	
Osborn, Sylvia	University of Western Ontario	Computer Science	Ontario	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role-based access control: database systems research	
Ottenwaelder, Xavier	Concordia University	Chemistry and Biochemistry	Québec	CANADA	20/04/2007	3	91,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Transition metal complexes for hydroxylation of unactivated hydrocarbons	
Ouarda, Taha	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	20/04/2007	5	200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Conception et opération des structures hydrauliques dans un cadre de variabilité et de changement	
Ould Haye, Mohamedou	Carleton University	Mathematics and Statistics, School of	Ontario	CANADA	20/04/2007	2	34,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Time series with long range dependence	
Ouyed, Rachid	University of Calgary	Physics and Astronomy	Alberta	CANADA	20/04/2007	5	182,045	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Jets from compact stars and inner engines of gamma ray bursts	
Owens, Philip	University of Northern British Columbia	Environmental Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Impacts of wildfire on soil erosion and fine-grained sediment dynamics in forested aquatic systems	
Oxland, Thomas	University of British Columbia	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	215,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biomechanical behaviour of the spinal cord	

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Ozga, Jocelyn	University of Alberta	Agricultural, Food & Nutritional Sc	Alberta	CANADA	20/04/2007	5	250,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Coordination of plant organ development through hormonal interaction	
Pack, Christopher	McGill University	Neurology and Neurosurgery	Québec	CANADA	20/04/2007	5	133,710	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spatiotemporal interaction of saccades and visual motion processing	
Packer, Laurence	York University	Biology	Ontario	CANADA	20/04/2007	5	279,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bees: systematics, sociobiology and conservation	
Paczuski, Maya	University of Calgary	Physics and Astronomy	Alberta	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Complexity science	
Paetzel, Mark	Simon Fraser University	Molecular Biology & Biochemistry	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	185,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structural and mechanistic studies of Ser/Lys dyad proteases	
Pai, Dinesh	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Human movement and contact in computer animation	
Palermo, Daniel	University of Ottawa/ Université d'Ottawa	Civil Engineering	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Performance of reinforced concrete elements subjected to extreme loads	
Paliyath, Gopinadhan	University of Guelph	Plant Agriculture (Guelph)	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biochemical and molecular mechanisms of phospholipase D action during ethylene signal transduction and fruit ripening	
Palmer, Michael	University of Waterloo	Chemistry	Ontario	CANADA	20/04/2007	5	250,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure and function of pore-forming toxins	

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Pan, Qinmin	University of Waterloo	Chemical Engineering	Ontario	CANADA	20/04/2007	5	153,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of smart nanomaterials for applications in catalytic and medical fields	
Pansare, Sunil	Memorial University of Newfoundland	Chemistry	Newfoundland and Labrador/ Terre- Neuve-et-Labrador	CANADA	20/04/2007	5	225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design and application of new methods for asymmetric carbon-carbon bond formation	
Papadopoulos, Christo	University of Victoria	Electrical and Computer Engineering	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	3	70,410	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Carbon Nanotube Electronics: Synthesis and Characterization of Novel Device Structures	
Papangelakis, Vladimiros	University of Toronto	Chemical Engineering & Applied Chemistry	Ontario	CANADA	20/04/2007	5	140,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New sensors in pressure hydrometallurgy	
Pape, Paul	Université de Sherbrooke	Physiologie et biophysique	Québec	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The regulation of excitation-contraction coupling in cardiac muscle	
Papoulia, Katerina	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	20/04/2007	5	102,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational models of cohesive fracture in polymer based composites	
Paquet, Marc	École de technologie supérieure	Génie de la production automatisée	Québec	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Conception de réseaux manufacturiers robustes	
Paquette, Jeanne	McGill University	Earth and Planetary Sciences	Québec	CANADA	20/04/2007	5	77,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Trace element uptake, morphology & crystal growth	
Paquin, Jean-François	Université Laval	Chimie	Québec	CANADA	20/04/2007	3	114,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New synthetic approaches to fluoroorganic compounds	
Paraschivoiu, Ion	École Polytechnique de Montréal	Génie mécanique	Québec	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced prediction methods for aircraft and vertical axis wind turbine design	

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Paraschivoiu, Marius	Concordia University	Engineering and Computer Science, Faculty of	Québec	CANADA	20/04/2007	5	130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Numerical acoustic and flow simulations for clean energy systems	
Paré, Robert	Dalhousie University	Mathematics and Statistics	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applications of double categories	
Paris, Jean	École Polytechnique de Montréal	Génie chimique	Québec	CANADA	20/04/2007	3	63,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Démarche intégrée d'optimisation énergétique des procédés papetiers	
Park, Andrew	University of Winnipeg	Biology	Manitoba	CANADA	20/04/2007	5	72,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional traits as a template to develop a restoration silvics of neotropical trees	
Park, Doug	University of Waterloo	Pure Mathematics	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Topology of symplectic four-manifolds	
Park, Edward	University of Victoria	Mechanical Engineering	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applications of distributed control techniques in flexible structures	
Parker, William	Lakehead University	Forestry and the Forest Environment, Faculty of	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Seed transfers of boreal conifers in an uncertain future climate	
Parkinson, Fiona	University of Manitoba	Pharmacology and Therapeutics	Manitoba	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The neurovascular unit in culture	
Parmenter, Michael	Memorial University of Newfoundland	Mathematics and Statistics	Newfoundland and Labrador/ Terre- Neuve-et-Labrador	CANADA	20/04/2007	5	50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Group rings and related topics	
Parrish, Christopher	Memorial University of Newfoundland	Ocean Sciences Centre	Newfoundland and Labrador/ Terre- Neuve-et-Labrador	CANADA	20/04/2007	5	180,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Production, transport, fate and effects of lipids in the marine environment	

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Parrott, Lael	Université de Montréal	Géographie	Québec	CANADA	20/04/2007	5	102,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modelling and characterization of complex structures and dynamics in terrestrial ecosystems	
Parsa, Vijay	University of Western Ontario	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	103,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sound quality assessment of communication and assistive hearing devices	
Parsons, Jeffrey	Memorial University of Newfoundland	Business Administration, Faculty of	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Using classification principles to support semantic integration in information engineering	
Patel, Rajnikant	University of Western Ontario	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	288,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design and control of advanced robotic systems and devices	
Patterson, Tim	Carleton University	Earth Sciences	Ontario	CANADA	20/04/2007	5	165,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Holocene climate records from meromictic lakes and an ombrotrophic peatland in eastern Canada	
Paudel, Hemant	McGill University	Neurology and Neurosurgery	Québec	CANADA	20/04/2007	5	170,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Phosphorylation of protein phosphatase 1 during neuronal differentiation	
Paul, Christ	University of Waterloo	Mechanical Engineering & Mechatronics	Ontario	CANADA	20/04/2007	5	97,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Innovations in cemented carbide tool fabrication and repair using laser cladding	
Paul, Reginald	University of Calgary	Chemistry	Alberta	CANADA	20/04/2007	5	102,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ion transport in polyelectrolyte membranes	
Pauls, Peter	University of Guelph	Plant Agriculture (Guelph)	Ontario	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cellular and molecular aspects of brassica napus microspore embryogenesis	

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Pawelek, Peter	Concordia University	Chemistry and Biochemistry	Québec	CANADA	20/04/2007	5	200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biosynthesis and secretion of bacterial siderophores	
Pawlak, Mirosław	University of Manitoba	Electrical and Computer Engineering	Manitoba	CANADA	20/04/2007	5	185,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Semiparametric learning in signal processing, communication systems and pattern recognition	
Pawlik, Marek	University of British Columbia	Mining Engineering	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	131,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Lyotropic ion effects in interfacial phenomena in mineral processing	
Peemoeller, Hartwig	University of Waterloo	Physics and Astronomy	Ontario	CANADA	20/04/2007	5	145,550	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nuclear magnetic resonance of disordered materials	
Peeters, Els	University of Western Ontario	Physics and Astronomy	Ontario	CANADA	20/04/2007	3	82,749	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The PAH emission features as a diagnostic tool	
Pelletier, Francis	Simon Fraser University	Philosophy	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	170,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Inference: Theories and computation	
Penner, Glenn	University of Guelph	Chemistry	Ontario	CANADA	20/04/2007	5	130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular structure and dynamics in solids	
Pépin, Henri	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	20/04/2007	5	256,730	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Femtoscience appliquée aux sources d'ions et à l'imagerie moléculaire	
Perez Velazquez, Jose Luis	University of Toronto	Pediatrics	Ontario	CANADA	11/05/2007	5	162,175	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spatio-temporal patterns of synchronized brain activity	
Periyalwar, Shalini	Carleton University	Systems and Computer Engineering	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Resource management and medium access control in multi-hop cognitive wireless networks	

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Perreault, Jean-Pierre	Université de Sherbrooke	Biochimie	Québec	CANADA	20/04/2007	5	280,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biochemistry and molecular biology of a model viroid	
Perry, Steve	University of Ottawa/ Université d'Ottawa	Biology	Ontario	CANADA	20/04/2007	5	453,275	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrating ionic regulation, acid-base balance and cardiorespiratory function in fish	
Persaud, Bhagwant	Ryerson University	Civil Engineering	Ontario	CANADA	20/04/2007	5	135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Methods for estimating crash modification functions for road safety interventions	
Pesant, Gilles	École Polytechnique de Montréal	Génie informatique	Québec	CANADA	20/04/2007	5	130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design of generic and robust search heuristic in constraint programming to solve practical combinatorial problems	
Pestov, Vladimir	University of Ottawa/ Université d'Ottawa	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geometry of infinite-dimensional groups	
Peterman, Randall	Simon Fraser University	Resource & Environmental Management, School of	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	231,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evaluation of methods for monitoring changes in abundance and productivity of pacific salmon populations	
Peters, Terence	University of Western Ontario	Medical Biophysics	Ontario	CANADA	20/04/2007	5	174,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Augmented reality display systems for minimally-invasive surgery	
Peterson, Carole	Memorial University of Newfoundland	Psychology (St. John's)	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	183,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Eyewitness memory and infantile amnesia in children	
Peterson, Larry	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	20/04/2007	3	174,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interactions between plants and symbiotic fungi	

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Petit, Ted	University of Toronto	Life Sciences - Scarborough	Ontario	CANADA	20/04/2007	5	113,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synaptic structure and plasticity	
Petrik, James	University of Guelph	Biomedical Sciences	Ontario	CANADA	20/04/2007	5	113,460	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of ovarian angiogenesis and function	
Petriu, Dorina	Carleton University	Systems and Computer Engineering	Ontario	CANADA	20/04/2007	5	160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Software performance engineering in the context of model-driven development	
Petrone, Richard	Wilfrid Laurier University	Geography and Environmental Studies	Ontario	CANADA	20/04/2007	5	93,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Effects of climate and disturbance on ecohydrological processes in the western boreal forest	
Pettigrew, Michel	École Polytechnique de Montréal	Génie mécanique	Québec	CANADA	20/04/2007	5	130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Flow-induced vibration and related studies	
Peyton, Liam	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	20/04/2007	2	30,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Model-based engineering of trusted information processes	
Pfaus, James	Concordia University	Psychology	Québec	CANADA	20/04/2007	5	305,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neuroanatomy and neurochemistry of sexual behavior	
Pharis, Richard	University of Calgary	Biological Sciences	Alberta	CANADA	20/04/2007	5	200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hormonal basis for inherently rapid stem growth in forest trees with emphasis on populus spp.	
Philip, Anie	McGill University	Surgery	Québec	CANADA	20/04/2007	5	142,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Endocrine control of gestation in mammals: structural and functional characterization of a novel steroid, estradienolone (ED)	

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Phillips, John	University of Victoria	Mathematics and Statistics	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modular index theory and spectral flow	
Pickup, Peter	Memorial University of Newfoundland	Chemistry	Newfoundland and Labrador/ Terre- Neuve-et-Labrador	CANADA	20/04/2007	5	390,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Metallopolymer and metal oxide based composites for electrochemical systems	
Pientka, Brigitte	McGill University	Computer Science, School of	Québec	CANADA	20/04/2007	5	135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	SAVE: towards a foundation for safe and verified software	
Piercey, Darren	University of New Brunswick	Psychology (Fredericton)	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	2	30,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Examining lexical access	
Pierre, Samuel	École Polytechnique de Montréal	Génie informatique	Québec	CANADA	20/04/2007	5	210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Architectures et plates- formes de services mobiles géolocalisés	
Pigot, Hélène	Université de Sherbrooke	Sciences, Faculté des	Québec	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	L'assistance cognitive: remédiation des déficits cognitifs par l'environnement	
Pike, Bruce	McGill University	Biomedical Engineering	Québec	CANADA	20/04/2007	5	210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Diffusion imaging of white matter fibre tracts	
Pilgrim, David	University of Alberta	Biological Sciences	Alberta	CANADA	20/04/2007	5	235,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular evolution of developmental regulatory pathways	
Pioro, Igor	University of Ontario Institute of Technology	Energy Systems & Nuclear Science, School of	Ontario	CANADA	20/04/2007	5	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Heat transfer at supercritical pressures	
Pitassi, Toniann	University of Toronto	Computer Science	Ontario	CANADA	20/04/2007	5	250,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Topics in proof complexity, circuit complexity, and communication complexity	

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Pitcher, Anthony	University of British Columbia	Fisheries Centre	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	96,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Restoration of marine ecosystems under the impacts of fisheries and climate	
Pitcher, Trevor	University of Windsor	Biological Sciences	Ontario	CANADA	20/04/2007	5	120,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The evolutionary ecology of genetic quality in fishes	
Platt, Robert	McGill University	Epidemiology and Biostatistics	Québec	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical methods for pediatric research	
Plotkin, Steven	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	4	120,160	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theoretical and computational investigations of single biomolecule and multicellular morphogenetic processes	
Poduska, Kristin	Memorial University of Newfoundland	Physics and Physical Oceanography	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	140,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Manipulating properties of electrodeposited materials via defects and templated growth	
Pogosian, Levon	Simon Fraser University	Physics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	92,676	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Observational tests of past and present inflation	
Polanyi, John	University of Toronto	Chemistry	Ontario	CANADA	20/04/2007	5	750,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular dynamics of chemical processes at surfaces	
Pollard, Wayne	McGill University	Geography	Québec	CANADA	20/04/2007	5	130,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The biophysical significance of groundwater and ground ice processes in high arctic permafrost systems	
Polterovich, Iosif	Université de Montréal	Mathématiques et de statistique	Québec	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geometric and dynamical aspects of spectral theory	

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Ponge, Raphael	University of Toronto	Mathematics	Ontario	CANADA	20/04/2007	5	50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Noncommutative geometry and applications	
Pooladi-Darvish, Mehran	University of Calgary	Chemical and Petroleum Engineering	Alberta	CANADA	20/04/2007	5	126,700	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modelling of gas production from hydrate reservoirs	
Popovic, Radovan	Université du Québec à Montréal	Chimie	Québec	CANADA	20/04/2007	5	190,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Effect of environmental stress conditions on functional and structural properties of photosystem II	
Popovich, Milica	McGill University	Electrical & Computer Engineering	Québec	CANADA	20/04/2007	5	193,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Microwave-acoustic breast tumor detection and design and analysis of wireless implants for neurophysiological research	
Popplewell, Neil	University of Manitoba	Mechanical & Manufacturing Engineering	Manitoba	CANADA	20/04/2007	5	155,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrity of electrical power and natural gas lines	
Posluszny, Usher	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolution and development of highly derived angiosperm families; vitaceae and cucurbitaceae	
Post, John	University of Calgary	Biological Sciences	Alberta	CANADA	20/04/2007	5	180,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Recruitment dynamics in fish: population consequences of trait-mediated tradeoffs and harvest	
Poulin-Dubois, Diane	Concordia University	Psychology	Québec	CANADA	20/04/2007	5	123,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Infants' object categories: principles of developmental changes	
Pouliot, Yves	Université Laval	Aliments & de nutrition, Science des	Québec	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Purification of milk peptides using integrated membrane processes	

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Powlowski, Justin	Concordia University	Chemistry and Biochemistry	Québec	CANADA	20/04/2007	5	225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Enzymology of aromatic degradation by pseudomonas cf600 and selected fungi	
Pramanik, Malabika	University of British Columbia	Mathematics	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	65,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Topics in harmonic analysis	
Prasher, Shiv	McGill University	Bioresource Engineering	Québec	CANADA	20/04/2007	5	190,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Reducing environmental pollution from veterinary pharmaceuticals in the runoff from swine farms	
Pratt, Gerhard	Queen's University	Geological Sciences and Geological Engineering	Ontario	CANADA	20/04/2007	5	252,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geophysical inverse methods for waveform data	
Prescott, Cindy	University of British Columbia	Forest Sciences Centre	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nutrient availability and late-stage decomposition	
Preuss, Kathryn	University of Guelph	Chemistry	Ontario	CANADA	20/04/2007	5	225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spin-bearing ligands for molecular materials	
Price, Stuart	McGill University	Mechanical Engineering	Québec	CANADA	20/04/2007	5	180,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fluid-structure interactions and instabilities	
Prithviraj, Balakrishnan	Nova Scotia Agricultural College	Plant and Animal Sciences	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	123,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Physiological and molecular analysis of plant-microbe interactions in the rhizosphere	
Prouzet, Eric	University of Waterloo	Chemistry	Ontario	CANADA	20/04/2007	3	84,060	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nanoceramic-based membranes for liquid and gas separation	

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Prowse, Terry	University of Victoria	Geography	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	148,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Climate change/variability and freshwater-ice systems	
Psaromiligkos, Ioannis	McGill University	Electrical & Computer Engineering	Québec	CANADA	20/04/2007	5	103,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Efficient transmission and reception methods for future wireless communications systems	
Ptito, Maurice	Université de Montréal	Optométrie, école d'	Québec	CANADA	20/04/2007	5	297,435	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Organisation anatomiques des voies visuelles chez le signe hémisphérectomisé	
Pu, Ken Qian	University of Ontario Institute of Technology	Science, Faculty of	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Managing and querying heterogenous and evolving data	
Pufahl, Peir	Acadia University	Geology	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	94,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chemical sedimentology of paleoproterozoic phosphorite and iron formation	
Purcell, David	University of Western Ontario	Communication Sciences and Disorders, School of	Ontario	CANADA	20/04/2007	5	92,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Use of auditory feedback for formant control during speech production	
Purdy, Gary	McMaster University	Materials Science and Engineering	Ontario	CANADA	20/04/2007	3	161,445	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Microstructure development in engineering materials	
Puterman, Martin	University of British Columbia	Sauder School of Business	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	252,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advances in approximate and adaptive dynamic programming	
Quadrilatero, Joe	University of Waterloo	Kinesiology	Ontario	CANADA	20/04/2007	5	159,375	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of skeletal muscle apoptotic signaling and programmed cell death	

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Quaicoe, John	Memorial University of Newfoundland	Engineering & Applied Science, Faculty of	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	118,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of control strategies and topologies for alternative energy systems	
Quastel, Jeremy	University of Toronto	Mathematics	Ontario	CANADA	20/04/2007	5	180,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stochastic particle systems and stochastic partial differential equations: Large scale behaviour	
Quideau, Sylvie	University of Alberta	Renewable Resources	Alberta	CANADA	20/04/2007	5	168,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Carbon stabilization in boreal forest soils	
Quine, Brendan	York University	Earth and Space Science and Engineering	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A miniaturised sensor for satellite attitude and orbital determination	
Quinn, Thomas	McGill University	Chemical Engineering	Québec	CANADA	20/04/2007	4	101,360	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functionalization of high-extension surfaces for cell culture	
Quintero, Jose Alejandro	École Polytechnique de Montréal	Génie informatique	Québec	CANADA	20/04/2007	5	126,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Gestion de l'itinérance des réseaux mobiles hétérogènes de prochaine génération	
Quirion, Guy	Memorial University of Newfoundland	Physics and Physical Oceanography	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	148,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigation of exotic properties of frustrated magnetic systems	
Raahemi, Bijan	University of Ottawa/ Université d'Ottawa	Management, School of	Ontario	CANADA	20/04/2007	3	45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stream Data mining in telecommunication industry with privacy preserving consideration	
Rabbat, Michael	McGill University	Electrical & Computer Engineering	Québec	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Inference and characterization of biological signaling networks	

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Radecka, Katarzyna	Concordia University	Electrical and Computer Engineering	Québec	CANADA	20/04/2007	5	135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Tools for scalable microsystems with emerging technologies	
Radji Kermani, Mehrdad	University of Western Ontario	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	117,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A new generation of safe robotic systems	
Radomsky, Adam	Concordia University	Psychology	Québec	CANADA	20/04/2007	5	94,025	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Manipulations of the emotional valence of stimuli between encoding and retrieval: implications for memory	
Radovanovic, Pavle	University of Waterloo	Chemistry	Ontario	CANADA	20/04/2007	3	109,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fundamental studies and applications of tailored multifunctional inorganic and hybrid nanosystems	
Radulescu, Matei	University of Ottawa/ Université d'Ottawa	Mechanical Engineering	Ontario	CANADA	20/04/2007	5	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evaluation of explosion hazards from pressurized hydrogen gas releases	
Rafuse, Victor	Dalhousie University	Anatomy and Neurobiology	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	205,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Characterization of the mechanisms regulating the differentiation of embryonic stem cells into functional motoneurons	
Rahim, Mohammed	University of New Brunswick	Business Administration, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrated optimization modelling in quality control, production planning, inventory control and maintenance	
Rahme, Elham	McGill University	Medicine	Québec	CANADA	20/04/2007	5	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Accounting for misclassification errors in observational studies using administrative databases	

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Rainey, Jan	Dalhousie University	Biochemistry and Molecular Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improving understanding of triple-helical collagen structure, self-assembly, and supramolecular organization	
Rainville, Pierre	Université de Montréal	Stomatologie	Québec	CANADA	20/04/2007	5	158,035	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cerebral basis for the mental representation of pain	
Raizada, Manish	University of Guelph	Plant Agriculture (Guelph)	Ontario	CANADA	20/04/2007	2	64,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular genetics of ratoon meristem regeneration in arabidopsis	
Raju, Govinda	University of Windsor	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	118,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Studies on Industrial applications of nano- dielectrics and ultra thin films	
Ramahi, Omar	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	20/04/2007	5	127,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Miniaturized electromagnetic band gap structures for wireless applications	
Ramankutty, Navin	McGill University	Geography	Québec	CANADA	20/04/2007	5	135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Observing and modeling land use change and its environmental consequences at global scales	
Ramanna, Sheela	University of Winnipeg	Applied Computer Science and Administrative Studies	Manitoba	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Granular computing approach to software requirements conflict analysis and resolution for large-scale scale systems	
Ramassamy, Charles	Institut national de la recherche scientifique	INRS-Institut Armand- Frappier	Québec	CANADA	20/04/2007	3	93,234	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Rôle du stress oxydatif dans la neurodégénérescence	

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Ramaswamy, Hosahalli	McGill University	Food Science and Agricultural Chemistry	Québec	CANADA	20/04/2007	5	195,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Innovative concepts for improved food processing	
Ramer, Matt	University of British Columbia	Zoology	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	186,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Axonal plasticity and the p75 neurotrophin receptor	
Ramunno, Lora	University of Ottawa/ Université d'Ottawa	Physics	Ontario	CANADA	20/04/2007	3	68,076	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Intense laser-matter interaction and nano- photonics: from fundamentals to devices	
Rand, Thomas	Saint Mary's University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	141,135	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Temporal and spacial gene expression pattern in mycotoxin exposed rat lungs and isolated rat lung cells	
Rangayyan, Rangaraj	University of Calgary	Electrical & Computer Engineering	Alberta	CANADA	20/04/2007	5	210,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Digital image processing techniques for the detection and quantitative analysis of diagnostic features in retinal images	
Rankin, Jeffrey	University of New Brunswick	Civil Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improving the performance of the AEC industry through the appropriate adoption and implementation of ICT	
Rao, Jonnagadda	Carleton University	Mathematics and Statistics, School of	Ontario	CANADA	20/04/2007	5	225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Inference from survey data and small area estimation	
Rasmussen, Carmen	University of Alberta	Pediatrics	Alberta	CANADA	20/04/2007	5	78,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of working memory and mathematics in young children	
Rasmussen, Henning	University of Western Ontario	Applied Mathematics	Ontario	CANADA	20/04/2007	3	36,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mathematical and computational approaches to revenue management	

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Rasmussen, Peter	University of Manitoba	Civil Engineering	Manitoba	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stochastic modeling of hydroclimatic variability	
Ray, Madhumita	University of Western Ontario	Chemical and Biochemical Engineering	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced technologies for waste treatment	
Ray, Nilanjan	University of Alberta	Computing Science	Alberta	CANADA	20/04/2007	3	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hybrid computational strategies for image segmentation and object tracking	
Raymond, Sylvain	University of Ottawa/ Université d'Ottawa	Physics	Ontario	CANADA	20/04/2007	5	93,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Boîtes quantiques auto-assemblées: une plate-forme de développement nanotechnologique	
Razavi, Fereidoon	Brock University	Physics	Ontario	CANADA	20/04/2007	5	190,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Electronic, magnetic, and superconducting properties of compounds and thin films	
Razem, Fawzi	University of Manitoba	Plant Science	Manitoba	CANADA	20/04/2007	5	148,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modulation of RNA processing by abscisic acid	
Reader, Graham	University of Windsor	Mechanical, Automotive and Materials Engineering	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Energy efficiency analysis of multi-event injections	
Reaney, Martin	University of Saskatchewan	Food and Bioproduct Sciences	Saskatchewan	CANADA	20/04/2007	3	78,030	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chemistry of conjugated lipids	
Rechnitzer, Andrew	University of British Columbia	Mathematics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Combinatorial approaches to problems in lattice statistical mechanics	

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Reed, Bruce	McGill University	Computer Science, School of	Québec	CANADA	20/04/2007	5	280,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Combinatorics of complex networks	
Reed, Michael	McGill University	Host Resistance, Centre for the Study of	Québec	CANADA	20/04/2007	5	142,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Lipid adaptations of mycobacterium tuberculosis	
Reggio, Marcelo	École Polytechnique de Montréal	Génie mécanique	Québec	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Lattice boltzmann modeling hemodynamics, ice accretion and dispersion of radioactive elements	
Reichstein, Zinovy	University of British Columbia	Mathematics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Linear algebraic groups and invariant theory	
Reid, David	University of Calgary	Biological Sciences	Alberta	CANADA	20/04/2007	5	210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Responses of roots to signals from environmentally perturbed shoots	
Reid, Mary	University of Calgary	Biological Sciences	Alberta	CANADA	20/04/2007	5	110,700	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Condition-dependent reproduction and habitat selection in bark beetles	
Reid, Matthew	University of Northern British Columbia	Physics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optimization and characterization of sources for terahertz radiation and their applications	
Reisz, Robert	University of Toronto	Ecology & Evolutionary Biology	Ontario	CANADA	20/04/2007	1	81,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Anatomy, ontogeny, and evolutionary history of terrestrial tetrapods	
Rommel, Tarmo	York University	Geography	Ontario	CANADA	20/04/2007	5	81,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multidimensional spatial patterns of vegetation recovery post disturbance	

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Resch, Kevin	University of Waterloo	Physics and Astronomy	Ontario	CANADA	20/04/2007	5	213,460	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Efficient one-way quantum computation with generalized measurements	
Reven, Linda	McGill University	Chemistry	Québec	CANADA	20/04/2007	5	347,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Solid-state NMR studies of polymers, liquid crystals and surfactants at surfaces and interfaces	
Reynolds, John	Simon Fraser University	Biological Sciences	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	216,550	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The ecology of vulnerability in fishes	
Reynolds, Peter	Dalhousie University	Earth Sciences	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	3	43,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ar-Ar geochronology: provenance and thermal history from laser ablation analysis of muscovite	
Rhazi, Jamal Eddine	Université de Sherbrooke	Génie civil	Québec	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Contrôle non destructif de l'état des ouvrages de béton par radar	
Ribeiro, Paula	McGill University	Parasitology, Institute of (Macdonald)	Québec	CANADA	20/04/2007	5	250,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neurobiology of schistosomes	
Ribes, Luis	Carleton University	Mathematics and Statistics, School of	Ontario	CANADA	20/04/2007	5	50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Profinite groups and profinite trees	
Ricciardi, Anthony	McGill University	Redpath Museum	Québec	CANADA	20/04/2007	5	120,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Predicting the impacts of species invasions in aquatic systems	
Richards, Eric	University of Prince Edward Island	Psychology	Prince Edward Island/ Île-du-Prince-Édouard	CANADA	20/04/2007	5	83,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The effects of attention on the perception of shapes and faces	

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Richards, Jeremy	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	20/04/2007	5	196,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Metallogeny of convergent margins	
Ringuette, Maurice	University of Toronto	Cell & Systems Biology	Ontario	CANADA	20/04/2007	3	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The morphoregulatory contributions of SPARC during embryonic development in drosophila and xenopus	
Rios, Cristian	University of Calgary	Mathematics and Statistics	Alberta	CANADA	20/04/2007	5	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regularity of degenerate elliptic equations and systems, and applications to evolutionary equations and monge-ampere equations	
Rise, Matthew	Memorial University of Newfoundland	Ocean Sciences Centre	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	146,015	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular basis of stress and immune responses in teleost fish	
Risk, David	St. Francis Xavier University	Earth Sciences	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Soil physical factors as limiting agents in natural soil organic matter decomposition	
Ritcey, Anna	Université Laval	Chimie	Québec	CANADA	20/04/2007	5	327,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hybrid materials: dispersion and organisation of nanoparticles in polymer matrices	
Rivest, Louis-Paul	Université Laval	Mathématiques et statistique	Québec	CANADA	20/04/2007	5	240,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistique multidimensionnelle	
Ro, Dae-Kyun	University of Calgary	Biological Sciences	Alberta	CANADA	20/04/2007	5	218,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Isoprenoid metabolism in compositae	
Robert, Jean-Marc	École de technologie supérieure	Génie logiciel et des TI	Québec	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Secure Telecommunication Infrastructures	

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Roberts, Deborah	University of British Columbia	Engineering, School of	British Columbia/ Colombie-Britannique	CANADA	11/05/2007	5	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Application of anaerobic salt-tolerant microorganisms to treatment of saline waste streams	
Robertson, Michael	Acadia University	Physics	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	112,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Physical, optical and electronic properties of semiconductor nanostructures	
Robinson Fayek, Aminah	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	20/04/2007	5	132,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fuzzy hybrid decision support systems for improving construction competitiveness	
Rochefort, Line	Université Laval	Phytologie	Québec	CANADA	20/04/2007	5	156,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bryophyte ecology in northern disturbed ecosystems	
Rocheleau, Christian	McGill University	Medicine	Québec	CANADA	20/04/2007	5	155,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analysis of endogenous small RNA pathways in <i>C. elegans</i>	
Rochette, Martin	McGill University	Electrical & Computer Engineering	Québec	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	All-optical signal processing devices based on optical nonlinearities	
Rochette, Rémy	University of New Brunswick	Biology (Saint John)	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	137,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ecology and micro-evolution of coastal marine invertebrates	
Rogers, John	Carleton University	Electronics	Ontario	CANADA	20/04/2007	5	137,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Radio frequency integrated circuits for biomedical applications	
Rogers, Robert	University of New Brunswick	Mechanical Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	2	52,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamic contact mechanics with friction	
Rokne, Jon	University of Calgary	Computer Science	Alberta	CANADA	20/04/2007	5	155,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interval analysis and computer graphics algorithms	

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Rolfsen, Dale	University of British Columbia	Mathematics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	122,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algebraic and geometric topology	
Rolland-Lagan, Anne-Gaelle	University of Ottawa/ Université d'Ottawa	Biology	Ontario	CANADA	20/04/2007	5	178,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interactions of growth and pattern formation mechanisms in plant development	
Romanuk, Tamara	Dalhousie University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	120,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Species loss in food-web networks	
Roscoe, John	Acadia University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	102,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Kinetics of Gas Phase Reactions of Atoms and Radicals	
Rose, George	Memorial University of Newfoundland	Marine Institute	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	144,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ecology of depleted fish stocks: a comparative approach	
Rosenberg, Lisa	University of Victoria	Chemistry	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthesis and structural control in organo-main group chemistry: design and application of homogeneous catalysts	
Rosenschon, Andreas	University of Alberta	Mathematical and Statistical Sciences	Alberta	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algebraic cycles and motivic cohomology	
Rosenthal, Peter	University of Toronto	Mathematics	Ontario	CANADA	20/04/2007	5	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Operators on hilbert and banach spaces	

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Roshko, Roy	University of Manitoba	Physics & Astronomy	Manitoba	CANADA	20/04/2007	5	84,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nonequilibrium phenomena in assemblies of nanoparticles, bond disordered ferromagnets, and collections of two-level subsystems: an experimental and theoretical investigation	
Ross, Bernhard	University of Toronto	Medical Biophysics	Ontario	CANADA	20/04/2007	5	130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improved characterization of human somatosensory cortex using simultaneous vibro-tactile stimulation of multiple digits	
Ross, Guy	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	20/04/2007	5	249,020	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Properties of nanostructures produced by ion implantation	
Rotermund, Harm	Dalhousie University	Physics and Atmospheric Science	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	350,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nonlinear Dynamics of Complex Surface Reactions	
Rotin, Daniela	University of Toronto	Biochemistry	Ontario	CANADA	11/05/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of the ubiquitin system in drosophila synaptogenesis	
Rouabhia, Mahmoud	Université Laval	Médecine dentaire, faculté de	Québec	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Engineering host and microorganism interactions	
Roulet, Nigel	McGill University	Geography	Québec	CANADA	20/04/2007	5	303,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Changes in peatland biogeochemistry	
Rousseau, Guy	Université de Montréal	Pharmacologie	Québec	CANADA	20/04/2007	3	73,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of adenosine A2A receptors in cytoprotection	

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Rowe, Kerry	Queen's University	Civil Engineering	Ontario	CANADA	20/04/2007	5	450,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Time-dependent performance of geo-systems	
Roweis, Sam	University of Toronto	Computer Science	Ontario	CANADA	20/04/2007	5	195,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Practical and scalable algorithms for machine learning	
Roy, Sébastien	Université de Sherbrooke	Biologie	Québec	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Study of the impact of anthropogenic stress on frankia sp., alders, and their symbiosis	
Roy, Stéphane	Université de Montréal	Stomatologie	Québec	CANADA	20/04/2007	5	130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The axolotl: a model for tissue regeneration research	
Ru, Chong-Qing	University of Alberta	Mechanical Engineering	Alberta	CANADA	20/04/2007	2	58,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Elastic models for cell mechanics	
Ruben, Peter	Simon Fraser University	Kinesiology, School of	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The price of success: biophysical costs of tetrodotoxin resistance in voltage-gated sodium channels	
Ruddick, John	University of British Columbia	Wood Science	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	74,010	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Enhancing wood durability for above ground structures	
Rudra, Ramesh Pall	University of Guelph	Engineering, School of	Ontario	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanics and modelling of hydrological processes for nonpoint source pollution management	
Ruhe, Guenther	University of Calgary	Computer Science	Alberta	CANADA	20/04/2007	5	135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Planning and re-planning of software product releases	

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Rush, James	University of Waterloo	Kinesiology	Ontario	CANADA	20/04/2007	5	128,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Thiol regulation of vascular function and phenotype	
Rushen, Jeffrey	University of British Columbia	Land and Food Systems, Faculty of	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	122,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	How do cattle cope with social competition?	
Russell, Robert	Simon Fraser University	Mathematics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	390,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Adaptive solution of differential equations	
Russello, Michael	University of British Columbia	Irving K Barber School of Arts & Sciences	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	96,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Exploring the genetic basis of adaptation within a conservation context	
Russo, Frank	Ryerson University	Psychology	Ontario	CANADA	20/04/2007	5	102,590	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multi-dimensional and multi-modal integration in perception of vocal music	
Rutherford, Barbara	University of British Columbia	Unit 4 - Psychology & Computer Science (Okanagan)	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	78,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interhemispheric interaction and reading	
Ruwanpura, Janaka	University of Calgary	Civil Engineering	Alberta	CANADA	20/04/2007	5	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Project management (pm) models and practices to improve and manage sustainability of building construction projects	
Rvachew, Susan	McGill University	Communication Sciences & Disorders, School of	Québec	CANADA	20/04/2007	5	83,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Impact of the auditory environment on early vocal development	
Ryan, Aimee	McGill University	Pediatrics	Québec	CANADA	13/06/2007	2	52,340	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of claudin expression in chick embryos	

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Ryan, Daniel	University of Prince Edward Island	Mathematics & Statistics	Prince Edward Island/ Île-du-Prince- Édouard	CANADA	20/04/2007	5	55,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of applied statistical techniques for the environmental and life sciences	
Ryan, James	Carleton University	Systems and Computer Engineering	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Binaural signal processing	
Ryan, Jennifer	University of Toronto	Psychology	Ontario	CANADA	20/04/2007	5	123,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The influence of memory on perception	
Saad, Mohamad	Université du Québec en Abitibi-Témiscamingue	Sciences appliquées	Québec	CANADA	20/04/2007	5	82,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Commande non linéaire et identification d'un robot à deux bras flexibles	
Sabarinathan, Jayshri	University of Western Ontario	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	103,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Photonic crystal devices for integrated nano sensors & optical computing applications	
Sachdev, Manoj	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	20/04/2007	5	207,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Architectures, circuits for ultra low voltage, low power, robust SRAMs	
Sacher, Edward	École Polytechnique de Montréal	Génie physique	Québec	CANADA	20/04/2007	3	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The alloying and structure of high magnetic coercivity bimetallic nanoparticles for data storage applications	
Sack, Fred David	University of British Columbia	Botany	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	298,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cell and molecular biology of stomatal development	
Saeedi, Parvaneh-Akhtar	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie- Britannique	CANADA	13/06/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Adaptive vision system/3D map reconstruction	

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Sage, Rowan	University of Toronto	Ecology & Evolutionary Biology	Ontario	CANADA	20/04/2007	5	450,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interactive effects of temperature and CO2 level on C3 and C4 plants	
Saif, Mehrdad	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	205,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Automated health monitoring and fault diagnosis in complex dynamical systems-- theory and applications	
Saika-Voivod, Ivan	Memorial University of Newfoundland	Physics and Physical Oceanography	Newfoundland and Labrador/ Terre- Neuve-et-Labrador	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nucleation and glassy dynamics in supercooled liquids	
Sain, Mohini	University of Toronto	Forestry, Faculty of	Ontario	CANADA	20/04/2007	5	160,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Novel energy efficient production of micro-and nano-cellulosic fibres and understanding their coalescence and dispersion mechanism	
Salcudean, Martha	University of British Columbia	Mechanical Engineering	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	190,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modelling of multiphase industrial processes	
Salem, Kenneth	University of Waterloo	Computer Science, School of	Ontario	CANADA	20/04/2007	5	195,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Database management in utility data centers	
Salesse, Christian	Université Laval	Oto-rhino- laryngologie/ophtalmologi e	Québec	CANADA	20/04/2007	5	425,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Implication de diverses protéines dans la fonction et la relation entre les photorécepteurs visuels et l'épithélium pigmentaire rétinien	
Salmon, John	University of Alberta	Electrical & Computer Engineering	Alberta	CANADA	20/04/2007	5	137,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Power electronics for motor drive systems, utility rectifiers, & alternative energy systems	

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Samarabandu, Jagath	University of Western Ontario	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Goal driven visual object identification and tracking system for a heterogeneous sensor network	
Samavati, Famararz	University of Calgary	Computer Science	Alberta	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Intuitive interfaced for geometric modelling	
Sammis, Glenn	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	99,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New methods for the efficient syntheses of complex natural products	
Sampalli, Srinivas	Dalhousie University	Computer Science, Faculty of	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Security and resource management in heterogeneous wireless networks	
Samson, Claire	Carleton University	Earth Sciences	Ontario	CANADA	20/04/2007	5	87,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New applications of imaging, electrical and magnetic sensors in earth sciences and engineering	
Samson, Guy	Université du Québec à Trois-Rivières	Chimie-biologie	Québec	CANADA	20/04/2007	2	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Importance of the antioxidant capacity of phenolic metabolites in plant resistance against oxidative stress	
Samson, John	University of Alberta	Physics	Alberta	CANADA	20/04/2007	1	41,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Energy transport in the auroral ionosphere and magnetosphere	
Sanctuary, Bryan	McGill University	Chemistry	Québec	CANADA	20/04/2007	1	28,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spin theory and quantum mechanics	
Sanders, David	University of Saskatchewan	Chemistry	Saskatchewan	CANADA	20/04/2007	3	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure/function studies of novel enzymes and enzyme complexes	

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Sanderson, Joseph	University of Waterloo	Physics and Astronomy	Ontario	CANADA	20/04/2007	5	203,460	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ultrafast laser molecule interaction, control and imaging of molecules with femtosecond laser pulses	
Sanso, Brunilde	École Polytechnique de Montréal	Génie électrique	Québec	CANADA	20/04/2007	5	146,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Reliability, design and performance of telecommunication networks	
Santamaria, Pere	University of Calgary	Microbiology & Infectious Diseases	Alberta	CANADA	20/04/2007	5	325,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanisms underlying the antigenic promiscuity of a pathogenic autoreactive CD8+T-cell specificity	
Santoprete, Manuele	Wilfrid Laurier University	Mathematics	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mathematical and numerical methods in celestial mechanics	
Saprykina, Maria	Queen's University	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Topics in hamiltonian and dissipative dynamics	
Sargent, Edward (Ted)	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	193,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Solution-processed optoelectronic devices: investigating and controlling materials parameters for enhanced performance	
Saridakis, Vivian	York University	Biology	Ontario	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structural and biochemical analysis of yeast ubiquitin-specific protease 15	
Sarshar, Nima	University of Regina	Engineering, Faculty of	Saskatchewan	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multimedia coding and communication for network applications	
Sartipi, Kamran	McMaster University	Computing and Software	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mined-knowledge driven software quality monitoring and diagnosis environment	

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Sarunic, Marinko	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional endoscopic fournier domain optical coherence tomography and nano-optical systems for integrated biomedical microscopy	
Saucier, Linda	Université Laval	Sciences animales	Québec	CANADA	20/04/2007	5	170,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Efficacy of antimicrobial systems used in foods; understanding the stress- proteins pathways	
Saunders, David	University of Waterloo	Statistics and Actuarial Science	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stochastic optimization in mathematical finance	
Savage, Alistair	University of Ottawa/ Université d'Ottawa	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geometric methods in representation theory	
Sawada, Joe	University of Guelph	Computing and Information Science	Ontario	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fast combinatorial and graph algorithms	
Sawan, Mohamad	École Polytechnique de Montréal	Génie électrique	Québec	CANADA	20/04/2007	5	284,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Medical microsystems dedicated for wireless sensing	
Sawatzky, Bonita	University of British Columbia	Orthopaedics	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Wheelchair vibration: origin, implications and reduction for manual wheelchairs	
Sawicki, Marcin	Saint Mary's University	Astronomy and Physics	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	3	89,367	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Luminosity-dependent studies of high-redshift galaxies	
Scanlon, Martin	University of Manitoba	Food Science	Manitoba	CANADA	20/04/2007	5	310,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigating indentation as a means of evaluating the constitutive properties of biological materials	

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Schafer, Laurel	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	245,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Early transition metal and lanthanide amidate complexes: modular, easily accessed complexes for catalysis	
Scheibling, Robert	Dalhousie University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	264,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Species invasion and the ecology of rocky subtidal communities	
Schellenberg, Antony	University of Calgary	Electrical & Computer Engineering	Alberta	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Research into power system optimization	
Schellenberg, Glenn	University of Toronto	Psychology (Erindale College)	Ontario	CANADA	20/04/2007	5	153,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cognition and music: a developmental perspective	
Schiavone, Peter	University of Alberta	Mechanical Engineering	Alberta	CANADA	20/04/2007	5	145,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fundamental studies of the modeling and analysis of the mechanical behaviour of advanced materials	
Schindler, David	University of Alberta	Biological Sciences	Alberta	CANADA	20/04/2007	5	336,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The assessment and restoration of biological communities and biogeochemical processes in alpine and northern boreal lakes affected by human activities	
Schlegel, Christian	University of Alberta	Electrical & Computer Engineering	Alberta	CANADA	20/04/2007	5	139,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Wireless packet and ad hoc networking	
Schleich, Kristin	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	2	68,404	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Topology and dynamics in classical and quantum gravity	

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Schmidt, Margaret	Simon Fraser University	Geography	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	80,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Effects of deciduous trees and shrubs on soils and nutrient dynamics in conifer forests	
Schneider, David	Memorial University of Newfoundland	Ocean Sciences Centre	Newfoundland and Labrador/ Terre- Neuve-et-Labrador	CANADA	20/04/2007	5	180,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applied scaling theory	
Schneider, Kevin	University of Saskatchewan	Computer Science	Saskatchewan	CANADA	20/04/2007	5	135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Collaborative software evolution	
Schober, Robert	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	207,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High data rate communication for future wireless systems	
Schoen, Daniel	McGill University	Biology	Québec	CANADA	20/04/2007	5	303,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The evolution of genetic systems	
Schoenau, Jeff	University of Saskatchewan	Soil Science	Saskatchewan	CANADA	20/04/2007	5	90,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Phosphorus forms and cycling in conservation cropping systems of the Canadian prairies	
Schost, Eric	University of Western Ontario	Computer Science	Ontario	CANADA	20/04/2007	3	66,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computer algebra: from fundamental algorithms to geometric problems	
Schötzau, Dominik	University of British Columbia	Mathematics	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Discontinuous galerkin methods for flow and electro-magnetic problems	
Schreckenbach, Georg	University of Manitoba	Chemistry	Manitoba	CANADA	20/04/2007	5	160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Expanding the range of computational quantum chemistry: actinide molecular science and solid-state chemistry	

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Schulte, Patricia	University of British Columbia	Zoology	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	244,120	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Environmental regulation of gene expression: impact of local adaptation	
Schultz, Elizabeth	University of Lethbridge	Biological Sciences	Alberta	CANADA	20/04/2007	5	210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The molecular mechanism of vien patterning	
Schuurmans, Carol	University of Calgary	Biochemistry and Molecular Biology	Alberta	CANADA	20/04/2007	5	165,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Comparative analysis of structural and genetic homology in the vertebrate telencephalon	
Scott, Ian	University of Toronto	Medical Genetics and Microbiology	Ontario	CANADA	20/04/2007	5	130,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Genetic analysis of the sushi domain protein Ccdc80 ub zebrafish heart development	
Scott, Marilyn	McGill University	Parasitology, Institute of (Macdonald)	Québec	CANADA	20/04/2007	5	224,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Host-parasite population dynamics in experimental arenas	
Seaquist, Ernest	University of Toronto	Astronomy and Astrophysics	Ontario	CANADA	20/04/2007	3	126,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The Interstellar Gas in Star Forming Regions	
Sears, Christopher	University of Calgary	Psychology	Alberta	CANADA	20/04/2007	5	109,025	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Activation and competition in visual word identification	
Sedaghat, Reza	Ryerson University	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	81,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamic delay fault testing of high-performance digital circuit in deep submicron technology	
Sedov, Alexander	Lakehead University	Mechanical Engineering	Ontario	CANADA	20/04/2007	5	50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multi-modal ultrasonic nondestructive evaluation with phased arrays	

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Seethaler, Rudolf	University of British Columbia	Applied Science, Faculty of	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	92,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Electronically controlled variable valve actuation devices for internal combustion engines	
Sekuler, Allison	McMaster University	Psychology, Neuroscience & Behaviour	Ontario	CANADA	20/04/2007	5	223,335	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Perceptual organization and object recognition	
Selouani, Sid-Ahmed	Université de Moncton	Campus de Shippagan	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	76,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Reconnaissance distribuée et robuste de la parole optimisée par une approche évolutionniste et intégrant un dialogue coopératif	
Sendov, Hristo	University of Western Ontario	Statistical and Actuarial Sciences	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Matrix analysis and nonsmooth optimization	
Senechal, Monique	Carleton University	Psychology	Ontario	CANADA	20/04/2007	5	78,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Morphological knowledge and spelling acquisition	
Servati, Peyman	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	142,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Morphologically engineered silicon nanowire devices	
Service, Elisabet	Université de Montréal	Psychologie	Québec	CANADA	20/04/2007	5	78,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Phonological short-term memory and language learning in different populations	
Seshadri, Rangaswamy	Memorial University of Newfoundland	Engineering & Applied Science, Faculty of	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	155,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Robust limit load determination using variational principles in plasticity	
Seth, Rajesh	University of Windsor	Civil and Environmental Engineering	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Effect of DOC on contaminant fate and transport during the municipal sewage treatment process	

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Shah, Sirish Lalji	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	20/04/2007	5	207,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Limits of control performance: a model-based approach	
Shahrrava, Behnam	University of Windsor	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Turbo synchronization for group-blind multiuser detection	
Shalaby, Ahmed	University of Manitoba	Civil Engineering	Manitoba	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advancing the characterization of pavement materials to improve the resistance to moisture damage	
Shalaby, Nabil	Memorial University of Newfoundland	Mathematics and Statistics	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Skolem-Langford type sequences and packing designs	
Shami, Abdallah	University of Western Ontario	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	114,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hybrid next generation access networks	
Shan, Jinjun	York University	Earth and Space Science and Engineering	Ontario	CANADA	20/04/2007	5	92,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Active vibration control of flexible spacecraft using modified input shaping and adaptive positive position feedback	
Shannon, Lesley	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Simplifying the creation and programming of application-specific architectures	
Sharpe, Simon	University of Toronto	Biochemistry	Ontario	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Oligomeric structure and membrane disruption by an amyloid peptide from the mammalian prion protein	
Shaw, Cliff	University of New Brunswick	Geology	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	145,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Experimental studies of texture development in igneous rocks	

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Shayan, Yousef	Concordia University	Electrical and Computer Engineering	Québec	CANADA	20/04/2007	5	99,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Towards reliable and high data-rate wireless communication systems	
Shechter, Steven	University of British Columbia	Sauder School of Business	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nonhomogeneous Markov decision processes in medical decision making	
Shedden, Judith	McMaster University	Psychology, Neuroscience & Behaviour	Ontario	CANADA	20/04/2007	5	80,225	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Visual attention, memory, and performance across space and time	
Sheel, William	University of British Columbia	Human Kinetics, School of	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	115,840	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Respiratory and neurovascular adaptation to physiological stress	
Sheffer, Alla	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Digital geometry processing tools	
Sheng, Jinyu	Dalhousie University	Oceanography	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	105,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Variability of circulation and hydrodynamic connectivity over the eastern Canadian shelf	
Shepherd, Bruce	McGill University	Mathematics and Statistics	Québec	CANADA	20/04/2007	3	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algorithms, graphs and polyhedra	
Shepherd, Jeffrey	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Chemistry and Biochemistry	Ontario	CANADA	20/04/2007	3	70,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Engineering defects in SAMs of alkylthiols for improved biosensing strategies	
Sherry, David	University of Western Ontario	Psychology	Ontario	CANADA	20/04/2007	1	45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neurogenesis, timing, and spatial orientation	
Shi, An-Chang	McMaster University	Physics and Astronomy	Ontario	CANADA	20/04/2007	5	197,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Studies of self-assembly in soft materials	

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Shi, Yujun	University of Calgary	Chemistry	Alberta	CANADA	20/04/2007	2	83,872	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structures, kinetics, and energetics of reactive intermediates in hot-wire chemical vapor deposition of Si-containing films	
Shin, Jumi	University of Toronto	Chemistry	Ontario	CANADA	20/04/2007	5	126,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Minimalist proteins: expanding the molecular design toolbox	
Shinozaki, Douglas	University of Western Ontario	Mechanical and Materials Engineering	Ontario	CANADA	20/04/2007	5	146,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanics of polymer nanostructures	
Shiri-Varnaamkhaasti, Nematollaah	Concordia University	Computer Science and Software Engineering	Québec	CANADA	20/04/2007	3	48,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Towards advanced data management systems	
Shirvani, Maziar	University of Alberta	Mathematical and Statistical Sciences	Alberta	CANADA	20/04/2007	5	50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Subgroups of simple rings/theory of coagulation	
Short, Ian	Saint Mary's University	Astronomy and Physics	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	110,330	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Atmosphere and spectrum modelling of cool stars	
Shorthouse, Joseph	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Biology	Ontario	CANADA	20/04/2007	5	72,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biology of insect galls, ecology of inhabitants, gall anatomy and development	
Shoukri, Mamdouh	McMaster University	Mechanical Engineering	Ontario	CANADA	20/04/2007	5	160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Research in multi-phase flow and heat transfer	
Shrimpton, Mark	University of Northern British Columbia	Biology	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	142,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Environmental and genetic factors affecting physiological performance in salmonids	

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Shrive, Nigel	University of Calgary	Civil Engineering	Alberta	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Strength and long-term behaviour of masonry structures	
Siakaluk, Paul	University of Northern British Columbia	Psychology	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	78,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The influence of sensorimotor information in memory and visual word recognition	
Sica, Francesco	Mount Allison University	Mathematics and Computer Science	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Elliptic curve cryptography - implementation and security issues	
Sicard, Pierre	Université du Québec à Trois-Rivières	Électrique et génie informatique, Dépt. de génie	Québec	CANADA	20/04/2007	5	113,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Control and disturbance rejection in multi-motor and multi-mass systems using energy based methods	
Siciliano, Steven	University of Saskatchewan	Soil Science	Saskatchewan	CANADA	20/04/2007	5	120,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Contaminant transformation and toxicity in terrestrial arctic ecosystems	
Sigal, Israel	University of Toronto	Mathematics	Ontario	CANADA	20/04/2007	5	285,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mathematical studies in quantum dynamics	
Silins, Uldis	University of Alberta	Renewable Resources	Alberta	CANADA	20/04/2007	5	95,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Critical junctures in eco-hydrologic control of forest water balance	
Silva, Marina	University of Prince Edward Island	Biology	Prince Edward Island/ Île-du-Prince-Édouard	CANADA	20/04/2007	5	72,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A multiscale analysis of ecological traits of avian and mammalian communities	
Simard, Martin	Université Laval	Biologie médicale	Québec	CANADA	20/04/2007	5	130,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Comparative analysis of the RNAi and the microRNA pathways in C. elegans	

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Simard, Stéphan	Université du Québec à Rimouski	Biologie, chimie et sciences de la santé	Québec	CANADA	20/04/2007	5	135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Étude des interfaces métal/solution : processus et inhibition de la corrosion des métaux de transition	
Siminovitch, David	University of Lethbridge	Physics	Alberta	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Solid-State NMR: Theory, Practice and Biological Applications	
Simmons, John	McMaster University	Engineering Physics	Ontario	CANADA	20/04/2007	2	54,460	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fabrication and analyses of intermixing in InGaAs/InGaAsP and InGaAsP/InP quantum well and their use in intermixed quantum-well lasers and integrated laser-modulator structures	
Simon, Leonardo	University of Waterloo	Chemical Engineering	Ontario	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced polymer materials	
Simonson, Carey	University of Saskatchewan	Mechanical Engineering	Saskatchewan	CANADA	20/04/2007	5	137,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Moisture transfer in hygroscopic materials and energy exchangers for buildings	
Simpson, Benjamin	McGill University	Food Science and Agricultural Chemistry	Québec	CANADA	20/04/2007	5	240,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Postmortem biochemistry of marine animals - digestive enzymes and transglutaminases	
Simpson, Trefford	University of Waterloo	Optometry, School of	Ontario	CANADA	20/04/2007	5	78,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ocular surface sensory processing	
Sinclair, Brent	University of Western Ontario	Biology	Ontario	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Low temperature biology of insects	

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Sinclair, Chadwick	University of British Columbia	Materials Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	152,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Controlling properties via microstructural lengthscales at surfaces and in bulk materials	
Singer, Murray	University of Manitoba	Psychology	Manitoba	CANADA	20/04/2007	5	158,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cognitive mechanisms of language comprehension and memory for text	
Singh, Anand	University of Western Ontario	Mechanical and Materials Engineering	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nonlinear vibrations of shell structures	
Singh, Jaswant	University of Saskatchewan	Veterinary Biomedical Sciences	Saskatchewan	CANADA	20/04/2007	5	184,670	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanisms affecting oocyte competence in the bovine model: effect of follicular and maternal aging	
Singh, Kripa Shankar	University of New Brunswick	Civil Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Characterization and post-treatment of anaerobic bioreactor effluent treating biodegradable wastewaters	
Singh, Radhey	University of Guelph	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Monotone empirical bayes, non/semiparametric methods for nonlinear/hazards/censored regression and functional estimation	
Singh, Rama	McMaster University	Biology	Ontario	CANADA	20/04/2007	5	336,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sex and speciation: molecular evolution of sexual dimorphism and mechanisms of speciation	
Sirois, Joel	Université de Sherbrooke	Génie chimique	Québec	CANADA	20/04/2007	3	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Systemic and integrated study of plant cells metabolism for optimization of therapeutic molecules production	

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Sirois, Luc	Université du Québec à Rimouski	Biologie, chimie et sciences de la santé	Québec	CANADA	20/04/2007	5	120,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Réponse des arbres et des forêts à l'interactions climat-perturbation	
Sirois, Pascal	Université du Québec à Chicoutimi	Sciences fondamentales	Québec	CANADA	20/04/2007	2	28,880	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Contrôle biotique et abiotique du recrutement des poissons de la zone boréale	
Sivaloganathan, Sivabal	University of Waterloo	Applied Mathematics	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applications of mathematics in medicine	
Sivathayalan, Siva	Carleton University	Civil and Environmental Engineering	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Response of soils under generalised loading and drainage conditions	
Sjerve, Denis	University of British Columbia	Mathematics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Group actions on low dimensional manifolds configuration spaces	
Slade, Gordon	University of British Columbia	Mathematics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	255,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The critical behaviour of random systems	
Slater, Gary	University of Ottawa/ Université d'Ottawa	Physics	Ontario	CANADA	20/04/2007	5	338,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical mechanics with applications in micro- and nano-fluidics and in biological physics	
Slawinski, Michael	Memorial University of Newfoundland	Earth Sciences	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	72,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Inverse problems in seismic ray theory: travelttime and polarization inverse	
Sleep, Brent	University of Toronto	Civil Engineering	Ontario	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Thermal remediation of multicomponent NAPL contamination in highly heterogeneous subsurface systems	

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Slonim, Jacob	Dalhousie University	Computer Science, Faculty of	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Detection of privacy infractions in software applications: a framework and methodology	
Smid, Michiel	Carleton University	Computer Science, School of	Ontario	CANADA	20/04/2007	5	185,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optimization problems in computational geometry	
Smith, Frank	Dalhousie University	Anatomy and Neurobiology	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	3	54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The goldfish swimbladder: a model for investigating mechanisms of buoyancy regulation in physostome fishes	
Smith, Ralph	University of Waterloo	Biology	Ontario	CANADA	20/04/2007	5	173,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Primary production processes in the Laurentian great lakes	
Smith, Robert	University of Ottawa/ Université d'Ottawa	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modelling adherence to HIV therapy	
Smith, Stephen	University of Winnipeg	Psychology	Manitoba	CANADA	20/04/2007	5	102,435	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The emotional modulation of attention by conditioned stimuli: cognitive and neural mechanisms	
Smyth, William	McMaster University	Computing and Software	Ontario	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improved algorithms on strings	
Snelgrove, Kenneth	Memorial University of Newfoundland	Engineering & Applied Science, Faculty of	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Representative boundaries for hydrologic modelling	
Snelgrove, Paul	Memorial University of Newfoundland	Ocean Sciences Centre	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	105,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A scientific basis for conservation of marine biodiversity	

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Soleymani, Mohammad	Concordia University	Electrical and Computer Engineering	Québec	CANADA	20/04/2007	5	116,325	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Efficient information transmission in large wireless networks	
Somayaji, Anil	Carleton University	Computer Science, School of	Ontario	CANADA	20/04/2007	2	39,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improving security through lightweight learned models	
Song, Yuyue	Memorial University of Newfoundland	Business Administration, Faculty of	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design and performance analysis of dynamic supply chain contracts	
Songmene, Victor	École de technologie supérieure	Génie mécanique	Québec	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Usinage propre et concurrentiel des métaux et des composites	
Sorensen, Erik	McMaster University	Physics and Astronomy	Ontario	CANADA	20/04/2007	5	205,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational approaches to quantum materials	
Sorensen, John	University of Manitoba	Chemistry	Manitoba	CANADA	20/04/2007	3	76,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The biosynthesis of tetramic acids	
Soumis, François	École Polytechnique de Montréal	Mathématiques et génie industriel	Québec	CANADA	20/04/2007	5	325,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Méthode d'optimisation pour les problèmes d'horaires de véhicules et de personnel de très grande taille	
Sousa, Elvino	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	108,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Autonomous infrastructure CDMA wireless networks	
Southam, Gordon	University of Western Ontario	Earth Sciences	Ontario	CANADA	20/04/2007	5	205,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bacterial mineral interactions	
Spalding, Thomas	University of Alberta	Psychology	Alberta	CANADA	20/04/2007	2	30,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Judgements and memory	

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Spence, Allan	McMaster University	Mechanical Engineering	Ontario	CANADA	20/04/2007	3	58,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Point cloud based design and manufacturing	
Spencer, Andrew	Malaspina University-College	Biology	British Columbia/Colombie-Britannique	CANADA	20/04/2007	3	103,140	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Differentiation of excitable cells and their evolution: role of potassium currents in regulating the electrical phenotype	
Spiewak, Swavik	University of Calgary	Mechanical & Manufacturing Engineering	Alberta	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ultra precision modeling and identification of MST based inertial sensors	
Spindler, Rebecca	University of Toronto	Life Sciences - Scarborough	Ontario	CANADA	20/04/2007	5	114,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigation of natural processes regulating gamete interactions and embryo development	
Spivak, Gregory	Lakehead University	Chemistry	Ontario	CANADA	20/04/2007	5	140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthesis and applications of Ruthenium Carbynes	
Sprung, Donald	McMaster University	Physics and Astronomy	Ontario	CANADA	20/04/2007	5	70,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theoretical studies of nanoscopic systems	
Squires, Eli James	University of Guelph	Animal and Poultry Science	Ontario	CANADA	20/04/2007	5	204,960	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nuclear receptors and the integrative metabolism of boar taint compounds	
Srayko, Martin	University of Alberta	Biological Sciences	Alberta	CANADA	20/04/2007	5	180,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A genetic approach to discover novel regulators of microtubule behaviour	
Srinivasan, Venkatesh	University of Victoria	Computer Science	British Columbia/Colombie-Britannique	CANADA	20/04/2007	5	102,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Randomness and complexity	

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St. Lawrence, Keith	University of Western Ontario	Medical Biophysics	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Measuring cerebral oxidative metabolism by combining optical and magnetic resonance imaging methods	
Stacey, Norm	University of Alberta	Biological Sciences	Alberta	CANADA	20/04/2007	4	175,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sex pheromone functions in fish: intraspecific and interspecific aspects	
Stachel, Thomas	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	20/04/2007	5	210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Diamond formation in the earth's mantle	
Stacho, Ladislav	Simon Fraser University	Mathematics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Combinatorial algorithms in bioinformatics and communications networks	
Stadnik, Zbigniew	University of Ottawa/ Université d'Ottawa	Physics	Ontario	CANADA	20/04/2007	5	195,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Physics of quasicrystals and related alloys	
Staenz, Karl	University of Lethbridge	Geography	Alberta	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Extraction of fractional cover from spaceborne hyperspectral data for rangeland monitoring	
Stafford, James	University of Alberta	Biological Sciences	Alberta	CANADA	20/04/2007	5	131,375	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Characterization of immune receptors in fish	
Staines, Richard	University of Waterloo	Kinesiology	Ontario	CANADA	20/04/2007	5	152,625	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multimodal sensory modulation and human motor control	
Stamp, Philip	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	295,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Large-scale quantum phenomena in spin systems	

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Stapells, David	University of British Columbia	Audiology and Speech Sciences, School of	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	152,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Studies of the electrophysiology of human hearing	
Stark, Ken	University of Waterloo	Kinesiology	Ontario	CANADA	20/04/2007	5	136,255	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Gender and fatty acid metabolism	
Staroverov, Viktor	University of Western Ontario	Chemistry	Ontario	CANADA	20/04/2007	3	94,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New computational methods for chemistry and materials research	
Starr, Richard Julian	University of Ottawa/ Université d'Ottawa	Biology	Ontario	CANADA	20/04/2007	5	128,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Systematics of cyperaceae	
Stashuk, Daniel	University of Waterloo	Systems Design Engineering	Ontario	CANADA	20/04/2007	5	118,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Decision support for clinical neurophysiology	
Steel, Colin	York University	Biology	Ontario	CANADA	20/04/2007	5	228,975	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Roles of circadian clocks in regulation of the endocrine system in an insect	
Steele, Russell	McGill University	Mathematics and Statistics	Québec	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computationally intensive approaches to missing data	
Steer, Ronald	University of Saskatchewan	Chemistry	Saskatchewan	CANADA	20/04/2007	5	500,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Photochemistry, photophysics and spectroscopy of polyatomic molecules	
Steeves, Jennifer	York University	Psychology (Atkinson College)	Ontario	CANADA	20/04/2007	5	78,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Behavioural and neuroimaging studies of face processing	
Steffan, Gregory	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Parallelization and customization for multiple-core processors	

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Stein, Markus	University of Alberta	Medical Microbiology and Immunology	Alberta	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analysis of the macromolecular structure of the type IV secretion system of helicobacter pylori	
Steinbach, Martin	York University	Psychology (Atkinson College)	Ontario	CANADA	20/04/2007	5	128,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Human ocular motor control	
Steinberg, Benjamin	Carleton University	Mathematics and Statistics, School of	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Automata in semigroup theory, group theory and analysis	
Steiner, Stefan	University of Waterloo	Statistics and Actuarial Science	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical engineering	
Steinman, David	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	20/04/2007	5	140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Virtual medical imaging	
Stell, William	University of Calgary	Cell Biology and Anatomy	Alberta	CANADA	20/04/2007	5	152,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Retinal cicuitry, visual function, and control of eye growth	
Stephen, Tamon	Simon Fraser University	Mathematics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algorithms for combinatorial optimization	
Stephens, David	McGill University	Mathematics and Statistics	Québec	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bayasian statistics and computation: applications in finance and biology	
Stephenson, Richard	University of Toronto	Cell & Systems Biology	Ontario	CANADA	20/04/2007	5	147,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Physiological effects of chronic sleep restriction	

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Sterenber, Brian	University of Regina	Chemistry and Biochemistry	Saskatchewan	CANADA	20/04/2007	3	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Inorganometallic chemistry: transformations of phosphorus ligands in transition metal complexes	
Stetefeld, Jörg	University of Manitoba	Chemistry	Manitoba	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Insight into signaling linked to catalytic turnover (GSAM) and understanding of protein stability and storage properties (RHCC)	
Stevens, Brett	Carleton University	Mathematics and Statistics, School of	Ontario	CANADA	20/04/2007	5	108,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Designs, orderings and their applications	
Stevenson, Suzanne	University of Toronto	Computer Science	Ontario	CANADA	20/04/2007	5	160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Automatic acquisition and use of lexical semantic information	
Stewart, Bryan	University of Toronto	Biology (Erindale)	Ontario	CANADA	20/04/2007	5	219,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Genetic analysis of neural- synaptobrevin function	
St-Hilaire, Marc	Carleton University	Information Technology, School of	Ontario	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Méthodes et outils de planification des réseaux mobiles de prochaines générations	
Stilling, Denise	University of Regina	Engineering, Faculty of	Saskatchewan	CANADA	20/04/2007	5	92,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	2006 applications in vibration analysis	
St-Louis, Nicole	Université de Montréal	Physique	Québec	CANADA	20/04/2007	5	182,045	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Measuring magnetic fields and rotation rates of wolf- rayet stars	

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St-Maurice, Jean-Pierre	University of Saskatchewan	Physics and Engineering Physics	Saskatchewan	CANADA	20/04/2007	5	430,285	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A study of physical mechanisms involved in the coupling between the ionosphere, the magnetosphere, and the thermosphere: an ionospheric perspective	
Stockey, Ruth	University of Alberta	Biological Sciences	Alberta	CANADA	20/04/2007	5	240,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cretaceous and paleogene vegetation of western Canada: organismal and floristic evolution	
Stodilka, Robert	University of Western Ontario	Medical Biophysics	Ontario	CANADA	20/04/2007	3	45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of SPECT for in vivo 3D cell tracking	
Stone, Sophia	Dalhousie University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	193,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Protein ubiquitination and plant development	
Storey, Anne	Memorial University of Newfoundland	Psychology (St. John's)	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	148,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Parental care decisions in mammals and birds	
Storey, Douglas	University of Calgary	Biological Sciences	Alberta	CANADA	20/04/2007	5	155,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Global regulatory systems in pseudomonas aeruginosa	
Storjohann, Arne	University of Waterloo	Computer Science, School of	Ontario	CANADA	20/04/2007	5	145,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Exact linear algebra: nearly optimal algorithms for nonuniform problems	
Straatman, Anthony	University of Western Ontario	Mechanical and Materials Engineering	Ontario	CANADA	20/04/2007	5	122,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Exploration of convective heat transfer and non-stationary turbulence	
Strack, Maria	University of Calgary	Geography	Alberta	CANADA	20/04/2007	5	81,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Assessing spatio-temporal variability in peat hydrophysical properties	

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Stradiotto, Mark	Dalhousie University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	260,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Late transition metal complexes for bond activation and catalysis	
Straub, David	McGill University	Atmospheric and Oceanic Sciences	Québec	CANADA	20/04/2007	5	115,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Energetics of ocean circulation models	
Straus, Suzana	University of British Columbia	Chemistry	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	222,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure of Membrane Peptides and Proteins by Solid State NMR	
Strickland, Donna	University of Waterloo	Physics and Astronomy	Ontario	CANADA	20/04/2007	5	153,460	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High intensity laser- matter interactions	
Stuerzlinger, Wolfgang	York University	Computer Science and Engineering	Ontario	CANADA	20/04/2007	5	140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Enhanced software tools for early 3D design process	
Stull, Roland	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	190,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Wide multiscale weather prediction research for complex terrain	
Sudak, Leszek	University of Calgary	Mechanical & Manufacturing Engineering	Alberta	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mathematical formulation and analysis of advanced materials	
Suen, Ching	Concordia University	Computer Science and Software Engineering	Québec	CANADA	20/04/2007	5	290,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Error reduction in handwriting recognition	
Sullivan, Paul	University of Western Ontario	Applied Mathematics	Ontario	CANADA	20/04/2007	4	52,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Environmental diffusion	
Sun, Hong Jin	McMaster University	Psychology, Neuroscience & Behaviour	Ontario	CANADA	20/04/2007	5	113,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Visual and non-visual processing in spatial perception and spatial navigation	

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Sundarraj, Rangaraja	University of Waterloo	Management Sciences	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Learning and reaction algorithms for certain decision functions used in electronic negotiation	
Surprenant, Aimee	Memorial University of Newfoundland	Psychology (St. John's)	Newfoundland and Labrador/ Terre- Neuve-et-Labrador	CANADA	20/04/2007	5	128,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Effects of perceptually- based noise and distortion on memory in older adults	
Sutherland, Robert	University of Lethbridge	Psychology and Neuroscience	Alberta	CANADA	20/04/2007	5	338,335	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Episodic-like memory and the rat hippocampus	
Sutton, Mark	McGill University	Physics	Québec	CANADA	20/04/2007	5	392,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamics of condensed matter systems	
Swaddle, Thomas	University of Calgary	Chemistry	Alberta	CANADA	20/04/2007	2	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Inorganic reaction mechanisms in solution	
Swain, Peter	McGill University	Physiology	Québec	CANADA	20/04/2007	5	215,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Information processing in intracellular networks	
Swan, Andrew	University of Windsor	Biological Sciences	Ontario	CANADA	20/04/2007	5	165,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spatial and temporal control of the meiotic cell cycle	
Sweeney, Gary	York University	Biology	Ontario	CANADA	20/04/2007	2	42,020	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Insulin signaling and action in skeletal muscle: regulation by crosstalk with leptin and resistin signaling	
Sylvestre, Michel	Institut national de la recherche scientifique	INRS-Institut Armand- Frappier	Québec	CANADA	20/04/2007	5	225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biochemical, genetics and molecular biology of the bacterial biphenyl catabolic pathway enzymes	

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Syme, Douglas	University of Calgary	Biological Sciences	Alberta	CANADA	20/04/2007	5	143,075	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Efficiency and mechanical performance of muscles	
Szczecinski, Leszek	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	20/04/2007	5	126,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analysis and design of iterative (turbo) digital receivers	
Szepesvari, Csaba	University of Alberta	Computing Science	Alberta	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	On-line methods in machine learning	
Szpakowicz, Stan	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	discovering subjectivity in language	
Tachie, Mark Francis	University of Manitoba	Mechanical & Manufacturing Engineering	Manitoba	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Study of complex turbulent flows over rough walls and flow of non-newtonian fluid through model porous media	
Taghipour, Fariborz	University of British Columbia	Chemical and Biological Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	135,075	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	UV advanced oxidation reactors for water treatment	
Tahvildari, Ladan	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A model-based framework for self-adaptive software	
Takaya, Kunio	University of Saskatchewan	Electrical & Computer Engineering	Saskatchewan	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	3D shape recovery from images viewed by multiple video cameras	
Tang, Shuo	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multi-modality opticalimaging in tissues using ultrafast lasers	

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Tang, Tian	University of Alberta	Mechanical Engineering	Alberta	CANADA	20/04/2007	5	107,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modeling carbon nanotube-DNA hybrid materials	
Tanguy, Philippe	École Polytechnique de Montréal	Génie chimique	Québec	CANADA	20/04/2007	5	247,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mixing process intensification from innovative designs to industrial deployment	
Tapp, Alain	Université de Montréal	Informatique et recherche opérationnelle	Québec	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantum information	
Tarasov, Lev	Memorial University of Newfoundland	Physics and Physical Oceanography	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Glacial ice and climate dynamics: data-integrated modelling	
Tardif, Claude	Royal Military College of Canada/ Collège militaire royal du Canada	Mathematics and Computer Science	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Graph homomorphism and Hedetniemi's conjecture	
Tarnawski, Vlodek	Saint Mary's University	Engineering, Division of	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	87,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Estimation of quartz appearance in mineral type granular materials	
Tarnopolsky, Mark	McMaster University	Pediatrics	Ontario	CANADA	20/04/2007	5	157,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Influence of sex and 17-B-estradiol on metabolism and inflammation in skeletal muscle	
Tavoularis, Stavros	University of Ottawa/ Université d'Ottawa	Mechanical Engineering	Ontario	CANADA	20/04/2007	5	280,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fluid mechanics research	
Taylor, Eric	University of British Columbia	Zoology	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	253,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular phylogeny and speciation in a regional fauna	

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Taylor, Gregory	University of Alberta	Biological Sciences	Alberta	CANADA	20/04/2007	5	275,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Transcriptional regulation of aluminum and phosphate stress-responsive genes in plants	
Taylor, Jonathan	Université de Montréal	Mathématiques et de statistique	Québec	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Random fields and geometry with applications to brain imaging	
Taylor, Philip	Acadia University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	128,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Migration ecology	
Taylor, Scott	University of Waterloo	Chemistry	Ontario	CANADA	20/04/2007	5	315,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Studies in bioorganic and medicinal chemistry	
Taylor, Tara	St. Francis Xavier University	Mathematics, Statistics & Computing Sciences	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	40,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fractal trees, topology and geometry: analysis and applications	
Teillet, Philippe	University of Lethbridge	Physics	Alberta	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Calibration and equifinality in terrestrial spectroradiometric imaging	
Teismann, Holger	Acadia University	Mathematics and Statistics	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Controllability of schrödinger equations	
Temelli, Feral	University of Alberta	Agricultural, Food & Nutritional Sc	Alberta	CANADA	20/04/2007	5	225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Supercritical carbon dioxide technology for lipids and nutraceuticals	
Tennent, Robert	Queen's University	Computing, School of	Ontario	CANADA	20/04/2007	3	45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Parametricity and possible worlds	
Ternan, Marten	University of Ottawa/ Université d'Ottawa	Chemical Engineering	Ontario	CANADA	20/04/2007	3	66,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Reactor and catalyst modeling for direct hydrocarbon fuel cells	

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Thaine, Francisco	Concordia University	Mathematics and Statistics	Québec	CANADA	20/04/2007	5	50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cyclotomic fields	
Theoret, Christine	Université de Montréal	Biomédecine vétérinaire	Québec	CANADA	20/04/2007	5	163,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The contribution of hypoxia to equine dermal scarring	
Thibault, Gaétan	Université de Montréal	Médecine	Québec	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Phagocytose des leucocytes par les fibroblastes cardiaques	
Thistle, John	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	20/04/2007	5	103,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analysis and decentralized synthesis of distributed control systems	
Thomason, Jeffrey	University of Guelph	Biomedical Sciences	Ontario	CANADA	20/04/2007	5	103,875	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The response of some mammalian supporting tissues and structures to mechanical loading	
Thompson, Alison	Dalhousie University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthesis and applications of dipyrromethenes	
Thompson, Christopher	McGill University	Neurology and Neurosurgery	Québec	CANADA	20/04/2007	5	217,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Enhancement of positron imaging systems used for medical research and diagnosis	
Thompson, Keith	Dalhousie University	Oceanography	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	205,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Assimilation of data into coupled-atmosphere-ocean-shelf models	
Thompson, Laurence	Memorial University of Newfoundland	Chemistry	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	385,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High nuclearity polymetallic grids and clusters- towards functional molecule based devices	

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Thompson, Matthew	Queen's University	Business, School of	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multifactor optimization of electrical power plants	
Thompson, Michael	McMaster University	Chemical Engineering	Ontario	CANADA	20/04/2007	5	140,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced extrusion concepts-processing of granular matter	
Thompson, Raymond	Memorial University of Newfoundland	Ocean Sciences Centre	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	115,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of benthic marine invertebrates in carbon flow	
Thorn, Greg	University of Western Ontario	Biology	Ontario	CANADA	20/04/2007	5	72,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ecology and systematics of soil-inhabiting fungi	
Thorpe, Steven	University of Toronto	Materials Science and Engineering	Ontario	CANADA	20/04/2007	5	130,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Use of nanomaterials in fuel cell technology	
Tian, Weidong	University of Waterloo	Statistics and Actuarial Science	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Problems in mathematical finance	
Tibbits, Glen	Simon Fraser University	Kinesiology, School of	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	2	74,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of myocardial contractility in salmonids	
Tiberi, Mario	University of Ottawa/ Université d'Ottawa	Medicine, Faculty of	Ontario	CANADA	20/04/2007	2	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure-activity relationships of D1-like dopaminergic receptors	
Tikoo, Suresh	University of Saskatchewan	VIDO-Vaccine & Infectious Diseases Organization	Saskatchewan	CANADA	20/04/2007	5	160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional characterization of non structural proteins of bovine adenovirus 3	
Timmons, Brian	McMaster University	Pediatrics	Ontario	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Immune system involvement in skeletal muscle adaptation to contractile activity during human growth	

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Ting, David	University of Windsor	Mechanical, Automotive and Materials Engineering	Ontario	CANADA	20/04/2007	5	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Turbulence in applications	
Tittel, Wolfgang	University of Calgary	Physics and Astronomy	Alberta	CANADA	20/04/2007	3	117,114	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantum information technology for secure communication plus (QITSeCOM +)	
Todd, Christopher	University of Saskatchewan	Biology	Saskatchewan	CANADA	20/04/2007	5	158,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of ureide metabolism in legumes	
Tokaryk, Dennis	University of New Brunswick	Physics	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spectroscopy of molecules relevant to astrophysics and the atmosphere	
Tollenaar, Matthijs	University of Guelph	Plant Agriculture (Guelph)	Ontario	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Physiological mechanisms controlling stress tolerance in maize	
Toman, David	University of Waterloo	Computer Science, School of	Ontario	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Efficient query processing over ordered data with application to execution of XQuery	
Toms, Elaine	Dalhousie University	Business Administration, School of	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Designing task sensitive retrieval systems	
Ton-That, Minh-Tan	Concordia University	Mechanical and Industrial Engineering	Québec	CANADA	20/04/2007	3	64,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Polymer nanocomposites from natural renewable sources	
Topper, Timothy	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	20/04/2007	5	160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fatigue investigations	
Torkkeli, Paivi	Dalhousie University	Physiology and Biophysics	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	124,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of insect mechanosensory neurons	

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Toronov, Vladislav	Ryerson University	Physics	Ontario	CANADA	20/04/2007	2	30,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optical spectroscopy and imaging of tissue in magnetic fields	
Tortell, Philippe	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	245,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Potential effects of climate change on marine primary productivity and trace gas cycles	
Tosdal, Richard (Dick)	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	2	29,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Magmatic to hydrothermal transition: a structural and tectonic influence on formation of porphyry Cu and epithermal ore deposits	
Toueg, Sam	University of Toronto	Computer Science	Ontario	CANADA	20/04/2007	5	215,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	On failure detection, leader election and abstraction-freedom	
Trajkovic, Ljiljana	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	99,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High-performance networks: traffic, protocols, and control algorithms	
Trappenberg, Thomas	Dalhousie University	Computer Science, Faculty of	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interpretation and representation of learned classifiers	
Trefler, Richard	University of Waterloo	Computer Science, School of	Ontario	CANADA	20/04/2007	5	135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A visual semantics for communication protocols	
Tremblay, Alain	Université du Québec à Montréal	Sciences de la terre et de l'atmosphère	Québec	CANADA	20/04/2007	5	179,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Caractérisation structurale et genèse de la croûte océanique: analyse comparative entre les ophiolites du Québec et d'Albanie	

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Tremblay, André	Université de Montréal	Obstétrique-gynécologie	Québec	CANADA	20/04/2007	5	130,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The role of SUMO modifications on estrogen receptor function by kinase signaling pathways	
Tremblay, Sébastien	Université du Québec à Trois-Rivières	Mathématiques et informatique	Québec	CANADA	20/04/2007	5	40,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applications of pseudoanalytic function theory and clifford algebras to differential equations	
Trenhaile, Alan	University of Windsor	Earth Sciences	Ontario	CANADA	20/04/2007	5	121,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Shore platform processes and formation in eastern Canada	
Trépanier, Martin	École Polytechnique de Montréal	Mathématiques et génie industriel	Québec	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Système d'information totalement désagrégée pour le transport des personnes et des marchandises	
Trifkovic, Mak	University of Victoria	Mathematics and Statistics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Arithmetic of elliptic curves over imaginary quadratic fields	
Truelstrup Hansen, Lisbeth	Dalhousie University	Process Engineering & Applied Science	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Survival and adaptation of foodborne bacterial pathogens in the food processing environment	
Tsanis, Ioannis	McMaster University	Civil Engineering	Ontario	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Watershed/nearshore water quality management system	
Tsoukanova, Valeria	York University	Chemistry	Ontario	CANADA	20/04/2007	2	74,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Polymer-grafted membrane-mimetic surfaces: lateral structure and interactions with dissolved biomolecules	
Tulip, John	University of Alberta	Electrical & Computer Engineering	Alberta	CANADA	20/04/2007	5	331,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applications of lasers to spectroscopy and medicine	

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Turgeon, Julie	Université Laval	Biologie	Québec	CANADA	20/04/2007	5	101,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ecology and genetics of hybrid animals	
Turgeon, Sylvie	Université Laval	Aliments & de nutrition, Science des	Québec	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Étude des systèmes gélifiés mixtes à base de protéines et de polysaccharides	
Turksen, Kursad	University of Ottawa/ Université d'Ottawa	Cellular and Molecular Medicine	Ontario	CANADA	20/04/2007	2	44,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of calcium sensing receptor in epithelial differentiation	
Turner, Rolf	University of New Brunswick	Mathematics and Statistics - Fredericton	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modelling and analysis of spatial point patterns	
Tweddell, Russell	Université Laval	Phytologie	Québec	CANADA	20/04/2007	5	130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biocontrol of helminthosporium solani, causal agent of potato silver scurf	
Tyagi, Rajeshwar Dayal	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	20/04/2007	5	240,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Décontamination des boues d'épuration et leur utilisation pour produire des produits à haute valeur ajoutée	
Tykwinski, Rik	University of Alberta	Chemistry	Alberta	CANADA	20/04/2007	5	535,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthesis and materials properties of polyynes and polyenynes	
Tyree, Melvin	University of Alberta	Renewable Resources	Alberta	CANADA	20/04/2007	1	43,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Impact of hydraulic architecture on tree performance	
Tzanetakis, George	University of Victoria	Computer Science	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sound source description for music information retrieval	
Tzoganakis, Costas	University of Waterloo	Chemical Engineering	Ontario	CANADA	20/04/2007	5	166,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Reactive and conventional processing of polymers	

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Ulanova, Marina	Lakehead University	Faculty of Medicine (West Campus)	Ontario	CANADA	20/04/2007	5	140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role integrin receptors in recognition of pathogen-associated molecular patterns and innate immunity	
Ulieru, Mihaela	University of New Brunswick	Computer Science, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	eNetworks in an increasingly volatile world: the cyberengineering of resilient networked infrastructures	
Ulrych, Tadeusz	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	121,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Time/space series modeling, data processing and inversion	
Unniappan, Suraj	York University	Biology	Ontario	CANADA	20/04/2007	5	165,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Gut-brain axis and the neuroendocrine regulation of energy balance, growth and reproduction in fish	
Vadean, Aurelian	École Polytechnique de Montréal	Génie mécanique	Québec	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Conception optimale de systèmes précontraints	
Vaillancourt, Jean	Université du Québec en Outaouais	Recteur, Cabinet du	Québec	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stochastic modeling and image indexation	
Vaillancourt, Rémi	University of Ottawa/ Université d'Ottawa	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Recherche numérique multidisciplinaire	
Van Beek, Peter	University of Waterloo	Computer Science, School of	Ontario	CANADA	20/04/2007	5	180,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Constraint programming: models and algorithms	
Van de Voort, Frederik	McGill University	Food Science and Agricultural Chemistry	Québec	CANADA	20/04/2007	5	200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	FTIR spectroscopy of food systems	

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Van De Wiel, Marco	University of Western Ontario	Geography	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrated modelling of geomorphological and ecological landscape evolution	
Van den Heuvel, Michael	University of Prince Edward Island	Biology	Prince Edward Island/ Île-du-Prince-Édouard	CANADA	20/04/2007	5	122,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Understanding factors that modify the impacts of environmental androgens in fishes	
Van Kessel, Andrew	University of Saskatchewan	Animal and Poultry Science	Saskatchewan	CANADA	20/04/2007	5	140,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Microbial programming: early postnatal microbial colonisation effects on subsequent health	
Van Rees, John	University of Manitoba	Computer Science	Manitoba	CANADA	20/04/2007	5	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The search for new designs and new codes	
Van Rees, Kenneth	University of Saskatchewan	Soil Science	Saskatchewan	CANADA	20/04/2007	5	170,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of fine roots in nutrient uptake and turnover for boreal ecosystems	
Van Wijngaarden, Jennifer	University of Manitoba	Chemistry	Manitoba	CANADA	13/06/2007	3	130,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spectroscopic studies of molecular ions and radicals in the low frequency regime	
VandenBerg, Don	University of Victoria	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	319,955	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced evolutionary stages of lower mass stars	
Vanderkooy, John	University of Waterloo	Physics and Astronomy	Ontario	CANADA	20/04/2007	5	80,325	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigations in acoustics, electroacoustics and signal processing	
Vanstone, Scott	University of Waterloo	Combinatorics and Optimization	Ontario	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Efficient implementations of elliptic curve cryptography	
Varin, Luc	Concordia University	Biology	Québec	CANADA	20/04/2007	5	320,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional studies of arabidopsis thaliana sulfotransferase	

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Varin, Robert	University of Waterloo	Mechanical Engineering & Mechatronics	Ontario	CANADA	20/04/2007	5	140,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nanomaterials for solid state hydrogen storage	
Varma, Rajiv	University of Western Ontario	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	113,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	FACTS applications for integration of wind farms and enhancement of power system stability	
Vatikiotis-Bateson, Eric	University of British Columbia	Linguistics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Concurrency, synchrony, and interaction in multimodal communication	
Vaucher, Elvire	Université de Montréal	Optométrie, école d'	Québec	CANADA	20/04/2007	2	57,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cholinergic and dopaminergic interaction in the prefrontal cortex of rats	
Vavasis, Stephen	University of Waterloo	Combinatorics and Optimization	Ontario	CANADA	20/04/2007	5	130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Preconditioning for linear systems arising in modeling and optimization	
Veinot, Jonathan	University of Alberta	Chemistry	Alberta	CANADA	20/04/2007	3	141,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Controlled synthesis and properties of group IV semiconductor nanoparticles	
Veizer, Jan	University of Ottawa/ Université d'Ottawa	Earth Sciences	Ontario	CANADA	20/04/2007	5	266,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Earth system evolution	
Veksler, Olga	University of Western Ontario	Computer Science	Ontario	CANADA	20/04/2007	5	130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Discrete optimization methods and their applications in computer vision	
Veldhuizen, Todd	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	20/04/2007	5	102,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Restricted languages for domain-specific programming	

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Venart, James	University of New Brunswick	Mechanical Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Loss prevention, heat transfer and thermal properties	
Venditti, Jeremy	Simon Fraser University	Geography	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	108,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sediment delivery to the Fraser River Delta; sediment transport mechanisms and modeling framework	
Venkatakrishnan, Krishnan	Ryerson University	Mechanical and Industrial Engineering	Ontario	CANADA	20/04/2007	5	92,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Puled laser micro/submicro manufacturing for MEMS and microelectronics	
Verbrugge, Clark	McGill University	Computer Science, School of	Québec	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Compiler, runtime and language techniques for the efficient use of multiprocessor systems	
Vermette, Patrick	Université de Sherbrooke	Génie chimique	Québec	CANADA	20/04/2007	5	133,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design and study of materials and bioreactor culture process to fabricate a vascularized bioartificial pancreas device	
Verrall, Ronald	University of Saskatchewan	Chemistry	Saskatchewan	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Gemini surfactants: behaviour at interfaces and interaction with synthetic and biological macromolecules	
Verreman, Yves	École Polytechnique de Montréal	Génie mécanique	Québec	CANADA	20/04/2007	5	136,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modélisation du soudage par frottement-malaxage et comportement en fatigue de joints soudés en aluminium et de pièces structurales mises en forme à l'état semi-solide	

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Vertinsky, Ilan	University of British Columbia	Sauder School of Business	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optimizing forest land management under overlapping multiple resource tenures	
Vetta, Adrian	McGill University	Computer Science, School of	Québec	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algorithms and game theory in computer science	
Viarouge, Philippe	Université Laval	Génie électrique et génie informatique	Québec	CANADA	20/04/2007	5	189,550	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Conception de machines électriques avec des matériaux magnétiques doux composites	
Vigmond, Edward	University of Calgary	Electrical & Computer Engineering	Alberta	CANADA	20/04/2007	5	184,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of a electro-mechano-fluidic biological model	
Viktor, Herna	University of Ottawa/ Université d'Ottawa	Engineering, Faculty of	Ontario	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Utility-based mining of large-scale relational databases	
Villeneuve, Jean-Pierre	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modèle mathématique appliqué, gestion optimale de la ressource eau	
Vinals, Jorge	McGill University	Physics	Québec	CANADA	20/04/2007	5	220,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nonlinear dynamics and pattern formation in extended systems	
Vincent, Alain	Université de Montréal	Physique	Québec	CANADA	20/04/2007	5	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Physique d'écoulements turbulents naturels et industriels	
Vincent, Pascal	Université de Montréal	Informatique et recherche opérationnelle	Québec	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Learning higher level representations and invariant transformations	
Vitkin, Alex	University of Toronto	Medical Biophysics	Ontario	CANADA	11/05/2007	5	203,460	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spectral polarimetry in multiply scattering birefringent optically active media	

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Viveros-Aguilera, Roman	McMaster University	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical methods in process control and monitoring	
Vlachopoulos, John	McMaster University	Chemical Engineering	Ontario	CANADA	20/04/2007	5	180,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Processing of environment friendly polymers and composites	
Vocadlo, David	Simon Fraser University	Chemistry	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	165,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chemical strategies for studying O-glycosylation	
Vokey, John	University of Lethbridge	Psychology and Neuroscience	Alberta	CANADA	20/04/2007	5	123,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Tacit sensitivity to structure and judgements of style in everyday behaviour	
Volat, Christophe	Université du Québec à Chicoutimi	Sciences appliquées	Québec	CANADA	20/04/2007	5	122,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cartographie dynamique du champ électrique en vue de prédire la tension critique de contournement des isolateurs recouverts de glace	
Volpe, John	University of Victoria	Environmental Studies, School of	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	86,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Meeting the challenge of marine sustainability	
Vorobyov, Sergiy	University of Alberta	Electrical & Computer Engineering	Alberta	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Robust adaptive beamforming for multi-antenna systems	
Voyer, Normand	Université Laval	Chimie	Québec	CANADA	20/04/2007	5	250,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of funtional peptide nanostructures	
Waub, Jean Philipe	Université du Québec à Montréal	Géographie	Québec	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modélisation technico-économique des systèmes industriels: contrôle des externalités environnementales	

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Wadge, William	University of Victoria	Computer Science	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Infinitesimal and intensional software	
Wadsley, James	McMaster University	Physics and Astronomy	Ontario	CANADA	20/04/2007	5	182,045	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational Planet, Star and Galaxy Formation	
Wagner, David	University of Waterloo	Combinatorics and Optimization	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Negative correlations in combinatorics and statistical mechanics	
Wagner, Graham	University of Western Ontario	Physiology and Pharmacology	Ontario	CANADA	20/04/2007	5	165,535	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hormonal regulation of mineral metabolism in fishes and invertebrates	
Walbridge, Scott	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Rehabilitation of existing steel bridges by field treatment of welds	
Walker, Kaley	University of Toronto	Physics	Ontario	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Using spectroscopy to investigate atmospheric composition and chemistry	
Wall, Jasper	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	2	44,132	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cosmology with active galactic nuclei	
Wallace, Carmichael	Dalhousie University	Biochemistry and Molecular Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	2	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Deducing function from engineered cytochrome c	
Wallbank, Barry	St. Francis Xavier University	Physics	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	3	79,038	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Laser-assisted collisions and electron-ion collisions	
Walsh, Timothy	Université du Québec à Montréal	Informatique	Québec	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design and analysis of efficient combinatorial algorithms	

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Walton, Paul	University of Western Ontario	Anatomy and Cell Biology	Ontario	CANADA	20/04/2007	1	25,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Restoration of peroxisomal catalase	
Wamkeue, René	Université du Québec en Abitibi-Témiscamingue	Sciences appliquées	Québec	CANADA	20/04/2007	5	111,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modèle numérique en temps réel de prédiction, d'analyse de stabilité, d'identification et de commande d'un réseau électrique autonome à couplage éoline-diesel	
Wanderley, Marcelo	McGill University	Schulich School of Music	Québec	CANADA	20/04/2007	2	49,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design of novel digital musical instruments: gestures sensors and mapping strategies	
Wang, Cao An	Memorial University of Newfoundland	Computer Science	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	147,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Tetrahedralization and graph property in 2D and 3D	
Wang, Hui	University of Saskatchewan	Chemical Engineering	Saskatchewan	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	CO2 reforming of hydrocarbon gases	
Wang, Jian	Dalhousie University	Human Communication Disorders, School of	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	119,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Changes of temporal coding in inferior colliculus and auditory cortex of the guinea pig after cochlear lesion	
Wang, Lingyu	Concordia University	Concordia Institute for Information Systems Engineering (CIISE)	Québec	CANADA	20/04/2007	5	107,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Defending Against Multi-Step Network Intrusions in large-scale computer networks	
Wang, Michael	University of Windsor	Industrial and Manufacturing Systems Eng.	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of a design framework for sustainable product design and innovation	
Wang, Qiang (Steven)	Carleton University	Mathematics and Statistics, School of	Ontario	CANADA	20/04/2007	5	50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Polynomials over finite fields, semigroups and semigroup rings, and their applications	

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Wang, Quan	University of Manitoba	Mechanical & Manufacturing Engineering	Manitoba	CANADA	20/04/2007	5	107,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stability analysis of carbon nanotubes with continuum mechanics	
Wang, Xianfu (Shawn)	University of British Columbia	Unit 5 - Mathematics and Statistics & Physics and Astronomy (Okanagan)	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nonsmooth analysis on asplund generated spaces, computational convex analysis, and differentiability of cone- monotone functions	
Wang, Yan (Alexander)	University of British Columbia	Chemistry	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	250,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Orbital-Corrected Orbital- Free Density Functional Theory	
Wang, Zhi Yuan (Wayne)	Carleton University	Chemistry	Ontario	CANADA	20/04/2007	5	475,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Organic near-infrared functional materials: synthesis, property and potential applications	
Wang, Zhiquan	University of Alberta	Agricultural, Food & Nutritional Sc	Alberta	CANADA	20/04/2007	5	97,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrative understanding and evaluation residual feed intake in dairy cattle	
Wanke, Sieghard	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	20/04/2007	5	156,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development and characterization of supported-metal and olefin-polymerization catalysts	
Ward, Paul	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Commodity distributed systems	
Warfield, Andrew	University of British Columbia	Computer Science	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	92,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Systems support for virtualization	
Warkentin, John	McMaster University	Chemistry	Ontario	CANADA	20/04/2007	2	66,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dioxycarbene chemistry	

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Warner, Barry	University of Waterloo	Geography	Ontario	CANADA	20/04/2007	5	80,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Wetlands, climate change and human disturbance: microscale to macroscale studies	
Wassersug, Richard	Dalhousie University	Anatomy and Neurobiology	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	211,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sides and eyes: studies on laterality in anuran larvae	
Wassying, Alan	McMaster University	Computing and Software	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Timing issues in hard real-time / embedded systems	
Watier, François	Université du Québec à Montréal	Mathématiques	Québec	CANADA	20/04/2007	2	28,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Contrôle stochastique appliqué en finance	
Watkinson, Alan Paul	University of British Columbia	Chemical and Biological Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	109,386	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fouling and gasification studies	
Watmough, James	University of New Brunswick	Mathematics and Statistics - Fredericton	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	72,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modelling heterogeneities in disease transmission and predation	
Watson, Susan	York University	Biology	Ontario	CANADA	20/04/2007	5	72,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biological odour production in source waters: sources and foodweb effects	
Watt, Stephen	University of Western Ontario	Computer Science	Ontario	CANADA	20/04/2007	5	142,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The domain of computer algebra	
Watterson, James	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Forensic Science	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Characterization of drug disposition in skeletal tissues - a forensic context	

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Watts, Christopher	Dalhousie University	Biological Engineering	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Physical properties of biodiesel at elevated temperatures and pressures/removal of fines in aquacultural facilities	
Webb, Aubrey	University of Calgary	Veterinary Medicine, Faculty of	Alberta	CANADA	13/06/2007	5	122,435	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hormones, plasticity, and locomotor recovery	
Webb, Jonathan Peter	McGill University	Electrical & Computer Engineering	Québec	CANADA	20/04/2007	5	236,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Finite element methods for design of electromagnetic devices	
Weber, Jean-Michel	University of Ottawa/ Université d'Ottawa	Biology	Ontario	CANADA	20/04/2007	5	238,225	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Metabolic fuel selection: exercise and cold exposure	
Weckman, David	University of Waterloo	Mechanical Engineering & Mechatronics	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Double-sided arc welding of aluminum sheet	
Weeks, Andrew	Nipissing University	Psychology	Ontario	CANADA	20/04/2007	2	40,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	An examination of synaptic and dendritic ultrastructural change following various forms of learning	
Wegner, Joanne	University of Victoria	Mechanical Engineering	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Numerical studies of wave interaction with structures and related problems	
Wegner, Leon	University of Saskatchewan	Civil & Geological Engineering	Saskatchewan	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Vibration-based damage detection for bridges	
Wehlau, David	Royal Military College of Canada/ Collège militaire royal du Canada	Mathematics and Computer Science	Ontario	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algebraic groups and galois geometries	

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Wei, John	University of Toronto	Physics	Ontario	CANADA	20/04/2007	5	288,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nanoscale study of complex oxide & intermetallic materials	
Wei, Xiaohua (Adam)	University of British Columbia	Irving K Barber School of Arts & Sciences	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	80,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Relations between forest disturbance, in-stream wood and aquatic habitat over river networks	
Weiss, Alfred	University of Alberta	Mathematical and Statistical Sciences	Alberta	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Around equivariant iwasawa theory	
Welsh, Donald	University of Calgary	Physiology and Biophysics	Alberta	CANADA	20/04/2007	5	134,375	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechano-sensitive ion channels in vascular smooth muscle	
West, Frederick	University of Alberta	Chemistry	Alberta	CANADA	20/04/2007	5	425,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Domino processes for carbocycle and heterocycle synthesis	
Westbrook, Cherie	University of Saskatchewan	Geography	Saskatchewan	CANADA	20/04/2007	5	86,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Storage-yield dynamics of a rocky mountain valley	
Westgate, John	University of Toronto	Geology	Ontario	CANADA	20/04/2007	5	130,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Late cenozoic distal tephrochronology of the Yukon Territory and interior Alaska	
Westwood, David	Dalhousie University	Health and Human Performance, School of	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	91,475	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Perception and action in human visual behaviour	
Wetmore, Stacey	University of Lethbridge	Chemistry & Biochemistry	Alberta	CANADA	20/04/2007	5	222,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computer Modeling of the Properties, Interactions and Reactions of Natural and Modified DNA	

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Whatmough, Christine	McGill University	Neurology and Neurosurgery	Québec	CANADA	20/04/2007	5	88,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Differentiating the role of limbic system structures in memory processes	
Wheeler, Terry	McGill University	Natural Resource Sciences	Québec	CANADA	20/04/2007	5	156,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Systematics and ecology of diptera	
Whishaw, Ian	University of Lethbridge	Psychology and Neuroscience	Alberta	CANADA	20/04/2007	5	432,735	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolution and neural basis of skilled movement	
White, Anthony	Carleton University	Computer Science, School of	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Swarm intelligence: tools and applications	
White, Joseph	University of New Brunswick	Geology	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	166,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Earth deformation - structure, kinematics and processes	
White, Matthew	Simon Fraser University	Kinesiology, School of	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	138,475	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interactions of body temperatures and modulators of human pulmonary ventilation	
White, Norman	McGill University	Psychology	Québec	CANADA	20/04/2007	5	255,280	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neural and psychological analysis of reinforcement mechanisms	
Whitehead, John	Memorial University of Newfoundland	Physics and Physical Oceanography	Newfoundland and Labrador/ Terre- Neuve-et-Labrador	CANADA	20/04/2007	5	70,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modelling and Simulation of Ultra-Thin Magnetic films	
Whiteway, James	York University	Earth and Space Science and Engineering	Ontario	CANADA	20/04/2007	5	130,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Experiments in the atmospheres of Earth and Mars	
Whitcar, Michael	University of Victoria	Earth and Ocean Sciences, School of	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	228,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cryo-methane emissions - global consequences of permafrost and hydrate destabilization	

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Whitmore, Mark	University of Manitoba	Physics & Astronomy	Manitoba	CANADA	20/04/2007	5	150,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theoretical studies of lipids and polymers	
Whittington, Stuart	University of Toronto	Chemistry	Ontario	CANADA	20/04/2007	5	250,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical mechanics of polymers	
Wickham, Robert	St. Francis Xavier University	Physics	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	93,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theoretical study of block copolymer self-assembly	
Wiese, Kay	Simon Fraser University	Computing Science	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolutionary computation and applications in bioinformatics	
Wijewickreme, Dharmapriya	University of British Columbia	Civil Engineering	British Columbia/ Colombie-Britannique	CANADA	11/05/2007	5	97,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	(a) Earthquake response of natural silts; (b) response of buried pipelines to ground movements; and (c) mechanical response of mine waste	
Wilcox, Laurie	York University	Psychology - (Arts)	Ontario	CANADA	20/04/2007	5	113,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Surface smoothing v.s. boundary detection in the perception of 3D scenes	
Wildes, Richard	York University	Computer Science and Engineering	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Early representation and analysis of monocular and binocular temporal image sequences	
Wilds, Christopher	Concordia University	Chemistry and Biochemistry	Québec	CANADA	20/04/2007	3	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	use of novel interstrand cross-linked DNA duplexes to investigate resistance to bifunctional alkylating chemotherapeutic agents	

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Wilkie, Michael	Wilfrid Laurier University	Biology	Ontario	CANADA	20/04/2007	3	54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanisms of nitrogen handling, toxicity and tolerance in fishes	
Wilkinson, David	McMaster University	Materials Science and Engineering	Ontario	CANADA	20/04/2007	5	290,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanical behaviour of materials with complex microstructure	
Williams, Alan	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	20/04/2007	3	45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improved automated tools for software testing	
Williams, Gwyn	University of Manitoba	Physics & Astronomy	Manitoba	CANADA	20/04/2007	5	140,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Novel magnetic materials	
Williams, Tony	Simon Fraser University	Biological Sciences	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	224,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulatory mechanisms and cost of reproduction	
Williamson, Sheldon	Concordia University	Electrical and Computer Engineering	Québec	CANADA	20/04/2007	5	124,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design and development of a high-efficiency electric drive train for hybrid electric vehicle applications	
Willis, Craig	University of Winnipeg	Biology	Manitoba	CANADA	20/04/2007	3	57,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ecophysiology of boreal small mammals: physiological variation and environmental change	
Willmore, William	Carleton University	Biochemistry, Institute of	Ontario	CANADA	20/04/2007	5	165,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of protein hydroxylation in cellular response to hypoxia	
Wilson, Bruce	University of New Brunswick	Civil Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improving municipal solid waste collection using spatial data	

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Wilson, Daryl	Queen's University	Psychology	Ontario	CANADA	20/04/2007	5	92,435	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cortical and behavioural aspects of attentional control	
Wilson, Joyce	University of Saskatchewan	Microbiology and Immunology	Saskatchewan	CANADA	13/06/2007	5	145,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The role of dicer and argonaute in HCV replication	
Wilson, Mark	University of Alberta	Biological Sciences	Alberta	CANADA	20/04/2007	5	274,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Phylogenetic and paleoecological studies of early vertebrates and fossil fishes	
Wilson, Richard	University of Calgary	Physiology and Biophysics	Alberta	CANADA	20/04/2007	5	195,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neuronal basis of bimodal ventilation in lower vertebrates	
Winklbauer, Rudolf	University of Toronto	Cell & Systems Biology	Ontario	CANADA	20/04/2007	1	25,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analysis of gastrulation processes in vertebrates	
Winnik, Mitchell	University of Toronto	Chemistry	Ontario	CANADA	20/04/2007	5	852,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Polymer coformation, dynamics, morphology and self-assembly	
Winstanley, Catharine	University of British Columbia	Psychology	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	107,435	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrating neural, neurochemical and molecular mechanisms of impulse control	
Winter, Horst Michael	Brock University	Computer Science	Ontario	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Verified object-oriented programs	
Winterbottom, Richard	University of Toronto	Ecology & Evolutionary Biology	Ontario	CANADA	20/04/2007	5	120,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Phylogeny, biogeography and evolutionary traits of indo-pacific reef fishes	
Wiseman, Paul	McGill University	Chemistry	Québec	CANADA	20/04/2007	5	267,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Image correlation methods for biophysical chemistry studies of living cells	

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Wittenberg, Ralf	Simon Fraser University	Mathematics	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamics of partial differential equations	
Witzel, Bernd	Université Laval	Physique, génie physique et optique	Québec	CANADA	20/04/2007	5	163,460	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Visualization of short laser pulse ionization and dissociation processes	
Wolf, Thomas	Brock University	Mathematics	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computer algebra and the integrability of continuous and discrete systems	
Wolkowicz, Henry	University of Waterloo	Combinatorics and Optimization	Ontario	CANADA	20/04/2007	5	190,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Efficient and robust algorithms for hard, large scale, numerical optimization	
Wolyn, David	University of Guelph	Plant Agriculture (Guelph)	Ontario	CANADA	20/04/2007	5	160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analysis of mitochondria to nucleus signaling affecting flower development in carrot	
Wong, Augustine	York University	Computer Science and Engineering	Ontario	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Asymptotic inference based on likelihood function	
Wong, Sui-Lam	University of Calgary	Biological Sciences	Alberta	CANADA	20/04/2007	5	200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Streptavidin engineering and characterization of putative sortases and their substrates from bacillus subtilis	
Wong, Vincent	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	117,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cross-layer design for wireless mesh networks	
Woo, Tom	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	20/04/2007	5	257,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of novel computational tools for catalysis research	

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Wood, Christopher	McMaster University	Biology	Ontario	CANADA	20/04/2007	5	744,375	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Transport and metabolism in fish	
Woodbury, Robert	Simon Fraser University	Interactive Arts and Technology, School of (SIAT)	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	137,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theory and practice of design space explorers	
Woodin, Melanie	University of Toronto	Cell & Systems Biology	Ontario	CANADA	20/04/2007	3	85,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spike-timing dependent plasticity of GABAergic synapses in the hippocampus	
Woodside, Michael	University of Alberta	Physics	Alberta	CANADA	20/04/2007	5	140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sequence-dependent folding of single proteins under mechanical load	
Woolgar, Eric	University of Alberta	Mathematical and Statistical Sciences	Alberta	CANADA	20/04/2007	5	154,460	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applications of Riemannian Geometry and Ricci flow in physics	
Woolley, Andrew	University of Toronto	Chemistry	Ontario	CANADA	20/04/2007	5	500,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chemical biological tools: switches and reporters	
Workentin, Mark	University of Western Ontario	Chemistry	Ontario	CANADA	20/04/2007	5	420,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Probes of reactivity on metal surfaces/electron transfer initiated processes	
Wormald, Nicholas	University of Waterloo	Combinatorics and Optimization	Ontario	CANADA	20/04/2007	5	265,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Random structures and algorithms	
Worobec, Elizabeth	University of Manitoba	Microbiology	Manitoba	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Serratia marcescens membrane associated transport mechanisms	

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Woszczyk, Wieslaw	McGill University	Schulich School of Music	Québec	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthesis of time-variant virtual room acoustics based on impulse response measurement, analysis, and processing	
Wright, David	University of Alberta	Agricultural, Food & Nutritional Sc	Alberta	CANADA	20/04/2007	5	143,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of skeletal muscle glucose metabolism by glucocorticoids	
Wu, Bin	Ryerson University	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	179,550	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High-power converters and industry applications	
Wu, Jing	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Management architecture of peer-to-peer optical networks	
Wu, Ke	École Polytechnique de Montréal	Génie électrique	Québec	CANADA	20/04/2007	5	292,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Substrate integrated circuits (SICs) for radio- frequency (RF), millimetre-wave and microwave photonic system applications	
Wu, Xiaohua	Royal Military College of Canada/ Collège militaire royal du Canada	Mechanical Engineering	Ontario	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistics and structures of transitional and turbulent boundary layers with migrating localized disturbances	
Wu, Yanqin	University of Toronto	Astronomy and Astrophysics	Ontario	CANADA	20/04/2007	5	209,625	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Disks around stars and planets	
Wu, Yuehua	York University	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Topics in M-estimation, model selection and modelling	
Wüthrich, Rolf	Concordia University	Mechanical and Industrial Engineering	Québec	CANADA	20/04/2007	5	112,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Using electrochemical discharges for micro- and nano-system production	

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Wykes, Linda	McGill University	Dietetics and Human Nutrition, School of	Québec	CANADA	20/04/2007	2	65,084	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Protein and amino acid metabolism in malnutrition and metabolic stress	
Xia, Aibing	Mount Saint Vincent University	Chemistry/Physics	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	3	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthesis, characterization, and applications of late transition metal complexes containing iminophosphinite chalcogenide ligands	
Xia, Kaiwen	University of Toronto	Civil Engineering	Ontario	CANADA	20/04/2007	5	99,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fracture process in rocks and earthquakes	
Xiao, Jie	Memorial University of Newfoundland	Mathematics and Statistics	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geometric harmonic analysis for diffusive heat equations	
Xie, Huixiang	Université du Québec à Rimouski	Sciences de la mer de Rimouski, Institut des	Québec	CANADA	20/04/2007	5	105,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The impact of dissolved organic matter photochemistry on the carbon and nutrient cycling in arctic and subarctic marine ecosystems	
Xu, Tong	Carleton University	Physics	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Instrumentation physics of a novel positron-emission based motion and shape tracking technique for medicine	
Xu, Xiaojian	Brock University	Mathematics	Ontario	CANADA	20/04/2007	3	36,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Robust design with application and implementation	
Xue, Deyi	University of Calgary	Mechanical & Manufacturing Engineering	Alberta	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optimal concurrent engineering design considering uncertainties	

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Yack, Jayne	Carleton University	Biology	Ontario	CANADA	20/04/2007	5	181,275	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neuroethology of invertebrate sound and vibration communication systems	
Yacout, Soumaya	École Polytechnique de Montréal	Mathématiques et génie industriel	Québec	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Testing and comparing the application of new techniques to condition based maintenance	
Yada, Rickey	University of Guelph	Food Science	Ontario	CANADA	20/04/2007	5	500,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure function relationships of food-related proteins/enzymes	
Yahia, L'Hocine	École Polytechnique de Montréal	Génie mécanique	Québec	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improvement of bioperformance at nanoscale level	
Yalcin, Turgut	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Engineering, School of	Ontario	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dissolved gas and ultrasound applications in mineral processing	
Yan, Hongbin	Brock University	Chemistry	Ontario	CANADA	20/04/2007	3	91,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chemoenzymatic synthesis and in vitro characterization of glycosylated siRNA	
Yan, Ning	University of Toronto	Forestry, Faculty of	Ontario	CANADA	20/04/2007	5	122,515	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fundamental studying of fibre-matrix interface/interphase properties in relation to fracture resistance of bio-fibre polymer composites	
Yan, Yuhong	University of New Brunswick	Computer Science, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Building self-manageable web service processes	
Yang, Boting	University of Regina	Computer Science	Saskatchewan	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Pursuit-evasion problems on terrains	

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Yang, Cungang	Ryerson University	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design and modeling of secure and efficient wireless sensor networks	
Yang, Daoyong	University of Regina	Engineering, Faculty of	Saskatchewan	CANADA	20/04/2007	4	96,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrated modeling and optimization of CO2 enhanced oil recovery and storage under uncertainty	
Yang, Xiang-Jiao	McGill University	Medicine	Québec	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Roles of a recurrent phospho-sumoyl switch in coordinated transcriptional repression	
Yang, Xue-Dong	University of Regina	Computer Science	Saskatchewan	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hierarchical Methods in Graphics and Image Processing	
Yanushkevich, Svetlana	University of Calgary	Electrical & Computer Engineering	Alberta	CANADA	20/04/2007	5	87,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Non-deterministic paradigm for logic design in nano domain	
Yao, Fang	University of Toronto	Statistics	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Flexible modelling of functional data	
Yao, JingTao	University of Regina	Computer Science	Saskatchewan	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Inductive learning methods for critical decision making applications	
Yao, Yiyu	University of Regina	Computer Science	Saskatchewan	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Granular computing for the design and implementation of intelligent information systems	
Yarranton, Harvey	University of Calgary	Chemical and Petroleum Engineering	Alberta	CANADA	20/04/2007	5	160,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bitumen-solvent phase behavior and non-aqueous extraction	

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Yarusevych, Serhiy	University of Waterloo	Mechanical Engineering & Mechatronics	Ontario	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigation of shear flows at low reynolds numbers	
Yazdani, Amirnaser	University of Western Ontario	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	107,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analysis and control of distribution power networks with multiple distributed generation (DG) and distributed storage (DS) units	
Ye, Andy	Ryerson University	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Area and power efficient interconnect architecture for multi-bit processing on FPGAs	
Ye, Zuo-Guang	Simon Fraser University	Chemistry	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	400,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design, synthesis and characterization of multi-ferroic materials - from inhomogeneous nanostructure to functional macroscopic properties	
Yee, Janet	Trent University	Chemistry	Ontario	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Gene expression studies in giardia lamblia	
Yelon, Arthur	École Polytechnique de Montréal	Génie physique	Québec	CANADA	20/04/2007	5	164,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Magnetic Micro and Nano Wires	
Yeomans, John	University of Toronto	Psychology	Ontario	CANADA	20/04/2007	5	192,435	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neural pathways of the startle reflex	
Yeung, Edward	University of Calgary	Biological Sciences	Alberta	CANADA	20/04/2007	5	275,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structural, physiological and biochemical aspects of embryo development in vivo and in vitro	
Yeung, Ken	University of Western Ontario	Chemistry	Ontario	CANADA	20/04/2007	5	160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Microscale protein sample preparation and concentration by CE	

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Yi, Grace	University of Waterloo	Statistics and Actuarial Science	Ontario	CANADA	20/04/2007	5	115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Methods on longitudinal and lifetime data analysis	
Young, Graham	University of Manitoba	Geological Sciences	Manitoba	CANADA	20/04/2007	5	82,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Paleozoic cnidaria and shorelines environments	
Young, Jeff	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	404,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantum optics on-a-chip	
Yu, Fei (Richard)	Carleton University	Information Technology, School of	Ontario	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cross-layer design and optimization for next generation wireless networks	
Yu, Hao	University of Western Ontario	Statistical and Actuarial Sciences	Ontario	CANADA	20/04/2007	5	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Residual processes of nonlinear time series models and unit root tests	
Yu, Sheng	University of Western Ontario	Computer Science	Ontario	CANADA	20/04/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	State complexity	
Yu, Shudong	Ryerson University	Mechanical and Industrial Engineering	Ontario	CANADA	20/04/2007	5	90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Vibro-impact dynamics of complex engineering structures with applications to fretting of nuclear fuel bundles	
Yu, Wei	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	155,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Capacity, coding and optimization for network information theory	
Yu, Xiaohui	York University	Analytic Studies and Information Technology, School of	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Managing risk and uncertainty in query optimization	

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Yuan, Yuan	Memorial University of Newfoundland	Mathematics and Statistics	Newfoundland and Labrador/ Terre- Neuve-et-Labrador	CANADA	20/04/2007	5	60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stability and bifurcations analysis in delay differential equations with applications	
Yuan, Yvonne	Ryerson University	Nutrition, School of	Ontario	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanisms underlying bioactivity of edible seaweed/algae constituents	
Yuen, Wai Kong	Brock University	Mathematics	Ontario	CANADA	20/04/2007	5	80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improving the efficiency of Markov chain Monte Carlo	
Zabrocki, Michael	York University	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Commutative and non- commutative structures in algebraic combinatorics	
Zaccarin, André	Université Laval	Génie électrique et génie informatique	Québec	CANADA	20/04/2007	5	104,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algorithmes de prédiction pour la compression vidéo	
Zach, Richard	University of Calgary	Philosophy	Alberta	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational aspects of the epsilon calculus	
Zagury, Gérald	École Polytechnique de Montréal	Génies Civil, géologique et des mines	Québec	CANADA	20/04/2007	5	130,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bioaccessibilité des métaux dans les sols: validation et influence des propriétés des sols et de la spéciation des métaux	
Zaheeruddin, Mohammed	Concordia University	Building, Civil and Environmental Engineering	Québec	CANADA	20/04/2007	5	140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Online adaptive control, diagnostics and intelligent operation of multizone heating ventilating and air conditioning systems	
Zaïane, Osmar	University of Alberta	Computing Science	Alberta	CANADA	20/04/2007	5	165,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Off-line and integrated data mining for intelligent systems	

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Zanette, Liana	University of Western Ontario	Biology	Ontario	CANADA	20/04/2007	5	156,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Predator effects on terrestrial vertebrate prey: an integrated approach to responses at multiple scales	
Zaremba, Eugene	Queen's University	Physics	Ontario	CANADA	20/04/2007	5	225,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theory of ultracold matter	
Zarepour, Mahmoud	University of Ottawa/ Université d'Ottawa	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Some new tools in nonparametric bayesian inference / time series with infinite variance	
Zaric, Gregory	University of Western Ontario	Richard Ivey School of Business	Ontario	CANADA	20/04/2007	5	106,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optimal allocation of public sector resources	
Zazubovits, Valter	Concordia University	Physics	Québec	CANADA	20/04/2007	3	88,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optical spectroscopy of photosynthetic complexes	
Zeh, Norbert	Dalhousie University	Computer Science, Faculty of	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	145,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theory and implementation of algorithms & data structures for memory hierarchies	
Zhang, Chao	University of Western Ontario	Mechanical and Materials Engineering	Ontario	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Numerical studies of turbulent multi-phase flows and heat transfer in industrial thermofluid systems	
Zhang, Hao	Simon Fraser University	Computing Science	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	97,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Transform-based geometry processing and analysis in computer graphics	
Zhang, Huajie	University of New Brunswick	Computer Science, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Discriminative learning of Bayesian networks for data mining applications	

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Zhang, Lihong	Memorial University of Newfoundland	Electrical & Computer Engineering	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Manufacturability-aware performance-driven layout centric design automation of analog and RF integrated circuits	
Zhang, Peng	University of Alberta	Mathematical and Statistical Sciences	Alberta	CANADA	20/04/2007	3	37,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Random mean model and clustering analysis for longitudinal data	
Zhang, Youmin	Concordia University	Mechanical and Industrial Engineering	Québec	CANADA	20/04/2007	5	102,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of fault-tolerant flight control systems in realistic environment	
Zhang, Zisheng	University of Ottawa/ Université d'Ottawa	Chemical Engineering	Ontario	CANADA	20/04/2007	5	123,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Novel microalgal cultivation systems for combined economic and environmental benefits	
Zhao, Jiying	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quality measurement of audiovisual signals based on digital watermarking	
Zhao, Vicky	University of Alberta	Electrical & Computer Engineering	Alberta	CANADA	20/04/2007	5	100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Behavior forensics in multimedia security	
Zhao, Xin	McGill University	Animal Science	Québec	CANADA	20/04/2007	1	37,161	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interaction between s. aureus and bovine mammary epithelial cells	
Zhao, Yonggan	Dalhousie University	Business Administration, School of	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Markov decision models for dynamic risk management	
Zhen, Mei	University of Toronto	Medical Genetics and Microbiology	Ontario	CANADA	13/06/2007	5	150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of neuronal polarity in C.elegans	

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Zheng, Huanquan	McGill University	Biology	Québec	CANADA	20/04/2007	5	178,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional genomics of intracellular membrane trafficking in Arabidopsis thaliana	
Zhong, Ming	University of New Brunswick	Civil Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advancing transportation data systems for timely information delivery and improved parameter estimation	
Zhong, Wen	University of Manitoba	Textile Sciences	Manitoba	CANADA	20/04/2007	4	101,360	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Transport in fibrous materials and biomembranes	
Zhou, Fei	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	1	26,570	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Strongly Interacting Ultra cold atoms in Optical Lattices	
Zhou, Ping	St. Francis Xavier University	Mathematics, Statistics & Computing Sciences	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multivariate padé approximants, fourier series, and applications	
Zhu, Guchuan	École Polytechnique de Montréal	Génie électrique	Québec	CANADA	20/04/2007	5	103,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nonlinear control of electrostatic MEMS with applications to optical systems	
Zhu, Hongmei	York University	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Time-frequency analysis in biomedicine: mathematical, computational, and application aspects	
Zhu, Ying	University of Ontario Institute of Technology	Business and Information Technology, Faculty of	Ontario	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Model-based application-aware overlay networks over heterogeneous substrates	
Ziegler, Susan	Memorial University of Newfoundland	Earth Sciences	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The impact of environmental change on dissolved organic matter cycling in boreal watersheds	

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Zielinski, Adam	University of Victoria	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	103,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Underwater acoustic applications	
Zielinski, Barbara	University of Windsor	Biological Sciences	Ontario	CANADA	20/04/2007	5	114,885	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The function of the primary olfactory pathway	
Zimmerly, Steven	University of Calgary	Biological Sciences	Alberta	CANADA	20/04/2007	5	225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	An evolutionary approach to studying the structure and activities of group II intron ribozymes	
Zingg, David	University of Toronto	Aerospace Studies, Institute for	Ontario	CANADA	20/04/2007	5	190,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Aerodynamic optimization with application to sustainable flight	
Zou, Guangyong	University of Western Ontario	Epidemiology and Biostatistics	Ontario	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical methodology for correlated data	
Zou, Ying	Queen's University	Electrical and Computer Engineering	Ontario	CANADA	20/04/2007	5	125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Business oriented software understanding, development and evolution	
Zufferey, Nicolas	Université Laval	Sciences de l'administration, faculté des	Québec	CANADA	20/04/2007	5	85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	DEéveloppements d'heuristiques pour des problèmes d'ordonnancement dans le contexte de missions satellitaires	
Zulkernine, Mohammad	Queen's University	Computing, School of	Ontario	CANADA	20/04/2007	5	105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Methods and tools for intrusion-aware software systems	
Zwiazek, Janusz	University of Alberta	Renewable Resources	Alberta	CANADA	20/04/2007	5	175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of water transport in plants	

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Amyot, Marc	Université de Montréal	Sciences biologiques	Québec	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Northern Research Supplement/ Programme de subventions à la découverte - supplément en recherche nordique	Travel expenses for the study of mercury cycling in the high Arctic	
Clark, Ian	University of Ottawa/ Université d'Ottawa	Earth Sciences	Ontario	CANADA	20/04/2007	5	67,420	Discovery Grants Program - Northern Research Supplement/ Programme de subventions à la découverte - supplément en recherche nordique	Arctic hydrogeology and paleoclimatology	
Copland, Luke	University of Ottawa/ Université d'Ottawa	Geography	Ontario	CANADA	20/04/2007	5	67,520	Discovery Grants Program - Northern Research Supplement/ Programme de subventions à la découverte - supplément en recherche nordique	Ice dynamics and glacier changes in northern Canada	
Côté, Steeve	Université Laval	Biologie	Québec	CANADA	20/04/2007	5	69,685	Discovery Grants Program - Northern Research Supplement/ Programme de subventions à la découverte - supplément en recherche nordique	Stratégies biodémographiques des caribous toundriques	
England, John	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Northern Research Supplement/ Programme de subventions à la découverte - supplément en recherche nordique	Quaternary environmental change across the western Canadian arctic archipelago	
Fortier, Louis	Université Laval	Biologie	Québec	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Northern Research Supplement/ Programme de subventions à la découverte - supplément en recherche nordique	Climat et écosystèmes des mers glacées	

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Gosselin, Michel	Université du Québec à Rimouski	Sciences de la mer de Rimouski, Institut des	Québec	CANADA	20/04/2007	5	69,650	Discovery Grants Program - Northern Research Supplement/ Programme de subventions à la découverte - supplément en recherche nordique	Variabilité de la production primaire dans la baie d' Hudson et le haut Arctique canadien	
Kutz, Susan	University of Calgary	Veterinary Medicine, Faculty of	Alberta	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Northern Research Supplement/ Programme de subventions à la découverte - supplément en recherche nordique	Field investigations of ostertagia gruehneri, a pathogenic nematode of caribou	
Lovejoy, Connie	Université Laval	Biologie	Québec	CANADA	20/04/2007	5	65,800	Discovery Grants Program - Northern Research Supplement/ Programme de subventions à la découverte - supplément en recherche nordique	Diversity and gene expression in arctic microbes	
Pollard, Wayne	McGill University	Geography	Québec	CANADA	20/04/2007	5	70,000	Discovery Grants Program - Northern Research Supplement/ Programme de subventions à la découverte - supplément en recherche nordique	The biophysical significance of groundwater and ground ice in cold polar environments	
Prowse, Terry	University of Victoria	Geography	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	69,916	Discovery Grants Program - Northern Research Supplement/ Programme de subventions à la découverte - supplément en recherche nordique	Mackenzie Delta river-ice breakup	
Siciliano, Steven	University of Saskatchewan	Soil Science	Saskatchewan	CANADA	20/04/2007	5	68,740	Discovery Grants Program - Northern Research Supplement/ Programme de subventions à la découverte - supplément en recherche nordique	Contaminant transformation and toxicity in terrestrial arctic ecosystems	
Gagné, Jean-Pierre	Université du Québec à Rimouski	Sciences de la mer de Rimouski, Institut des	Québec	CANADA	20/04/2007	1	80,750	Discovery Grants Program - Ship Time/ Programme de subventions à la découverte - temps navire	Mission océanographique 2007 Estuaire et golfe Saint-Laurent	

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Gélinas, Yves	Concordia University	Chemistry and Biochemistry	Québec	CANADA	20/04/2007	1	81,400	Discovery Grants Program - Ship Time/ Programme de subventions à la découverte - temps navire	The cycles of carbon and nitrogen in the St.Lawrence estuary: constraining regional C and N budgets	
Halfar, Jochen	University of Toronto	Chemical and Physical Sciences	Ontario	CANADA	20/04/2007	1	73,780	Discovery Grants Program - Ship Time/ Programme de subventions à la découverte - temps navire	Coralline red algae as recorders of central NorthPacific/Bering sea paleoclimates	
Hannington, Mark	University of Ottawa/ Université d'Ottawa	Earth Sciences	Ontario	CANADA	20/04/2007	1	62,379	Discovery Grants Program - Ship Time/ Programme de subventions à la découverte - temps navire	SO-192 Mango: RV Sonne/ROPOS expedition to the Tonga-Kermadec Arc	
Juniper, Kim	University of Victoria	Earth and Ocean Sciences, School of	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	1	26,560	Discovery Grants Program - Ship Time/ Programme de subventions à la découverte - temps navire	Sampling from MSV John Strickland in Saanich Inlet, BC and nearby coastal waters	
Lajeunesse, Patrick	Université Laval	Études nordiques, centre d'	Québec	CANADA	20/04/2007	1	77,678	Discovery Grants Program - Ship Time/ Programme de subventions à la découverte - temps navire	Temps-navire estuaire et Golfe du Saint-Laurent	
Leys, Sally	University of Alberta	Biological Sciences	Alberta	CANADA	20/04/2007	1	150,165	Discovery Grants Program - Ship Time/ Programme de subventions à la découverte - temps navire	Strait of Georgia sponge reefs 2007	
Mercier, Annie	Memorial University of Newfoundland	Ocean Sciences Centre	Newfoundland and Labrador/ Terre- Neuve-et-Labrador	CANADA	20/04/2007	1	93,650	Discovery Grants Program - Ship Time/ Programme de subventions à la découverte - temps navire	Biogeography, biodiversity and reproductive ecology of deep-sea corals	
Roger, Andrew	Dalhousie University	Biochemistry and Molecular Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	2	238,624	EWR Steacie Fellowships/ EWR Steacie	Determining the super- kingdoms of eukaryotes	
Steinberg, Aephraim	University of Toronto	Physics	Ontario	CANADA	20/04/2007	2	169,000	EWR Steacie Fellowships/ EWR Steacie	Next-generation quantum optics experiment	
Bond, Richard	University of Toronto	Cdn Inst. for Theoretical Astrophys	Ontario	CANADA	28/05/2007	5	420,765	Gerhard Herzberg Canada Gold Medal for Science and Engineering/ Médaille d'or Gerhard-Herzberg en sciences et en génie du Canada	Gerhard Herzberg Gold Medal	

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Brassard, Gilles	Université de Montréal	Informatique et recherche opérationnelle	Québec	CANADA	11/05/2007	1	50,000	Gerhard Herzberg Canada Gold Medal for Science and Engineering/ Médaille d'or Gerhard-Herzberg en sciences et en génie du Canada	Gerhard Herzberg Gold Medal/ Award of Excellence	
Jonas, John	McGill University	Mining, Metals & Materials Engineering	Québec	CANADA	11/05/2007	1	50,000	Gerhard Herzberg Canada Gold Medal for Science and Engineering/ Médaille d'or Gerhard-Herzberg en sciences et en génie du Canada	Gerhard Herzberg Gold Medal/ Award of Excellence	
Aporta, Claudio	Carleton University	Head Office	Ontario	CANADA	14/06/2007	4	1,045,450	Government of Canada's Program for International Polar Year/ Programme du gouvernement du Canada pour l'Année polaire internationale	Inuit sea ice use and occupancy project (ISIUOP)	
Barber, David	University of Manitoba	Environment & Geography	Manitoba	CANADA	14/06/2007	4	5,939,431	Government of Canada's Program for International Polar Year/ Programme du gouvernement du Canada pour l'Année polaire internationale	The circumpolar flaw lead (CFL) system study	
Bottenheim, Jan	Environment Canada/ Environnement Canada	Atmospheric Environment Service (North York)	Québec	CANADA	14/06/2007	4	765,025	Government of Canada's Program for International Polar Year/ Programme du gouvernement du Canada pour l'Année polaire internationale	OASIS - Canada (Ocean atmosphere sea ice and snow interactions in polar regions)	
Drummond, James	University of Toronto	Physics	Ontario	CANADA	14/06/2007	4	2,378,517	Government of Canada's Program for International Polar Year/ Programme du gouvernement du Canada pour l'Année polaire internationale	The polar environment atmospheric research laboratory (PEARL) and the international arctic systems for observing the atmosphere (IASOA)	
Fisk, Aaron	University of Windsor	Great Lakes Inst. for Environmental Res. (GLIER)	Ontario	CANADA	14/06/2007	3	344,960	Government of Canada's Program for International Polar Year/ Programme du gouvernement du Canada pour l'Année polaire internationale	Feeding ecology of the Greenland shark under different ice conditions	

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François, Roger	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie- Britannique	CANADA	14/06/2007	4	1,917,401	Government of Canada's Program for International Polar Year/ Programme du gouvernement du Canada pour l'Année polaire internationale	GEOTRACES: Multi- tracer investigation of the effect of climate change on nutrient and carbon cycles in the Arctic Ocean	
Gobeil, Charles	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	14/06/2007	4	489,369	Government of Canada's Program for International Polar Year/ Programme du gouvernement du Canada pour l'Année polaire internationale	The organic carbon flux to Arctic margin sediments; redox tracers, stable isotopes and biomarkers as proxies for change	
Graupe, Shel	Vuntut Gwitchin First Nation	Head Office	Yukon	CANADA	14/06/2007	4	1,321,888	Government of Canada's Program for International Polar Year/ Programme du gouvernement du Canada pour l'Année polaire internationale	Yeendoo nanh nakhweenjit k' art' ahanahtyaa - Environmental change and traditional use of the Old Crow flats in northern Canada	
Harper, Karen	Dalhousie University	Resource & Environmental Studies, School of	Nova Scotia/ Nouvelle-Écosse	CANADA	14/06/2007	4	2,330,705	Government of Canada's Program for International Polar Year/ Programme du gouvernement du Canada pour l'Année polaire internationale	PPS Arctic Canada (present processes, past changes, spatiotemporal variability in the Arctic delimitation zone, Canada)	
Levasseur, Maurice	Université Laval	Biologie	Québec	CANADA	14/06/2007	3	348,600	Government of Canada's Program for International Polar Year/ Programme du gouvernement du Canada pour l'Année polaire internationale	A Canadian Arctic SOLAS Network	
Lewkowicz, Antoni	University of Ottawa/ Université d'Ottawa	Geography	Ontario	CANADA	14/06/2007	4	564,000	Government of Canada's Program for International Polar Year/ Programme du gouvernement du Canada pour l'Année polaire internationale	Thermal state of permafrost - A Canadian contribution to the International Permafrost Association's International Polar Year Project	

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Melling, Humfrey	Fisheries and Oceans Canada/ Pêches et Océans Canada	Institute of Ocean Sciences (PR)	Ontario	CANADA	14/06/2007	4	1,108,900	Government of Canada's Program for International Polar Year/ Programme du gouvernement du Canada pour l'Année polaire internationale	Ocean freshwaterfluxes through the Canadian archipelago (CAT)	
Montevecchi, William	Memorial University of Newfoundland	Psychology (St. John's)	Newfoundland and Labrador/ Terre- Neuve-et-Labrador	CANADA	14/06/2007	4	992,848	Government of Canada's Program for International Polar Year/ Programme du gouvernement du Canada pour l'Année polaire internationale	An early warning system using seabirds to detect ecosystem change in the High and Low Arctic	
Perrie, William	Bedford Institute of Oceanography	Head Office	Nova Scotia/ Nouvelle-Écosse	CANADA	14/06/2007	4	349,500	Government of Canada's Program for International Polar Year/ Programme du gouvernement du Canada pour l'Année polaire internationale	Impacts on severe arctic storms and climate change on arctic coastal oceanographic processes	
Reist, James	Fisheries and Oceans Canada/ Pêches et Océans Canada	Freshwater Institute	Ontario	CANADA	14/06/2007	3	1,595,500	Government of Canada's Program for International Polar Year/ Programme du gouvernement du Canada pour l'Année polaire internationale	Climate variability and change (CVC) effects on the char in the Arctic	
Russell, Don	Environment Canada/ Environnement Canada	Circumpolar Global Change Program	Québec	CANADA	14/06/2007	4	2,123,000	Government of Canada's Program for International Polar Year/ Programme du gouvernement du Canada pour l'Année polaire internationale	Starting the clock for the CARMA network: global change, resilience and human-rangifer systems of the circum Arctic	
Simard, Suzanne	University of British Columbia	Forest Sciences Centre	British Columbia/ Colombie- Britannique	CANADA	14/06/2007	2	263,852	Government of Canada's Program for International Polar Year/ Programme du gouvernement du Canada pour l'Année polaire internationale	Carbon-flux and plant- microbial community dynamics in Low-Arctic tundra	

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Sutherland, Patricia	Canadian Museum of Civilization/ Musée canadien des civilisations	Head Office	Québec	CANADA	14/06/2007	4	1,140,240	Government of Canada's Program for International Polar Year/ Programme du gouvernement du Canada pour l'Année polaire internationale	Inuit history: climatic change and historical connections in Arctic Canada, AD 1000-1900	
Walker, Anne	Environment Canada/ Environnement Canada	Meteorological Service of Canada	Québec	CANADA	14/06/2007	4	3,590,400	Government of Canada's Program for International Polar Year/ Programme du gouvernement du Canada pour l'Année polaire internationale	Variability and change in the Canadian cryosphere - Canadian contribution to the sate and fate of the polar cryosphere	
Wrona, Frederick	National Water Research Institute	Saskatoon	Ontario	CANADA	14/06/2007	4	736,198	Government of Canada's Program for International Polar Year/ Programme du gouvernement du Canada pour l'Année polaire internationale	Arctic freshwater systems: hydrology and ecology	
Baroud, Gamal	Université de Sherbrooke	Génie mécanique	Québec	CANADA	11/05/2007	1	124,645	Idea to Innovation/ De l'idée à l'innovation	Electromechanically assisted device for controlled cement delivery in bone augmentation procedures	
Benhamou, Nicole	Université Laval	Phytologie	Québec	CANADA	20/04/2007	1	117,860	Idea to Innovation/ De l'idée à l'innovation	Development of a new garlic-based strategy for plant disease control- phase 2B	
Cripton, Peter	University of British Columbia	Mechanical Engineering	British Columbia/ Colombie- Britannique	CANADA	13/06/2007	1	111,905	Idea to Innovation/ De l'idée à l'innovation	A helmet to prevent spinal cord injuries during head first impact	
Gill, Christopher	Malaspina University- College	Chemistry	British Columbia/ Colombie- Britannique	CANADA	13/06/2007	1	95,324	Idea to Innovation/ De l'idée à l'innovation	Thermally assisted membrane introduction mass spectrometry interface (TAMIMS)	
Karamanev, Dimitre	University of Western Ontario	Chemical and Biochemical Engineering	Ontario	CANADA	11/05/2007	1	125,000	Idea to Innovation/ De l'idée à l'innovation	Biokinetic, hydrodynamic and mass-transfer processes in the biogenerator	

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Kofman, Jonathan	University of Waterloo	Systems Design Engineering	Ontario	CANADA	20/04/2007	1	93,456	Idea to Innovation/ De l'idée à l'innovation	Hand-held range sensor for 3-D surface measurement without surface markers and secondary tracking devices	
MacGregor, Carolyn	University of Waterloo	Systems Design Engineering	Ontario	CANADA	20/04/2007	1	125,000	Idea to Innovation/ De l'idée à l'innovation	Development of a transformable 3D input device	
Martinu, Ludvik	École Polytechnique de Montréal	Génie physique	Québec	CANADA	20/04/2007	1	125,000	Idea to Innovation/ De l'idée à l'innovation	Interference security image structures	
Moisan, Michel	Université de Montréal	Physique	Québec	CANADA	20/04/2007	2	187,500	Idea to Innovation/ De l'idée à l'innovation	Développement de deux appareils de stérilisation par plasma à basse température et basse pression	
Pelletier, Émilien	Université du Québec à Rimouski	Sciences de la mer de Rimouski, Institut des	Québec	CANADA	20/04/2007	1	107,500	Idea to Innovation/ De l'idée à l'innovation	Valorisation nutraceutique des échinodermes	
Tremblay, Rejean	Université du Québec à Rimouski	Sciences de la mer de Rimouski, Institut des	Québec	CANADA	20/04/2007	1	125,000	Idea to Innovation/ De l'idée à l'innovation	Enrichissement des microalgues en acides gras polyinsaturés pour le domaine nutraceutique et biopharmaceutique	
Zwanziger, Josef	Dalhousie University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	1	105,913	Idea to Innovation/ De l'idée à l'innovation	Development of lead-free zero stress optic glass	
Aburukba, Raafat	University of Western Ontario	Electrical and Computer Engineering	Ontario	CANADA	13/06/2007	3	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Collaborative interlligence and media distribution in Narrowcasting Grid	
Beaulieu, Eric	Université du Québec à Montréal	Sciences biologiques	Québec	CANADA	13/06/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Calibration d'un simulateur de croissance des arbres et développement d'un module de qualité du bois	

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Bélanger, Jacky	Université Laval	Génie électrique et génie informatique	Québec	CANADA	18/04/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Contrôle coopératif spatio-temporel de véhicules aériens sans pilote avec respect de contraintes terminales	
Bernier, Anne-Pier	Université Laval	Physique, génie physique et optique	Québec	CANADA	18/04/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Développement d'un spectromètre-imageur à transformée de Fourier dans le domaine visible et détermination de gradients d'abondance dans des galaxies spirales barrées	
Boisvert, Jeff	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	13/06/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Calculating the True Anisotropic Distance	
Bolger, Benjamin	University of Waterloo	Earth Sciences	Ontario	CANADA	13/06/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Integrated Groundwater-Surface Water Modelling of the San Joaquin River Basin	
Bouchard, Marie-Louise	Université du Québec à Chicoutimi	Sciences appliquées	Québec	CANADA	13/06/2007	2	38,750	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Utilisation d'un traceur de fer pour caractériser le fonctionnement des décanteurs industriels de boues rouges	
Bravi, Rebecca	University of British Columbia	Forest Sciences Centre	British Columbia/ Colombie-Britannique	CANADA	13/06/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	DNA detection method for Tricholoma magnivelare.	
Brisson, Danya	Université Laval	Phytologie	Québec	CANADA	18/04/2007	3	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Développement d'une nouvelle biotechnologie pour la culture durable en serre: utilisation de la digestion anaérobie en bioréacteurs comme source de bioénergie, CO2 et nutriments	

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Browne, Ryan	University of Waterloo	Statistics and Actuarial Science	Ontario	CANADA	13/06/2007	3	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Identifying and prioritizing critical to quality characteristics	
Burns, Haley	St. Francis Xavier University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	13/06/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	An exploration of the intertidal and shallow subtidal fish communities of Nova Scotia's rocky shores: Investigating an unknown system.	
Cajina Herrera, Martha Maria	Université du Québec à Montréal	Chimie	Québec	CANADA	09/05/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Impact des activités anti- angiogéniques du ECO- 4601 sur un modèle d'endothélium vasculaire cérébral humain	
Carignan, Geneviève	Université du Québec à Montréal	Sciences de la terre et de l'atmosphère	Québec	CANADA	09/05/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Étude pétrographique et métallogénique des minéralisations zincifères de la propriété ``Lac Scott``, Chibougamau, Québec	
Clotuche, Sophie	Université Laval	Génie mécanique	Québec	CANADA	13/06/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Stratégie d'implantation de la Maintenance Productive Totale dans un réseau intégré d'entreprises.	
Ekinci, Tevfik Onat	École Polytechnique de Montréal	Génie mécanique	Québec	CANADA	18/04/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Élaboration d'un logiciel en vue d'assister dans la maintenance préventive d'une machine 5 axes	
El Boussaidi, Ghizlane	Université de Montréal	Informatique et recherche opérationnelle	Québec	CANADA	13/06/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Model-driven development	
Falk, Kevin	University of Manitoba	Agriculture & Food Sciences, Faculty of	Manitoba	CANADA	09/05/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Heterosis assessment for agronomic and seed quality traits in hybrid canola	

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Henderson, Laura	University of New Brunswick	Biology (Fredericton)	New Brunswick/ Nouveau-Brunswick	CANADA	09/05/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Behaviour and habitat preferences of wild age-0 lake sturgeon in a large impounded river system.	
Herdy, Kenneth	Simon Fraser University	Computing Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	An analysis of performance enhancing gml processing techniques	
Hersikorn, Blair	University of Saskatchewan	Toxicology Centre	Saskatchewan	CANADA	09/05/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Amphibian health on reclaimed oilsands mining sites	
Jazaeri, Sahar	University of Guelph	Food Science	Ontario	CANADA	09/05/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Determination of solids in fresh tomatoes and tomato paste and their influence on ketchup quality attributes.	
Juarez Dominguez, Alma Lizbeth	University of Waterloo	Computer Science, School of	Ontario	CANADA	18/04/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Detection and resolution of feature interactions in the Automotive Domain	
Kanary, Lisa	University of New Brunswick	Mathematics and Statistics - Fredericton	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2007	3	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Application of age structured model of the northumberland strait area	
Lacroix, Etienne	École de technologie supérieure	Génie mécanique	Québec	CANADA	18/04/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Modélisation du comportement dynamique d'un mélangeur planétaire sans lamelle	
Landry, Guy-Anne	Université Laval	Phytologie	Québec	CANADA	18/04/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Effets des densités de tiges sur le rendement des framboises cultivés sous grands tunnels	
Leston, Lionel	University of Manitoba	Natural Resources Institute	Manitoba	CANADA	13/06/2007	3	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Habitat Quality of Manitoba Hydro Power Lines for Grassland Birds	

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Manchuk, John	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	09/05/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Simulating permeability on unstructured grids	
McKinnon, Emily Anne	University of New Brunswick	Forestry and Environmental Management, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Reproductive success of bicknell's thrush in managed forests of new brunswick	
Nelson, Michelle	Simon Fraser University	Biological Sciences	British Columbia/ Colombie-Britannique	CANADA	09/05/2007	3	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Food webs and landscape dynamics in salmon-forest interactions	
Prud'homme, Simon	Université de Sherbrooke	Génie civil	Québec	CANADA	13/06/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Conception des pylônes haubanés sous charges du vent	
Renkema, Justin	Dalhousie University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	09/05/2007	3	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Organic management strategies for blueberry maggot in high-bush blueberries	
Sherar, Brent	University of Western Ontario	Chemistry	Ontario	CANADA	09/05/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	The influence of exposure environment on corrosion products and corrosion rates on gas transmission pipelines	
Soucy, Joël	Université du Québec en Abitibi-Témiscamingue	Sciences appliquées	Québec	CANADA	18/04/2007	3	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Utilisation des boues pour en faire des panneaux composites	
Ste-Marie, Michael	École Polytechnique de Montréal	Génie des matériaux	Québec	CANADA	09/05/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Étude et modélisation du frittage sur des pièces moulées par injection de poudres sur des alliages de nickel et d'acier inoxydable	
Syriani, Eugene	McGill University	Computer Science, School of	Québec	CANADA	13/06/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Industrial-strength Model Transformation with Programmed Triple Graph Grammars	

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Van Herk, Wim	Simon Fraser University	Biological Sciences	British Columbia/ Colombie- Britannique	CANADA	13/06/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Aversion learning in the pacific Coast wireworm, Linmonius canus LeConte and the dusky wireworm, Agriotes obscurus L. (Coleoptera:Elateridae)	
Wang, Qing	University of New Brunswick	Forestry and Environmental Management, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Prediction of wood frame shear wall and diaphragm capacities based on fastening properties	
Woodward, Ben	University of Northern British Columbia	Natural Resources & Environmtal Studies, Fac. of	British Columbia/ Colombie- Britannique	CANADA	18/04/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Value recovery study of mountain pine beetle- killed trees on lumber processing	
Zhang, Yu Ping	University of New Brunswick	Chemical Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2007	2	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Oba and dye interaction with high yield pulp fibers	
Ziadi, Adel	Université Laval	Génie électrique et génie informatique	Québec	CANADA	18/04/2007	3	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Segmentation d'images par classification adaptive des couleurs	
Badri, Mohamed Amine	Centre de recherche sur les biotechnologies marines	Siège social	Québec	CANADA	20/06/2007	2	60,000	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	Identification et quantification d'inoculants microbiens dans des produits commerciaux à base de tourbe par des approches de PCR quantitative en temps réel et de protépmique	
Dubé, Patrick	Alcan International Limited/ Alcan International Limitée	Arvida Research and Dev. Centre	Québec	CANADA	09/05/2007	2	60,000	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	Détermination de la réversion boehmitique dans le procédé Bayer	
Fei, Chuhong	A.U.G. Signals Ltd	Head Office	Ontario	CANADA	09/05/2007	2	60,000	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	Multi-sensor Polarimetric Constant False Alarm Rate Classification and Secure Embedding	

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Jomphe, Claudia	AstraZeneca (Canada)	Montreal Office	Ontario	CANADA	18/04/2007	2	60,000	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	Characterization of the roles of purinergic subtype 2 (P2X3) receptors in modulating nociceptive and neuropathic pain and the site of action of the potential P2X3 analgesic agents in rats	
Mahmud, Shohel	Sprung-brett RDI	Head Office	Ontario	CANADA	23/05/2007	2	60,000	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	Harmonic Drive System Development - Variable Reluctant Motor with Integrated Transmission	
Meddeb, Fatma	AgroTerra Biotech inc.	Siège social	Québec	CANADA	02/05/2007	2	60,000	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	Développement d'une méthode d'évolution d'enzymes	
Montgomery, Heather	Trillium Therapeutics Inc.	Head Office	Ontario	CANADA	23/05/2007	2	60,000	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	Generation of new recombinant Fc Gamma Receptor IIa proteins for anti-inflammation therapy	
Paquette, Alain	Abitibi-Consolidated Inc./ Abitibi-Consolidated inc.	Mauricie	Québec	CANADA	23/05/2007	2	60,000	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	Zonage fonctionnel (TRIADE) en Haute- Mauricie: Sylviculture intensive. Modélisation, plantation mixte et sous couvert, et écophysiologie des bouleaux blanc et jaune en sylviculture intensive	
Rakotondradany, Felaniaina	Imperial Oil Resources Ltd	Oil Sands Development & Research	Alberta	CANADA	18/04/2007	2	60,000	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	Bitumen Upgrading via Desulfurization: An Investigation Toward Bitumen Desulfurization and Reagent Regeneration	

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Rawas-Qalaji, Mutasem	QLT Inc.	Div. of Molecular Biology	British Columbia/ Colombie- Britannique	CANADA	06/06/2007	3	60,926	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	Formulation and Development of Ophthalmic Drug Delivery Technologies	
Tavakoli Zaniani, Changiz	General Electric Canada Inc./ Général électrique Canada inc.	Engineering Laboratory	Ontario	CANADA	18/04/2007	2	60,000	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	Study of the Effects of Transient Conditions (Peaking and Overload) on Hydro Electric Generators and Establishment of New Design Practices	
Zhang, Dongli	4198638 Canada Inc.	Head Office	Québec	CANADA	13/06/2007	2	60,000	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	ATM-grade Integrated Services Project within a Distributed, Scalable and Resilient MPLS and QoS	
Zhang, Hui	Innovative BioCeramix Inc.	Head Office	British Columbia/ Colombie- Britannique	CANADA	25/04/2007	2	61,552	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	NanoStructure Drug Eluting Bioglass Film For Dental and Orthopedic Applications	
Andrews, Robert	University of Toronto	Civil Engineering	Ontario	CANADA	20/04/2007	5	764,997	Industrial Research Chairs/ Professeurs-chercheurs industriels	NSERC Industrial Research Chair in Drinking Water Research	
Basu, Anup	University of Alberta	Computing Science	Alberta	CANADA	11/05/2007	5	509,500	Industrial Research Chairs/ Professeurs-chercheurs industriels	NSERC/Castle Rock Research Industrial Research Chair in Perceptually Adaptive Multimedia	
Ghoussoub, Nassif	University of British Columbia	Pacific Institute for the Mathematical Sciences	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	4	2,340,000	Major Facilities Access Grants/ Subventions d'accès aux installations majeures	Banff International Research Station	
Beauchamp, Benoît	University of Calgary	Geology and Geophysics	Alberta	CANADA	20/04/2007	5	500,000	Major Resources Support Program/ Programme d'appui aux ressources majeures	Kluane Lake Research Station	
Bégin, Yves	Université Laval	Géographie	Québec	CANADA	20/04/2007	5	528,300	Major Resources Support Program/ Programme d'appui aux ressources majeures	Station de recherche de Whapmagoostui- Kuujjuarapik	

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Blais, Jules	University of Ottawa/ Université d'Ottawa	Biology	Ontario	CANADA	20/04/2007	5	375,000	Major Resources Support Program/ Programme d'appui aux ressources majeures	Laboratory for the analysis of natural and synthetic environmental toxics	
Bundle, David	University of Alberta	Chemistry	Alberta	CANADA	20/04/2007	5	550,000	Major Resources Support Program/ Programme d'appui aux ressources majeures	NANUC: a national facility for high field NMR resource for applications in chemistry	
Carreau, Pierre	École Polytechnique de Montréal	Génie chimique	Québec	CANADA	20/04/2007	3	561,870	Major Resources Support Program/ Programme d'appui aux ressources majeures	Laboratoire industriel de mise en oeuvre de polymères 2006	
Clark, Ian	University of Ottawa/ Université d'Ottawa	Earth Sciences	Ontario	CANADA	20/04/2007	5	441,850	Major Resources Support Program/ Programme d'appui aux ressources majeures	Hatch lab: isotope and noble gas geochemistry for earth and environmental sciences	
Colman, Brian	York University	Biology	Ontario	CANADA	20/04/2007	5	216,150	Major Resources Support Program/ Programme d'appui aux ressources majeures	Canadian Phycological Culture Centre: a facility supporting research on algae and cyanobacteria	
Demers, Serge	Université du Québec à Rimouski	Sciences de la mer de Rimouski, Institut des	Québec	CANADA	20/04/2007	1	52,700	Major Resources Support Program/ Programme d'appui aux ressources majeures	Navire de recherche océanographique: Coriolis II	
Gehring, Kalle	McGill University	Biochemistry	Québec	CANADA	20/04/2007	5	360,200	Major Resources Support Program/ Programme d'appui aux ressources majeures	Quebec/Eastern Canada high field NMR facility	
Hampson, Elizabeth	University of Western Ontario	Psychology	Ontario	CANADA	20/04/2007	3	172,890	Major Resources Support Program/ Programme d'appui aux ressources majeures	A behavioural neuroendocrinology laboratory at the University of Western Ontario	
Heaman, Larry	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	20/04/2007	5	450,000	Major Resources Support Program/ Programme d'appui aux ressources majeures	Infrastructure support for the Canadian Center for Innovative Geochronology	
Henein, Hani	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	20/04/2007	1	254,530	Major Resources Support Program/ Programme d'appui aux ressources majeures	Resource for the Innovation of Engineering Materials	

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Kieffer, Jean-Claude	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	20/04/2007	1	250,110	Major Resources Support Program/ Programme d'appui aux ressources majeures	Access to the National Advanced Laser Light Source Facility	
McAdams, Stephen	McGill University	Schulich School of Music	Québec	CANADA	20/04/2007	2	115,260	Major Resources Support Program/ Programme d'appui aux ressources majeures	Centre for Interdisciplinary Research in Music Media and Technology (CIRMMT)	
Mittler, Silvia	University of Western Ontario	Physics and Astronomy	Ontario	CANADA	20/04/2007	3	302,550	Major Resources Support Program/ Programme d'appui aux ressources majeures	The South West Ontario Nanotechnology Facility (SWONTF)	
Moineau, Sylvain	Université Laval	Biochimie et Microbiologie (Fac. sc. et génie)	Québec	CANADA	20/04/2007	5	144,100	Major Resources Support Program/ Programme d'appui aux ressources majeures	Félix d'Hérelle reference center for bacterial viruses	
Murray, Norman	University of Toronto	Cdn Inst. for Theoretical Astrophys	Ontario	CANADA	20/04/2007	5	5,500,000	Major Resources Support Program/ Programme d'appui aux ressources majeures	Canadian Institute for Theoretical Astrophysics/Institut Canadian d'astrophysique theorique	
Preston, John Stewart	McMaster University	Engineering Physics	Ontario	CANADA	20/04/2007	1	300,000	Major Resources Support Program/ Programme d'appui aux ressources majeures	Brockhouse institute	
Ryan, Dominic	McGill University	Physics	Québec	CANADA	20/04/2007	5	6,590,000	Major Resources Support Program/ Programme d'appui aux ressources majeures	Canadian neutron beam laboratory	
Sénéchal, David	Université de Sherbrooke	Physique	Québec	CANADA	20/04/2007	5	10,000,000	Major Resources Support Program/ Programme d'appui aux ressources majeures	The Compute/Calcul Canada (CC)	
Tunnicliffe, Verena	University of Victoria	Biology	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	2,045,790	Major Resources Support Program/ Programme d'appui aux ressources majeures	VENUS: Victoria experimental network under the sea	
Weis, Dominique	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	384,200	Major Resources Support Program/ Programme d'appui aux ressources majeures	Pacific centre for isotopic and geochemical research	
White, Mary Anne	Dalhousie University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	5	432,250	Major Resources Support Program/ Programme d'appui aux ressources majeures	Atlantic Regional Facilities for Materials Characterization	

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Wolfe, Brent	Wilfrid Laurier University	Research, Office of	Ontario	CANADA	13/06/2007	5	531,361	Northern Research Chair Program/ Programme de chaires de recherche nordique	Northern Hydroecology - Past and Present	
Alberico, Dino	Université de Montréal	Chimie	Québec	CANADA	02/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Asymmetric Synthesis of Aminocyclopropane Carboxylic Acid Precursors	
Astefanesei, Dumitru	Tokyo Institute of Technology	Physics		JAPAN/ JAPON	23/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	New aspects of black holes physics in string theory	
Baudet, Marie-Laure	University of Cambridge	Physiology		UNITED KINGDOM/ ROYAUME- UNI	16/05/2007	2	90,000	Postdoctoral Fellowships/ Bourses postdoctorales	Aging and Growth Cone Responsiveness: the Role of Clock MicroRNAs	
Beaulac, Rémi	University of Washington	Chemistry	Washington	UNITED STATES/ ÉTATS-UNIS	06/06/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Spectroscopie de nanocristaux de semiconducteurs magnétiquement dopés	
Black, Daniel	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	02/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	New Methods in Cross- Coupling	
Bouchard, Mathieu	Université Laval	Sciences du bois et de la forêt	Québec	CANADA	02/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Perturbations naturelles et aménagement écosystémique dans la côte-nord québec	
Brady, Siobhan	Duke University	Biology	North Carolina/ Caroline du Nord	UNITED STATES/ ÉTATS-UNIS	02/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Tissue-specific transcriptional networks in arabidopsis thaliana	
Brown, Jeremy	University of Toronto	Medical Biophysics	Ontario	CANADA	18/04/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	The Development of High- Frequency Ultrasound Transducers for Medical Imaging	
Brusso, Jaclyn	McGill University	Chemistry	Québec	CANADA	02/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Self-Assembly Approach to two-dimensional conjugated polymers	
Bystriansky, Jason	University of Illinois at Chicago	Biochemistry and Molecular Genetics	Illinois	UNITED STATES/ ÉTATS-UNIS	06/06/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Role of the beta subunit in regulation of sodium pump trafficking in salt transporting epithelia	

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Challagulla, Krishna	McGill University	Mechanical Engineering	Québec	CANADA	06/06/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Component design and non-destructive structural health of aerospace structures through the use of smart composites	
Chan, O-Yeat	Dalhousie University	Mathematics and Statistics	Nova Scotia/ Nouvelle-Écosse	CANADA	13/06/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Analogues of multiple zeta-functions of arbitrary depth	
Cipot, Judy	Queen's University	Chemistry	Ontario	CANADA	06/06/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Development of fibre- optic sensors for on-site Monitoring of heavy Metal Contaminants	
Conrad, Jay	Princeton University	Chemistry	New Jersey	UNITED STATES/ ÉTATS-UNIS	18/04/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Late transition metal phosphinimide catalyst for olefin polymerization	
Cook, Charles	University of Lethbridge	Psychology and Neuroscience	Alberta	CANADA	25/04/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Investigating the psychometric and neurophysiological bases of sex differences in na vigation in neurologically normal individuals	
Cui, Jie	University of Texas Medical School at Houston	School of Health Information Sciences	Texas	UNITED STATES/ ÉTATS-UNIS	02/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Time-frequency analysis of attention-related dynamic activities in visual cortex	
Desjardins, Julie	Stanford University	Biological Sciences	California/ Californie	UNITED STATES/ ÉTATS-UNIS	13/06/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Social regulation of neural circuits	
Doyon, Nicolas	McGill University	Physics	Québec	CANADA	18/04/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Déterminer la structure des synapses du système nerveux central à l'aide de l'analyse de bruit	
Dubash, Neville	University of British Columbia	Mathematics	British Columbia/ Colombie- Britannique	CANADA	06/06/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Behaviour of bubbles in viscoplastic fluids	

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Dyker, Adam	University of California - Riverside	Chemistry	California/ Californie	UNITED STATES/ ÉTATS-UNIS	02/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Electronically tuning the radical character of phosphorus-boron1,3- diradicals	
Gordy, James	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	23/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Echo Cancellation and Audio Enhancement for Wideband VoIP	
Gravel, Dominique	McGill University	Biology	Québec	CANADA	13/06/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	La théorie des méta- écosystèmes : un cadre conceptuel pour une compréhension spatiale et multi-trophique des grands changements environnementaux	
Hamam, Fayez	Dalhousie University	Food Science & Technology	Nova Scotia/ Nouvelle-Écosse	CANADA	20/06/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Structured Lipids in Health promotion	
Handrigan, Gregory	University of British Columbia	Oral Biological and Medical Science	British Columbia/ Colombie- Britannique	CANADA	23/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	The molecular bases for sucedaneous tooth formation in squamated and evolutionary tooth loss in birds	
Kaniuk, Natalia	Hospital for Sick Children	Cell Biology	Ontario	CANADA	06/06/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	The role of small GTP- binding proteins in phagosome maturation	
Karagiozis, Konstantinos	University of Illinois at Urbana-Champaign	Mechanical & Industrial Engineering	Illinois	UNITED STATES/ ÉTATS-UNIS	16/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Nonlinear dynamics and stability of cylindrical structures to flowing fluid and force excitation	
Karimi Ghartemani, Masoud	Queen's University	Electrical and Computer Engineering	Ontario	CANADA	02/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Revisiting Concepts of Powers in Power systems	
Kim, Wook	Tufts University	Molecular Biology & Microbiology	Massachusetts	UNITED STATES/ ÉTATS-UNIS	06/06/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Unravelling the functional genome of Pseudomonas fluorescens in the soil environnement	

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Kim, Yail (Jimmy)	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	16/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Innovative strengthening of deteriorated concrete structures with advanced composite materials	
Landry, Christian	Université de Montréal	Biochimie	Québec	CANADA	18/04/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Evolution of protein interactions: molecular constraints imposed by the interacting partners	
Li, Guangming	Case Western Reserve University	Macromolecular Science and Engineering	Ohio	UNITED STATES/ ÉTATS-UNIS	18/04/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Supercritical co2 assisted coextrusion process for polymer microlayer nanolayer	
Li, Meishen	University of Waterloo	Mechanical Engineering & Mechatronics	Ontario	CANADA	02/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Modelling spray cooling in high-heat-flux microelectronic systems coupled with MEG model for initial droplet size and velocity distributions	
Lu, Xianfeng	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie- Britannique	CANADA	02/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Plasma assisted synthesis of ultrananocrystalline diamond films for mems applications	
Luo, Yichun	SRI International	Physical Sciences Division	California/ Californie	UNITED STATES/ ÉTATS-UNIS	02/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Long Lifetime Blue Emitting Organic Electroluminescent Devices	
Martin, Diane	University of British Columbia	Wine Research Centre	British Columbia/ Colombie- Britannique	CANADA	16/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Metabolite Profiling, Molecular Biology and Biochemistry of Flavour and Aroma Pathways in Developing Flowers and Berries of Vitis vinifer	
Martinez, Gilberto	École Polytechnique de Montréal	Génies Civil, géologique et des mines	Québec	CANADA	18/04/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Connections to circular hollow section braces under cyclic loading	

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Masuda, Arianne	University of Ottawa/ Université d'Ottawa	Mathematics and Statistics	Ontario	CANADA	06/06/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Algebraic and Number- Theoretical Aspects of Cryptography and Coding Theory	
Misra, Subhas	State University of New York at Buffalo	Computing & Info. Technology	New York	UNITED STATES/ ÉTATS-UNIS	25/04/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Quality Engineering and Management in Agile Software Development	
Mongrain, Valérie	McGill University	Psychiatry	Québec	CANADA	02/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Regulation tissu- spécifique de l'expression du gène de l'horloge bmall par les récepteurs nucléaires orphelins de type ror	
Pettigrew, Jeremy David	Ohio State University	Chemistry	Ohio	UNITED STATES/ ÉTATS-UNIS	02/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Studies towards the total synthesis of pseudolaric acid A	
Piché, Simon	Université des Sciences et Technologies de Lille I	Catalyse et de Chimie du Solide		FRANCE	02/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Effet de l'eau sur la cinétique de la réaction de Fischer-Tropsch dans un réacteur catalytique	
Poburko, Damon	University of Geneva/ Université de Genève	Cell Physiology and Metabolism		SWITZERLAN D/ SUISSE	20/06/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	The chemiosmotic theory revisited: real-time regulation of mitochondrial pH gradients in live cells	
Poulain, Alexandre	Massachusetts Institute of Technology	Biology	Massachusetts	UNITED STATES/ ÉTATS-UNIS	06/06/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Diversity of iron- oxidizing phototrophs and their environmental importance in carbon and iron biogeochemistry	
Power, Krista	Turun Yliopisto	Head Office		FINLAND/ FINLANDE	16/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Phytoestrogens estrogen receptors and breast cancer the molecular and cellular mechanisms of action	

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Riabina, Daria	Université de Montréal	Physique	Québec	CANADA	06/06/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Synthèse et caractérisation de nanoparticules pour les applications biomédicales	
Ristic, Sasa	University of California - Santa Barbara	Electrical and Computer Engineering	California/ Californie	UNITED STATES/ ÉTATS-UNIS	18/04/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Quantum coupled well modulators	
Saeedkia, Daryoosh	McMaster University	Engineering Physics	Ontario	CANADA	16/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Design and Implementation of a Dual- Mode Terahertz Spectrometer and Imager Based on Continuous- Wave and Pulse Terahertz Photoconductive and Superconductive Sources and Detectors	
Sanowar, Sarah	University of Washington	Genome Sciences	Washington	UNITED STATES/ ÉTATS-UNIS	02/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Biochemical and structural insights into the role of the salmonella type III secretion system secretin InvG	
Sardina, Sebastian	RMIT University	Head Office		AUSTRALIA/ AUSTRALIE	25/04/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Learning and planning in BDI agents	
Schertzer, Jonathan	Hospital for Sick Children	Cell Biology	Ontario	CANADA	23/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Identifying novel regulators of glucose transport	
Scott, Mark	Princeton University	Chemistry	New Jersey	UNITED STATES/ ÉTATS-UNIS	06/06/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Development of a Chiral Lewis Acid-Catalyzed Asymmetric Baylis- Hillman Reaction of Ester Equivalents	
Soheilnia, Navid	University of California - Berkeley	Chemistry	California/ Californie	UNITED STATES/ ÉTATS-UNIS	06/06/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Hydrogen storage in metal- organic framework	
Sorge, Robert	McGill University	Pharmacology and Therapeutics	Québec	CANADA	16/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	The contribution of DeltaFosB to nicotine addiction in rats	
Taylor, Marcia	University of Geneva/ Université de Genève	Head Office		SWITZERLAN D/ SUISSE	02/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Heterogenous ER to golgi transport	

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Telichev, Igor	University of Waterloo	Mechanical Engineering & Mechatronics	Ontario	CANADA	02/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Multiscale modeling & optimization of mechanical response of multifunctional materials for light-weight armor	
Thiemann, Gregory	University of Alberta	Biological Sciences	Alberta	CANADA	18/04/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Ecological role of top predators in western arctic webs	
Vella, Sarah	Harvard University	Chemistry & Chemical Biology	Massachusetts	UNITED STATES/ ÉTATS-UNIS	06/06/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Synthetic Molecular Motors and Machines	
Walsh, David	University of British Columbia	Microbiology and Immunology	British Columbia/ Colombie-Britannique	CANADA	25/04/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Environmental genomic analysis of microbial diversity in saanich inlet	
Wild, Geoffrey	University of Western Ontario	Applied Mathematics	Ontario	CANADA	16/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Modelling experimental evolution	
Yager, Kevin	National Institute of Standards and Technology	Polymers Division	Maryland	UNITED STATES/ ÉTATS-UNIS	18/04/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Nanocomposites as Novel Sensors	
Zhang, Yongqin	York University	Earth and Space Science and Engineering	Ontario	CANADA	23/05/2007	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Retrieving forest biophysical parameters from hyperspectral and multi-angle remote sensing	
Abgrall, Marie-Josée	University of New Brunswick	Biology (Saint John)	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Effects of organic matter and hydrogen sulfide on habitat selection behaviour, and resuspension of larvae and post-larvae of the softshell clam mya arenaria	
Adankon, Mathias	École de technologie supérieure	Génie de la production automatisée	Québec	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Apprentissage semi-supervise des machines à vecteurs de support et applications	
Addison, BriAnne	University of Missouri - St. Louis	Biology	Missouri	UNITED STATES/ ÉTATS-UNIS	25/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Ecophysiology of maternal yolk antibody allocation and offspring immunity	

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Addison, Christopher	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Spectroscopic characterization of luminescent lanthanide chelates for use in DNA array technology	
Ahmad, Shohan	University of Western Ontario	Civil and Environmental Engineering	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Spatial and temporal risk assessment for water resources decision making	
Alfaro, Gabriel	Simon Fraser University	Molecular Biology & Biochemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Integration of cholesterol homeostasis and cell polarity by oxysterol binding proteins	
Alibeik, Sara	McMaster University	Engineering, Faculty of	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Biomedical engineering	
Alimardani, Masoud	University of Waterloo	Mechanical Engineering & Mechatronics	Ontario	CANADA	02/05/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Adaptive process and path planning for laser solid freeform fabrication of heterogeneous structures	
Anderson, James Stewart Murray	McMaster University	Chemistry	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Accurate determination of molecular electronic structure: chasing the theoretical limit of computational efficiency	
Arafin, Muhammad Ashraf	McGill University	Mining, Metals & Materials Engineering	Québec	CANADA	18/04/2007	3	73,500	Postgraduate Scholarships D/ Bourses d'études supérieures D	Transient liquid phase (TLP) bonding of nickel superalloys and stainless steels: kinetic and computational thermodynamic modeling coupled with experimental investigations	
Aristizabal, Felipe	McGill University	Chemical Engineering	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	particle-fluid interaction in nanofluids: A comprehensive study	

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Armstrong, Gary	Queen's University	Biology	Ontario	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Cellular mechanisms for stress-protection of neural circuits	
Asanuma, Hidehiko	Simon Fraser University	Chemistry	British Columbia/ Colombie- Britannique	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Bioreactive semiconductor surfaces: preparation and characterization	
Ascah, Alexis	Université de Montréal	Kinésiologie	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Développement de la vulnérabilité mitochondriale au stress au cours de l'hypertrophie cardiaque induite par surcharge volumique : rôle du pore de perméabilité transitionnelle (pore)	
Azizi, Seyyedmohsen	Concordia University	Electrical and Computer Engineering	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Fault diagnosis, isolation and recovery (FDIR) in formation control of satellite constellation	
Bainard, Luke	University of Guelph	Integrative Biology	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Role of allelochemicals in the inhibitory effect of invasive mustard plants on arbuscular mycorrhizal fungi.	
Baker, Krista	Memorial University of Newfoundland	Biology	Newfoundland and Labrador/ Terre- Neuve-et-Labrador	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Deep-sea diversity and conservation off newfoundland and labrador	
Ball, Jeffrey	University of Alberta	Biological Sciences	Alberta	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Impacts of linear features on the fecundity of boreal forest songbirds	
Barua, Sajib	University of Calgary	Computer Science	Alberta	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Multiagent-based approach for detecting spatial outliers	

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Bavarian, Sara	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie- Britannique	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	On the applications of reduced-complexity belief propagation in wireless communications systems	
Bayat, Khadijeh	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Integrated photonic crystal slab technology based on low temperature amorphous silicon oxy- nitride thin films	
Bernier, Jerome	University of Alberta	Agricultural, Food & Nutritional Sc	Alberta	CANADA	13/06/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Fine-mapping and characterization of drought-resistance QTL	
Bernier, Pierre-Michel	Université de la Méditerranée	Faculté des Sciences du Sport		FRANCE	25/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Role of visual and proprioceptive afferents in sensori-motor adaptation	
Bichai, Françoise	École Polytechnique de Montréal	Génies Civil, géologique et des mines	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Risque sanitaire lié à l'occlusion comme mécanisme de protection des microorganismes dans la désinfection de l'eau potable par rayonnement ultraviolet	
Boc, Alix	Université du Québec à Montréal	Informatique	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Méthodes pour inférer et classifier les réseaux phylogénétiques et leurs applications à l'étude de l'évolution des virus	
Borkent, Christopher	McGill University	Natural Resource Sciences	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Systematics and phylogeny of the genus leptomorphus (diptera: mycetophilidae)	

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Bouchard, Hugo	Université de Montréal	Physique	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Development d'une technique mixte de faiceaux modules a partir de la methode monte carlo applique a un prototype de collimateur multilames a electons	
Boulais, Jonathan	Université de Montréal	Pathologie et biologie cellulaire	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Étude du rôle des granules d'arnm sur le mécanisme de la phagocytose chez la drosophile	
Boyd, Heather	University of Calgary	Biological Sciences	Alberta	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Regime shifts in shallow lakes	
Brock, Bronwyn	University of Waterloo	Earth Sciences	Ontario	CANADA	02/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Present and past hydrology of the slave river delta, northwest territories, using water isotope tracers	
Brodeur, Nathalie	Université Laval	Biologie	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Characterisation of the heritability of trophic polymorphism in wild lacustrine brook charr (salvelinus fontinalis m.)	
Brown, Carissa	University of Saskatchewan	Biology	Saskatchewan	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Abiotic mechanisms of community transition: ecosystem resilience in northern forests	
Cabana, Janie	Université de Montréal	Chimie	Québec	CANADA	02/05/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Fonctionnalisation covalente des nanotubes de carbone: application aux nanotubes double parois et étude de réversibilité	

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Cameron, Rory	University of Ottawa/ Université d'Ottawa	Chemical Engineering	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Development of a heap bioleaching process for nickel production from low-grade canadian ores	
Campbell, Genevieve	Max-Planck Institute for Evolutionary Anthropology	Primatology, Dept of		GERMANY/ ALLEMAGNE	02/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Meta-analysis of ape survey data using the a.p.e.s. database and development of approaches to prioritize conservation efforts	
Careau, Vincent	Université de Sherbrooke	Biologie	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Métabolisme, tempérament, mise en réserve et hibernation chez le tamia rayé	
Carpenter, Jeffrey	University of British Columbia	Civil Engineering	British Columbia/ Colombie- Britannique	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Instability and mixing in asymmetric stratified shear layers	
Celikyilmaz, Fethiye Asli	University of Toronto	Mechanical & Industrial Eng.	Ontario	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Development of fuzzy system models with fuzzy functions	
Chalifoux, Wesley	University of Alberta	Chemistry	Alberta	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Synthesis and study of extended polyynes	
Chan, Catherine	University of Calgary	Biological Sciences	Alberta	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Binding specificity of redox enzyme chaperones of the twin-arginine translocation system	
Chan, Iain	York University	Physics and Astronomy	Ontario	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Measurement of atomic g factor ratios using laser cooled Rb atoms	
Chaytor, Rhonda	Memorial University of Newfoundland	Computer Science	Newfoundland and Labrador/ Terre- Neuve-et-Labrador	CANADA	13/06/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Privacy protection in a pan-Canadian health network	
Chen, Yu	University of Waterloo	Computer Science, School of	Ontario	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Solving geometric problems in space- conscious models	

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Cheng, Tsz Hang Tommy	University of British Columbia	Chemical and Biological Engineering	British Columbia/ Colombie- Britannique	CANADA	13/06/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Electroposition of nano- particles on three- dimensional electrodes for direct methanol fuel cells	
Chow, Michael	University of British Columbia	Microbiology and Immunology	British Columbia/ Colombie- Britannique	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The development and function of cd8+cd122+t regulatory cells	
Colla, Sheila	York University	Biology	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Conservation of north american bumblebees	
Convert, Laurence	Université de Sherbrooke	Génie électrique et génie informatique	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Système microfluidique d'analyse sanguine en temps réel pour l'imagerie moléculaire chez le petit animal	
Coutts, Christopher Alexander	University of Alberta	Biological Sciences	Alberta	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Development of zebrafish skeletal muscle excitability	
Da Silva, Rosa	University of Toronto	Biology (Erindale)	Ontario	CANADA	02/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	the association and influence of neurochemicals at the spermthec of the african migratory locust locusta migratoria	
Dare, Emma	University of Ottawa/ Université d'Ottawa	Cellular and Molecular Medicine	Ontario	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Genipin cross-linked fibrin hydrogels for human articular cartilage regeneration	
Davies, Trevor	Dalhousie University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	02/05/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Using state-space movement models to understand shark foraging behaviour, migration patterns, and species interactions in the open ocean	

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Dawe, Kimberly	University of Alberta	Biological Sciences	Alberta	CANADA	02/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Industry development or climate change? mechanisms that promote northward expansion of white-tailed deer	
De Lafontaine, Guillaume	Université Laval	Biologie	Québec	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Origine et dynamique des populations subalpines d'épinette blanche (picea glauca)	
Dedic, Renato	Université de Sherbrooke	Mathématiques	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The surface roughness trough photoclinometry	
Depew, David	University of Waterloo	Biology	Ontario	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Interactions of benthic and pelagic plant communities in the laurentian great lakes	
Descôteaux, Caroline	Université du Québec à Trois-Rivières	Chimie-biologie	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Conception de nouveaux composés anticancéreux: synthèse analyse biologique et modelage moléculaire	
Dextraze, Marie-Eve	Université de Sherbrooke	Radiologie diagnostique	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Effet de la conformation et la séquence sur la radiosensibilisation de l'ADN par les 5- halodéoxyuridines	
Digweed, Shannon	University of Lethbridge	Psychology and Neuroscience	Alberta	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The function and mechanisms of alarm vocalizations in the red squirrel, tamiasciurus hudsonicus	
Dillabaugh, Craig	Carleton University	Computer Science, School of	Ontario	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Improving R-Tree performance for window queries in GIS applications with frequent panning/zooming	

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Dimitrova, Rozalina	University of Western Ontario	Civil and Environmental Engineering	Ontario	CANADA	13/06/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Geotechnique and physico-chemical behaviour of mine tailings under cyclic loading	
Dion, Amélie	Université de Sherbrooke	Chimie	Québec	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Synthèse totale de la quassine utilisant une stratégie de diels-alder à diènes transmissible	
Dominguez, Maria de la Cruz	Université de Montréal	Médecine vétérinaire, faculté de	Québec	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Usefulness of an experimental mouse model of infection for the understanding of the development of both septicemia and meningitis caused by streptococcus suis serotype 2	
Dostie, Valérie	Université de Montréal	Psychologie	Québec	CANADA	09/05/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	La contribution du sommeil dans la consolidation de l'apprentissage moteur : une étude IRMF	
Du, Gengshen	University of Calgary	Computer Science	Alberta	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Intelligent decision support for wicked planning problems	
Dubé, Audrey	Université de Sherbrooke	Biochimie	Québec	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Analyse protéomique d'un ARN infectieux modèle: de viroïde de la mosaïque latente du pêcher	
Duchesne, David	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	09/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Integrated wavelength converters based on a novel nanowire technology	
Dumas, Aaron	University of Waterloo	Chemistry	Ontario	CANADA	02/05/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Diels-alder/friedel-crafts sequence for the preparation of ergot alkaloids	

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Dupuis, Alexandre	École Polytechnique de Montréal	Génie physique	Québec	CANADA	02/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Source thz tout-fibre	
Edler, Karl	University of Manitoba	Physics & Astronomy	Manitoba	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Spherical harmonic inductive detection coils for use in magnetic resonance imaging	
Edwards, Katherine Anne	University of Toronto	Ecology & Evolutionary Biology	Ontario	CANADA	02/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Soil microbial, nutrient, and plant growth dynamics in arctic wet sedge meadows	
Elford, Tim	University of Alberta	Chemistry	Alberta	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Acid catalyzed allylboration reaction towards trisubstituted five-membered lactones	
Ericsson, Jerry	Simon Fraser University	Biological Sciences	British Columbia/Colombie-Britannique	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	the biological effects of virus exposure on insect immune systems.	
Favé, Marie-Julie	McGill University	Biology	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The ecological basis of developmental change in the gene network underlying wing polyphenism in ants	
Fawcett, Skya	Queen's University	Geological Sciences and Geological Engineering	Ontario	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Speciation and mobility of antimony and arsenic in sediment, pore-water and surface water in the region of the giant mine, yellowknife	
Fekecs, André	Université de Sherbrooke	Génie mécanique	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Nouveau dispositif pour l'imagerie du myocarde : conception, fabrication et caractérisation d'un filtre de cohérence	
Feldman, Rebecca	University of Western Ontario	Medical Biophysics	Ontario	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	photoréfractif rapide. Localized surface gradient coil for carotid plaque composition identification	

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Fischer, Steve	University of Waterloo	Kinesiology	Ontario	CANADA	02/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Biomechanical model to determine the risk of developing shoulder musculoskeletal injuries in the workplace	
Fouladi Azarnaminy, Siamak	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Intelligent MEMS	
Gagnon, François	Carleton University	Computer Science, School of	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Using artificial intelligence techniques to reduce the number of false alarms in intrusion detection systems	
Gardner, Alex	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Modeling of past, current, and future canadian high arctic regional glacier mass balance and its contribution to sea level	
Garrett, Michael	University of Calgary	Physics and Astronomy	Alberta	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Universality of imperfect cluster states	
Gauthier, Andrée	University of Toronto	Molecular and Medical Genetics	Ontario	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Molecular mechanism in neural development and cognitive disorders	
Gauthier, Julie	Institut national de la recherche scientifique	INRS-Institut Armand- Frappier	Québec	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Développement d'un modèle in vitro à l'aide d'hépatocytes humains pour l'étude du métabolisme de stéroïdes anabolisants par spectrométrie de masse	
Geary, Laina	University of Manitoba	Chemistry	Manitoba	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Methodology development towards automated asymmetric synthesis using a flourous chiral support	

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Gill, Daphne	University of Prince Edward Island	Biomedical Sciences	Prince Edward Island/ Île-du-Prince- Édouard	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Mechanics of altered central nervous system excitability following perinatal kainate receptor activation	
Girard, Matthieu	Université de Sherbrooke	Génie chimique	Québec	CANADA	02/05/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Traitement d'un mélange gazeux de composés soufrés réduits et de composés organiques volatiles par biofiltration	
Girouard, Audrey	Tufts University	Computer Science	Massachusetts	UNITED STATES/ ÉTATS-UNIS	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Evaluating human computer interactions through mental workload using fNIRS	
Glenn, Aaron	University of Manitoba	Soil Science	Manitoba	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Influence of agricultural management practices on soil greenhouse gas emissions	
Goldsbury (Nering), Robin	University of Lethbridge	Psychology and Neuroscience	Alberta	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Functional recovery and the effect of neurotrophic and experiential factors on juvenile rats with cortical lesion	
Goulet, Grant Carr	University of Calgary	Mechanical & Manufacturing Engineering	Alberta	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The influence of interstitial fluid flow on the functional adaptation of bone	
Graham, Kevin	McMaster University	Materials Science and Engineering	Ontario	CANADA	02/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Integrated Ladle Metallurgy Control	
Grant, David	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie- Britannique	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Application synthesis for a spatial computing architecture	
Green, Stephen	University of Chicago	Physics	Illinois	UNITED STATES/ ÉTATS-UNIS	06/06/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Quantum energy inequalities for interacting quantum fields in curved spacetime	

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Grenier, Marc	Université Laval	Génie électrique et génie informatique	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Utilisation conjointe de la thermographie infrarouge et des courants de foucault pour le controle non destructif des matériaux	
Griffiths, Natalie	University of Notre Dame	Biological Sciences	Indiana	UNITED STATES/ ÉTATS-UNIS	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The role of agricultural land-use on carbon cycling in midwestern headwater streams	
Grigg, Jason	University of British Columbia	Microbiology and Immunology	British Columbia/ Colombie-Britannique	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Heme binding and transport by the staphylococcus aureus isd system	
Gubanov, Oleg	McGill University	Mechanical Engineering	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Characterization and enhancement of mixing generated by the interaction of coherent vortical structures	
Guérard, Katherine	Université Laval	Psychologie, École de	Québec	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Au-delà du traitement de l'ordre : l'équivalence fonctionnelle entre le traitement de l'information verbale et spatiale tient-elle toujours	
Guillot, Dominique	Université Laval	Mathématiques et statistique	Québec	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Image numérique et calcul fonctionnel Hilbertien	
Hamilton, Lisa Dawn	University of Texas at Austin	Psychology	Texas	UNITED STATES/ ÉTATS-UNIS	02/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Effect of stress on endocrine and autonomic nervous system function related to female sexuality	

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Harvey, Jean-Philippe	École Polytechnique de Montréal	Génie chimique	Québec	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Nouveau modèle thermodynamique pour décrire l'ordonnement à courte longue distance des solutions solides métalliques / applications aux domaines automobile et aérodynamique	
Hays, Chris	Michigan State University	Mathematics	Michigan	UNITED STATES/ ÉTATS-UNIS	25/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	PGS Proposal - 2006	
Hettinga, Blayne	University of Calgary	Kinesiology, Faculty of	Alberta	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Mechanical function of toes	
Ho, Victor Wing Heng	University of British Columbia	Medicine, Faculty of	British Columbia/ Colombie-Britannique	CANADA	02/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Myeloid suppression of th1 Response in cancer	
Hogan, Chad	University of Calgary	Geology and Geophysics	Alberta	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Full wavefield seismic imaging	
Hollett, Joshua	Memorial University of Newfoundland	Chemistry	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Electron Correlation, Hartree-Fock, Computational Chemistry, Theoretical Chemistry	
Horne, Andrew	University of British Columbia	Cellular & Physiological Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Voltage-clamp fluorimetry of drug-induced changes in protein conformation associated with activation and inactivation fo kv1.5	
Hornyak, Stephanie	York University	Psychology (Atkinson College)	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The role of the hippocampus in recent and remote spacial memories within an expertise population.	

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Huard, Benoit	Université de Montréal	Mathématiques et de statistique	Québec	CANADA	09/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Sur les solutions de rang k décrites par les systèmes multidimensionnels de types hydrodynamiques	
Huck, Lawrence	McMaster University	Chemistry	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Mechanistic studies of germylene and digermene reactivity	
Hudson, Dwight	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Improving crop yield by altering native gene expression: Molecular analysis of N-associated GATA transcription factors which alter sugar sensitivity and chlorophyll levels	
Hurwitz, Marc	University of Waterloo	Psychology	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	A neural model of timing in neglect patients	
Huttema, Wendell	Simon Fraser University	Physics	British Columbia/ Colombie- Britannique	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Microwave spectroscopy of novel superconductors	
Inglis, Peter	Simon Fraser University	Molecular Biology & Biochemistry	British Columbia/ Colombie- Britannique	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Developing a novel model for intraflagellar transport for c. elegans	
Ingram, Laura	University of Waterloo	Chemistry	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Studies in synthetic carbohydrate chemistry	
Jackson, Heather	University of British Columbia	Cellular & Physiological Sciences	British Columbia/ Colombie- Britannique	CANADA	02/05/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The cloning and functional characterization of hyperpolarization- activated cyclic nucleotide- gated (hcn) channels from the urochordate species, ciona intestinalis	
Jackson, Stephen	University of Western Ontario	Chemistry	Ontario	CANADA	02/05/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Total Synthesis of (-)- quinocarcin	

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Jalali, Kiumars	University of Waterloo	Mechanical Engineering & Mechatronics	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Optimal chassis control management in drive-by-wire vehicles	
Jamieson, Craig	University of Alberta	Electrical & Computer Engineering	Alberta	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Robust multicarrier transmission using a wavelet basis	
Jechow, Jason	University of Calgary	Chemistry	Alberta	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Entropy in selected chemical reactions	
Jennings, Lindsay	University of New Brunswick	Biology (Saint John)	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Early post-settlement events affecting juvenile echinoderms in the bay of fundy	
Jeukens, Julie	Université Laval	Biologie	Québec	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	L'évolution parallèle chez le grand corégone (coregonus clupeaformis): étude intégrée de la divergence transcriptionnelle	
Kahan, Tara	University of Toronto	Chemistry	Ontario	CANADA	09/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Heterogeneous chemistry at the air-ice interface	
Kakoli, Sarah	Concordia University	Building, Civil and Environmental Engineering	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Pile foundation subjected to inclined loading and inundation in collapsible soil	
Kanjeer, Usheer	University of Toronto	Biochemistry	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Structure - function studies of the escherichia coli inducible lysine decarboxylase ldcI	
Karmouch, Eric	University of Ottawa/ Université d'Ottawa	Computer Science	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Context-Sensitive Mobility Management for Ambient Personal Area Networks	
Kennedy, Graeme	University of Toronto	Aerospace Studies, Institute for	Ontario	CANADA	02/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Reduced order topological optimization for complex mechanism design	

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Khan, Imran	University of Manitoba	Electrical and Computer Engineering	Manitoba	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Tiny manager: a management framework to autonomously design and operate wsns	
Khan, Sheehan	University of Alberta	Electrical & Computer Engineering	Alberta	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Ad-hoc network design and implementation from the physical layer to medium access control	
Kim, Betty	University of Toronto	Surgery	Ontario	CANADA	02/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Multiplexed nanostructures for tumour therapy and imaging	
Kim, Jaewoo	Concordia University	Biology	Québec	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Population consequences of territoriality and the chronic effects of predation hazard in wild juvenile atlantic salmon	
Klassen, Jonathan	University of Alberta	Biological Sciences	Alberta	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Carotenogenesis in novel Hymenobacter-like bacterial strains isolated from an Antarctic glacier	
Knight, Brian	University of Toronto	Physiology	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Gene-environmental interactions underlyingthe developmental origins of health and disease	
Kosior, Jayme	University of Calgary	Electrical & Computer Engineering	Alberta	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Anisotropic perfusion: a robust model-independent method for deriving cerebral blood flow	
Kucera, Hana	University of New Brunswick	Biology (Fredericton)	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Development of dna barcoding as a tool to distinguish morphologically similar algal species	

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Kulamarva, Arun	McGill University	Biomedical Engineering	Québec	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Microencapsulated carbon nanotube-gene devices for targeted delivery of wild type apc gene in the treatment of colorectal adenocarcinoma.	
Kumaran, Raveen	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie- Britannique	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Epitaxial growth of rare- earth doped oxide thin films for planar waveguide lasers	
Kyonka, Elizabeth	University of Canterbury	Psychology		NEW ZEALAND/ NOUVELLE- ZÉLANDE	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Understanding the underlying mechanisms of choice and timing in transition	
Labbe, David	École de technologie supérieure	Génie de la production automatisée	Québec	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Développement et prévalidation d'un outil de mesure du phénomène de pivot shift dans l'articulation du genou	
Lacasse, Alexandre	Université Laval	Informatique et de génie logiciel	Québec	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Bornes sur le risque et algorithmes pour vote de majorité de classificateurs	
Laird, Brian	University of Saskatchewan	Soil Science	Saskatchewan	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Bioaccessibility of metals in northern foods	
Lalonde, Stefan	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	02/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Microbial silicification through time: genetic and geochemical legacies of microbe-mineral interactions	
Lam, Kar Yan (Karen)	University of British Columbia	Medical Genetics	British Columbia/ Colombie- Britannique	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The role of palmitoylation in the cell-surface transport of multi- spanning membrane proteins	

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Lan, Ni	University of British Columbia	Cellular & Physiological Sciences	British Columbia/ Colombie- Britannique	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Ineractions of hypothalamic-pituitary- adrenal and gonadal axes in male rats prenatally exposed to ethanol	
Lang, Dustin	University of Toronto	Computer Science	Ontario	CANADA	02/05/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Making the sky searchable: automated astrometry and collaborative astronomy	
Langelier, Guillaume	Université de Montréal	Informatique et recherche opérationnelle	Québec	CANADA	13/06/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Visualization de la qualité de logiciels de grande taille	
Lapointe, Nicolas	Virginia Polytechnic Institute & State University	Fisheries and Wildlife Sciences	Virginia/ Virginie	UNITED STATES/ ÉTATS-UNIS	25/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Introductions as a function of species' ecological traits	
Lapp, Suzan	University of Regina	Geography	Saskatchewan	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Precipitation scenarios using dendroclimatic, historical and gcm-based precipitation records	
Laverdière, Jonathan	Université de Sherbrooke	Physique	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	fabrication et caracterisation de superstructure de manganites a magnetoreristance colossale	
Lazar, Noah Lawrence	University of Western Ontario	Psychology	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Nogo-66 receptor (RTN4R) knockout mice: a novel animal model of schizophrenia	
Lebel, Robert Marc	University of Alberta	Biomedical Engineering	Alberta	CANADA	02/05/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Fast spin echo magnetic resonance imaging at 4.7 tesla: technical advances and clinical applications	

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Leclerc, Jérémie	Université Laval	Chimie	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Surexpression et études structurales pour caractériser le rôle dans le processus de filage de la section c-terminale de masp1, une protéine du fil de trame de la soie d'araignée nephila clavipes	
Leduc, Andrew	University of Western Ontario	Chemistry	Ontario	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The Total Synthesis of Balasubramide and Tronocarpine	
Lee, Anna	McGill University	Computer Science, School of	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	An Integrative Bioinformatics Approach to mapping the functional interactions between genes related to mental retardation	
Lehnherr, Dan	University of Alberta	Chemistry	Alberta	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Synthesis, characterization and methodology toward functionalized semiconductive pentacene polymers	
Leighton, Gregory	University of Calgary	Computer Science	Alberta	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Flexible signatures for XML documents	
Lemay, Jean-Francois	Université de Sherbrooke	Biologie	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Caractérisation du riborégulateur adéine	
Lesosky, Maia	University of Guelph	Mathematics and Statistics	Ontario	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Non commutative harmonic analysis and medical imaging	
Li, Xin	University of Western Ontario	Computer Science	Ontario	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Fast algorithms and omplementation techniques for efficiency critical operations in polynomial system solving	

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Li, Ye	University of British Columbia	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The study of interaction between multiple tidal turbines and waves effect	
Lin, Hanxin	McMaster University	Pathology and Molecular Medicine	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Characterization of interaction between cellular receptor and spike protein of human coronavirus nl63	
Lindsay, Alan	University of British Columbia	Mathematics	British Columbia/ Colombie-Britannique	CANADA	09/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Plate micro-electro-mechanical systems capacitor devices and blow up behavior of fourth order partial differential equations	
Longpré, Marc-Antoine	University of Dublin - Trinity College	Geology		IRELAND/ IRLANDE	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Giant landslides and their effect on the evolution of ocean island volcanoes	
Lu, Hongwei	University of Regina	Engineering, Faculty of	Saskatchewan	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Development of Surrogate-Simulator-Based Methodologies for supporting Management of Petroleum-Contaminated Groundwater Remediation Systems under Uncertainty	
Lundgren, Rylan	Dalhousie University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	02/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Zeitterionic ruthenium complexes for the asymmetric transfer hydrogenation of ketones	
Marcos, Natalia	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	02/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Optimal plant-wide control of chemical processes with unknown parameters	

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Marinangeli, Christopher	University of Manitoba	Food Science	Manitoba	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Effects of pulses and pulse fractions on oxidative status as well as indices of lipid, carbohydrate and energy metabolism in healthy and overweight individuals	
Mathieu, Jean-Baptiste	École Polytechnique de Montréal	Génie informatique	Québec	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Propulsion et navigation microcirculatoire basées sur un système d'imagerie par résonance magnétique (IRM) pour applications médicales ciblées par microparticules magnétiques	
Maxwell, Elizabeth Jane	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	02/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Three Dimensional differential proteomics	
McGuire, Andrew	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Characterization of role of Cex1p in nuclear tRNA export in <i>Saccharomyces cerevisiae</i>	
McLachlan, Peter	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Analysing massive time-series data with information visualization	
McNeill, Brian	University of Ottawa/ Université d'Ottawa	Biochemistry, Microbiology and Immunology	Ontario	CANADA	02/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Identification of gli target genes in retinal progenitor cells	
McNickle, Gordon	University of Alberta	Biological Sciences	Alberta	CANADA	02/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Breaking the rules of the competitive exclusion principal: how do plants partition resources	
McWalter, Emily	University of British Columbia	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Links between patellofemoral mechanics and osteoarthritis	

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Medeiros, Andrew	York University	Biology	Ontario	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The mechanisms behind climate induced impacts on arctic aquatic systems	
Meger, David	University of British Columbia	Computer Science	British Columbia/ Colombie- Britannique	CANADA	09/05/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Enabling assistive robotics through visual mapping and decision making under uncertainty	
Messinger, Margaret- Ellen	Dalhousie University	Mathematics and Statistics	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The cleaning process and variants	
Meunier, Marie-Andrée Flore Louise	Royal Military College of Canada/ Collège militaire royal du Canada	Chemistry and Chemical Engineering	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Bioaccessibility and mineralogy of arsenic- and polychlorinated biphenyl- contaminated soil in human health risk assessment	
Meyer, Eric	Queen's University	Electrical and Computer Engineering	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Novel topologies and control schemes for voltage regulator modules	
Milisavljevic, Danny	Dartmouth College	Physics and Astronomy	New Hampshire	UNITED STATES/ ÉTATS-UNIS	02/05/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Kinematics and chemical abundances of young supernova remnants	
Modarres Najafabadi, Seyed Ali	McGill University	Mechanical Engineering	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Dynamics and control of contact transitions in multibody systems with time-varying topology	
Monaghan, Jacqueline	University of British Columbia	Botany	British Columbia/ Colombie- Britannique	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Regulation of plant innate immunity by a complex conserved across plant and animal kingdoms	
Moriartey, Stephanie	University of Alberta	Agricultural, Food & Nutritional Sc	Alberta	CANADA	02/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Effects of processing and storage conditions on the viscosity and glycemic index of bread fortified with barley beta glucan	

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Morin, Caroline	Université de Sherbrooke	Physiologie et biophysique	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	rôle physiologique et mode d'action des eicosanoïdes de nouvelles générations sur les muscles lisses des bronchioles humaines	
Morrison, Murray	University of Western Ontario	Civil and Environmental Engineering	Ontario	CANADA	09/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Performance of roof cladding under varying wind load	
Mounaïm, Fayçal	École Polytechnique de Montréal	Génie électrique	Québec	CANADA	02/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Réhabilitation des fonctions urinaires: neurostimulation et monitoring.	
Mugabe, Clement	University of British Columbia	Pharmaceutical Sciences, Faculty of	British Columbia/ Colombie- Britannique	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Development and characterization of intravesical mucoadhesive nanoparticulate formulations for postoperative chemotherapy in bladder cancer	
Mullen, Kerry	University of Guelph	Human Health and Nutritional Sciences	Ontario	CANADA	02/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The development of skeletal muscle adipokine resistance	
Mushrif, Samir	McGill University	Chemical Engineering	Québec	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Multiscale computational modeling of structure and performance of pitch-based activated carbon fibers with applications to hydrogen storage	
Nelson-Fitzpatrick, Nathaniel	University of Alberta	Electrical & Computer Engineering	Alberta	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Metal nanocomposite tunneling resonators: a novel approach to NEMS signal transduction	
Niebergal, Brian	University of Calgary	Physics and Astronomy	Alberta	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	PGS doctoral application	

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Nunes, Paula	Harvard University	Medical Sciences	Massachusetts	UNITED STATES/ ÉTATS-UNIS	02/05/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Excoytosis, endocytosis and the role of actin in aquaporin-2 trafficking	
Oka, Anand Ravindra	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Iterative inference and learning in sensor networks	
Omanovic, Maja	University of Waterloo	Computer Science, School of	Ontario	CANADA	02/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Image processing for human forensic identification	
Omotayo (Onabadejo), Adesola	University of Calgary	Computer Science	Alberta	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Data management in publish/subscribe and data broadcast systems	
Paluzzi, Jean-Paul	University of Toronto	Biology (Erindale)	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Molecular and physiology analyses of the anti-diuretic mechanism of a CAP2b-like peptide from the central nervous system of the hematophagous insect	
Pandozzi, Fabiano	McGill University	Chemistry	Québec	CANADA	02/05/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Determination of optical constants using diffractive optical elements	
Pantelic, Vera	McMaster University	Computing and Software	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Verification of Systems composed of Arbitrary Number of concurrent Processes	
Parker, Karen	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	02/05/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	A comprehensive evaluation of awareness in co-located large screen environments	
Patel, Alpeshkumar	University of Western Ontario	Chemical and Biochemical Engineering	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Novel hydrogels for biomedical applications	
Patel, Jasbir	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Disposable lenses as a microplatform for tear analysis	

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Patry, Alexandre	Université de Montréal	Informatique et recherche opérationnelle	Québec	CANADA	13/06/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Intégrer des techniques de désambiguïsation des mots à un système de traduction statistique pour mieux tenir compte du contexte	
Patterson-Fortin, Laura	University of Alberta	Biological Sciences	Alberta	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Lex-A-mediated repression of the cyanobacterial RNA helicase, crhR	
Paul, Douglas	Carleton University	Electronics	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Broadband passive modeling of high- frequency devices and circuits	
Penner, Gregory Brent	University of Alberta	Agricultural, Food & Nutritional Sc	Alberta	CANADA	02/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Does reducing the fermentation rate of carbohydrates reduce ruminal acidosis in dairy cows?	
Penner, Marlin	University of Alberta	Chemistry	Alberta	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Synthesis of palmerolide A: an anti-melanoma compound from the antarctic	
Phillips, Andrew	University of Guelph	Physics	Ontario	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Pairing correlations in 11Li studied with neutron pair transfer reactions	
Po, Michelle	University of Toronto	Molecular and Medical Genetics	Ontario	CANADA	13/06/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Identifying novel active zone regulators	
Poirier, Jean-Sébastien	Université de Montréal	Physique	Québec	CANADA	02/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Dépôt et gravure de l'oxide de vanadium pour l'élaboration de micro- commutateurs optiques ultra-rapides	
Prendi, Lindita	University of Windsor	Civil and Environmental Engineering	Ontario	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The effect of spraying characteristics and levelling in automotive coatings	

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Quinn, Pete	Queen's University	Geological Sciences and Geological Engineering	Ontario	CANADA	02/05/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Managing the risk of landslides in sensitive clay affecting linear infrastructure	
Rahman, Mohammad	University of Alberta	Mechanical Engineering	Alberta	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Two-phase atomization, characterization and scaling of oil sands coker nozzles	
Rakib, Mohammad	University of British Columbia	Chemical and Biological Engineering	British Columbia/ Colombie- Britannique	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Fluidized ed reactor- regenerator system for hydrogen generation	
Ramunas, John	Stanford University	Neurobiology	California/ Californie	UNITED STATES/ ÉTATS-UNIS	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Identification and high temporal resolution characterization of systemic factors that rejuvenate stem cell function	
Raptis, Helli Alkisti	Université de Montréal	Physiologie	Québec	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Implication du système vestibulospinal et corticospinal dans le contrôle des muovements du bras	
Reed-Jones, Rebecca	University of Guelph	Human Health and Nutritional Sciences	Ontario	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Does re-weighing of visual and vestibular information explain adaption to perceived self motion in virtual environments?	
Régimbald-Dumas, Yannik	Université de Sherbrooke	Pharmacologie	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Rôle de la protéine accessoire FKBP12 et de ses effecteurs, la phosphatase calcineurine et la kinase mTOR, dans la régulation de l'activité du récepteur à l'inositol 1,4,5-trisphosphate de type 2	
Rehan, Rashid	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Sustainable management of urban sewerage systems	

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Richard, Charles	Université de Sherbrooke	Génie électrique et génie informatique	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Conception, fabrication et intégration de composantes photoniques pour un nouveau microsystème de diagnostic du cancer	
Richmond, David	University of California - Berkeley	Biophysics Graduate Group	California/ Californie	UNITED STATES/ ÉTATS-UNIS	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Reconstitution of a dentritic actin network in a liposome	
Rieveley, Robert	University of Windsor	Mechanical, Automotive and Materials Engineering	Ontario	CANADA	02/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Dimensionless control and experimental techniques, with application to vehicle dynamics control	
Robertson, John	University of Western Ontario	Medical Biophysics	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Image guided magnetic field therapy	
Rockel, Jason	University of Western Ontario	Anatomy and Cell Biology	Ontario	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Significance of the kinetics of ERK activation in regulating gene expression	
Rose, Erin	University of Toronto	Pharmacology	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	stimulation of glutamate transport by a novel mechanism	
Roy, Xavier	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Synthesis of metal organic coordination mesostructured materials	
Rozmanov, Dmitri	University of Calgary	Chemistry	Alberta	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Molecular dynamics studies of the impact of ionic species on the growth of ice	
Ruff, Jacob	McMaster University	Physics and Astronomy	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Scattering studies in frustrated rare-earth pyrochlores	
Sakr, Nizar	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Haptic Data Watermarking and Compression	

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Salissou, Yacoubou	Université de Sherbrooke	Génie mécanique	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Caractérisation des phénomènes de dissipation acoustique dans les mousses d'aluminium	
Sandhu, Sukhpreet	University of Waterloo	Systems Design Engineering	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Development of enhanced contact models for soft tissues	
Sanscartier, David	Royal Military College of Canada/ Collège militaire royal du Canada	Chemistry and Chemical Engineering	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Bioremediation of hydrocarbon contaminated soil in cold climates	
Sarathy, Subram Maniam	University of Toronto	Chemical Engineering & Applied Chemistry	Ontario	CANADA	13/06/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Enabling biodiesel fuel use for sustainable mobility	
Sarkar, Niladri	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	02/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	CMOS-MEMS Instrumentation for Nanotechnology Research	
Schafer, Alexis	University of Saskatchewan	Toxicology Centre	Saskatchewan	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The influence of liquid water content on the toxicity of petroleum hydrocarbons at sub-zero temperatures	
Schippers, Marie-Pierre	McMaster University	Biology	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Metabolic adaptations to high altitudes: a phylogenetic approach	
Schuetz, Mathias	Simon Fraser University	Biological Sciences	British Columbia/ Colombie- Britannique	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Genetic dissection of vascular differentiation in poplar species	
Schultz, Bradley	York University	Physics and Astronomy	Ontario	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Study of ultracold rubidium atoms using magnetic and optical traps	
Scully, Stephen	Dalhousie University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	02/05/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Catalytic functionalization of hydrocarbons via double C-H bond activation	

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Shin, Heesun	Simon Fraser University	Molecular Biology & Biochemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Transcriptome analysis for c. elegans based on SAGE and the novel ESTs	
Shirokoff, David	Massachusetts Institute of Technology	Mathematics	Massachusetts	UNITED STATES/ ÉTATS-UNIS	16/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Superconducting spectrum theory	
Shoemaker, Garth	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Enabling human interaction with large computing displays	
Singhal, Anupam	University of British Columbia	Chemical and Biological Engineering	British Columbia/ Colombie-Britannique	CANADA	02/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Quantitative single cell proteomics for stem cell analysis in microfluidic devices	
Sorge, Jason	University of Alberta	Electrical & Computer Engineering	Alberta	CANADA	09/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Defect engineering in periodic square spiral films for photonic crystal device realization.	
Soulard, Jonathan	Université de Montréal	Sciences biologiques	Québec	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Destin des s-rnases et interactions moléculaires dans le tube pollinique dans le cadre de l'autoincompatibilité chez solanum chacoense	
Sousa, Rodolfo	University of British Columbia	Mining Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Rehabilitation of degraded artisanal mining sites: a Brazilian case study	
St. Vincent, Mireille	University of Alberta	Biochemistry	Alberta	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Novel inhibitors of viral fusion	
Stein, Robert	Simon Fraser University	Biological Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Life history evolution and diversification in galliform birds	

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Stringer, Danielle	University of Manitoba	Food Science	Manitoba	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Identification of novel bioactive compounds in buckwheat and their effects on glucose metabolism	
Suerich-Gulick, France	McGill University	Civil Engineering & Applied Mechanics	Québec	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Free surface vortices at hydropower intakes	
Svensson, Sarah	University of British Columbia	Microbiology and Immunology	British Columbia/ Colombie- Britannique	CANADA	13/06/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Characterization of a novel two-component regulatory system in the enteric pathogen campylobacter jejuni	
Szyszkowicz, Sebastian	Carleton University	Systems and Computer Engineering	Ontario	CANADA	02/05/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Time analysis of interference in cellular systems for more efficient spectrum use	
Tamblyn, Isaac	Dalhousie University	Physics and Atmospheric Science	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Determining the viability of ahigh pressure phases of simple materials as energy storage media	
Tariq, Amjad	University of Western Ontario	Civil and Environmental Engineering	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Sulphide mine tailings management using industrial byproducts for the control of acid mine drainage	
Tersigni, Andrew	University of Guelph	Physics	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Tetracene organic semiconductor film growth	
Thambirajah, Anita	University of Victoria	Biochemistry and Microbiology	British Columbia/ Colombie- Britannique	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Characterization of the chromatin distribution and post-translational modifications of methyl- CpG binding protein 2 (MeCP2)	
Tharanivasan, Asok Kumar	University of Calgary	Chemical and Petroleum Engineering	Alberta	CANADA	02/05/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Measurement and modeling of asphaltene precipitation from dead and live crude oils	

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Tolley, Michael	Cornell University	Mechanical & Aerospace Engineering	New York	UNITED STATES/ ÉTATS-UNIS	23/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Programmable Micro- Fluidic Self-Assembly.	
Trask, Robert	Memorial University of Newfoundland	Medicine, Faculty of	Newfoundland and Labrador/ Terre- Neuve-et-Labrador	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Dopaminergic regulation of orexin and mch neurons in the lateral hypothalamus	
Trépanier, Véronique	Université de Montréal	Biochimie	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Étude du lien entre staufen1 et la localisation des arnm a la mitochondrie	
Urbanska, Aleksandra Malgorzata	McGill University	Biomedical Engineering	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Investigation of anti colon cancer potential of microencapsulated live probiotic lactobacilli bacterial cells.	
Vallières, Daniel	University of California - San Diego	Mathematics	California/ Californie	UNITED STATES/ ÉTATS-UNIS	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Stark's conjecture	
VanderZaag, Andrew	Dalhousie University	Process Engineering & Applied Science	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Characterizing and mitigating greenhouse gas emissions from agricultural wastewater treatment lagoons and wetlands	
Wagnac, Eric	École Polytechnique de Montréal	Génie Biomédical, Institut de	Québec	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Le profil sagittal du rachis: son influence mécanique en situation accidentologique et lors des chirurgies	
Wang, Ya Fang	Concordia University	Mathematics and Statistics	Québec	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	d'instrumentation PH-renewal models for discounted claims	

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Wartman, Cheryl	University of Prince Edward Island	Biomedical Sciences	Prince Edward Island/ Île-du-Prince- Édouard	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Understanding mechanisms of action of androgenic steroids specific to three-spine stickleback (Gasterosteus aculeatus) reproductive- endocrine systems	
Watson, Simon	Massachusetts Institute of Technology	Mechanical Engineering	Massachusetts	UNITED STATES/ ÉTATS-UNIS	23/05/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Measuring the Distibution of lubricant additive compounds with in-situ laser induced fluorescence spectroscopy to aid in increasing the durability of disel engine aftertreatment systems	
Weiler, Jonathan	University of Western Ontario	Mechanical and Materials Engineering	Ontario	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D		
Wiens, Jason	University of Saskatchewan	Chemical Engineering	Saskatchewan	CANADA	02/05/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Experimental study and modelling of a cold-flow fluid catalytic cracking unit stripper	
Windle, Matthew	Memorial University of Newfoundland	Biology	Newfoundland and Labrador/ Terre- Neuve-et-Labrador	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Gis spatial analyses of northwest atlantic ecosystem dynamics: impacts of fisheries, environment and climate change	
Woodward, Lyne	École Polytechnique de Montréal	Génie chimique	Québec	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Optimisation en temps réel multi-unités avec projection du gradient sur les contraintes actives	
Wu, Long Yang	University of Waterloo	Statistics and Actuarial Science	Ontario	CANADA	09/05/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Functional data analysis of multipe array chg experiments	

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Yang, Tie Bao	University of Windsor	Electrical and Computer Engineering	Ontario	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	A vision-based thermal control system for high pressure die casting processes	
Yoo, Woo-Jin	McGill University	Chemistry	Québec	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Practical polypeptide synthesis based on C-H bond activation	
Young, James	University of Calgary	Computer Science	Alberta	CANADA	13/06/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Robot expression using techniques from cartooning	
Young, Maxwell	University of Waterloo	Computer Science, School of	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Secure and scalable distributed algorithms for peer to peer networks	
Zakaluzny, Andrew	University of Calgary	Electrical & Computer Engineering	Alberta	CANADA	02/05/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	NSERC application sept 06	
Zhang, Ming	University of Calgary	Computer Science	Alberta	CANADA	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Efficient moving-object recognition in sensor monitoring for outlier mining	
Zhang, Yimei	University of Regina	Engineering, Faculty of	Saskatchewan	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Inexact Simulation and Process Control of municipal Solid Waste Composting	
Zhao, (Robert)	University of Ottawa/ Université d'Ottawa	Biology	Ontario	CANADA	18/04/2007	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Production and function of secretoneurin in the goldfish (Carassius auratus) pituitary gland	
Zheng, Xinying	Massachusetts Institute of Technology	Computational and Systems Biology	Massachusetts	UNITED STATES/ ÉTATS-UNIS	18/04/2007	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Characterization of short RNA clones in the sfmbt2 locus	
Fisette, Simon	Université de Sherbrooke	Génie électrique et génie informatique	Québec	CANADA	18/04/2007	1	33,350	Postgraduate Scholarships M Extension/ Prolongation d'une bourse d'études supérieures M	Fabrication et étude de circuits électriques supraconducteurs présentant des effets quantiques	

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Desharnais, Marie-Christine	École Polytechnique de Montréal	Génies Civil, géologique et des mines	Québec	CANADA	18/04/2007	1	25,000	Postgraduate Scholarships M/ Bourses d'études supérieures M	Caractérisation objective de la demande annuelle en transport adapté à Montréal: conséquences sur la planification des déplacements	
Forest, Chantal	Université de Montréal	Microbiologie et immunologie	Québec	CANADA	18/04/2007	1	25,950	Postgraduate Scholarships M/ Bourses d'études supérieures M	Caractérisation du fimbriae saf de salmonella enterica sérovar typhi	
Garrett, Christopher	University of Alberta	Biological Sciences	Alberta	CANADA	18/04/2007	1	25,000	Postgraduate Scholarships M/ Bourses d'études supérieures M	Influence of habitat arrangement on deer movement and disease spread	
Lawrence, Michael	Dalhousie University	Psychology	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2007	1	25,000	Postgraduate Scholarships M/ Bourses d'études supérieures M	Decisions form description versus experiences: an investigation of individual difference factors in probability assessment	
Twyman, Alexandra	Temple University	Psychology	Pennsylvania/ Pennsylvanie	UNITED STATES/ ÉTATS-UNIS	18/04/2007	1	25,000	Postgraduate Scholarships M/ Bourses d'études supérieures M	Catalyzing landmark use in children	
Anis, Hanan	University of Ottawa/ Université d'Ottawa	Engineering, Faculty of	Ontario	CANADA	20/04/2007	1	150,000	Research Tools and Instruments Category 1/ Outils et instruments de recherche - catégorie 1	- Application of coherent anti-stokes raman scattering microscopy using photonic crystal fibers	
Bryce, David	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	13/06/2007	1	94,818	Research Tools and Instruments Category 1/ Outils et instruments de recherche - catégorie 1	- Software and computer cluster for modelling NMR properties of extended systems in the solid state	
Burg, Theresa	University of Lethbridge	Biological Sciences	Alberta	CANADA	20/04/2007	1	82,763	Research Tools and Instruments Category 1/ Outils et instruments de recherche - catégorie 1	- Automated high throughput DNA laboratory	

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Darbyshire, Fiona	Université du Québec à Montréal	Sciences de la terre et de l'atmosphère	Québec	CANADA	20/04/2007	1	143,755	Research Tools and Instruments - A new seismograph network in Quebec Category 1/ Outils et instruments de recherche - catégorie 1		
Fels, Sidney	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	1	145,220	Research Tools and Instruments - Anthropomorphic robotic face Category 1/ Outils et instruments de recherche - catégorie 1		
Fortier, Louis-Charles	Université de Sherbrooke	Microbiologie infectiologie	Québec	CANADA	20/04/2007	1	31,500	Research Tools and Instruments - Culture, molecular typing, and phylogenetic analysis of pathogenic bacteria Category 1/ Outils et instruments de recherche - catégorie 1		
Harden, James	University of Ottawa/ Université d'Ottawa	Physics	Ontario	CANADA	20/04/2007	1	137,904	Research Tools and Instruments - Rheometry with in-situ light scattering for studies of soft materials Category 1/ Outils et instruments de recherche - catégorie 1		
Hay, Alexander	Dalhousie University	Oceanography	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	1	53,173	Research Tools and Instruments - Acoustic multibeam system for 3-dimensional bedform evolution studies Category 1/ Outils et instruments de recherche - catégorie 1		
Hicks, Faye	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	11/05/2007	1	30,706	Research Tools and Instruments - Suspended frazil ice measurement system Category 1/ Outils et instruments de recherche - catégorie 1		
Higgs, Dennis	University of Windsor	Biological Sciences	Ontario	CANADA	20/04/2007	1	47,240	Research Tools and Instruments - Aquatic facilities for research animals Category 1/ Outils et instruments de recherche - catégorie 1		
Hontela, Alice	University of Lethbridge	Biological Sciences	Alberta	CANADA	20/04/2007	1	37,700	Research Tools and Instruments - Microplate reader for analysis of environmental samples Category 1/ Outils et instruments de recherche - catégorie 1		
Jenna, Sarah	Université du Québec à Montréal	Chimie	Québec	CANADA	20/04/2007	1	74,000	Research Tools and Instruments - Supporting infrastructure required to install a caenorhabditis elegans functional genomic platform Category 1/ Outils et instruments de recherche - catégorie 1		

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Johnstone, Jill	University of Saskatchewan	Biology	Saskatchewan	CANADA	13/06/2007	1	44,000	Research Tools and Instruments - Data logger systems for a Category 1/ Outils et instruments de recherche - catégorie 1	- field warming experiment	
Laneville, André	Université de Sherbrooke	Génie mécanique	Québec	CANADA	20/04/2007	1	127,700	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	- Banc d'essais actif avec visualisation synchronisée des écoulements	
Légaré, François	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	20/04/2007	1	134,568	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	- Advanced equipment for generation of intense sub-10 femtoseconds laser pulses in the spectral range of 1400 nm for Coulomb explosion imaging and laser induced electron diffraction	
Leonenko, Zoia	University of Waterloo	Physics and Astronomy	Ontario	CANADA	13/06/2007	1	130,156	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	- Scanning probe force microscopy to study biophysics of lipid rafts and their role in amyloid fibril formation	
Liao, Zaiyi	Ryerson University	Architectural Science	Ontario	CANADA	11/05/2007	1	122,280	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	- An experimental facility for testing the performance of building automation devices and systems	
Ma, Dongling	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunication - Montréal	Québec	CANADA	20/04/2007	1	82,422	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	- Essential equipment for nanoparticle characterization: stability, surface chemistry and optical properties	
Macrae, Merrin	University of Waterloo	Geography	Ontario	CANADA	20/04/2007	1	44,079	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	- The analyses of soil and water for determinations of nitrogen fate and transfer in agricultural riparian zones	

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Majedi, Amir Hamed	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	20/04/2007	1	150,000	Research Tools and Instruments - Characterization of Category 1/ Outils et instruments de recherche - superconducting Catégorie 1 microwave photonic devices & systems		
Pierre, Pascale	Université Laval	Génie civil	Québec	CANADA	20/04/2007	1	102,700	Research Tools and Instruments - Simulateur routier de Catégorie 1/ Outils et sollicitations mécaniques instruments de recherche - et climatiques de Catégorie 1 laboratoire		
Roberts, Deborah	University of British Columbia	Engineering, School of	British Columbia/ Colombie-Britannique	CANADA	11/05/2007	1	117,915	Research Tools and Instruments - Ion-chromatograph for Category 1/ Outils et detection of perchlorate in instruments de recherche - high salt solutions Catégorie 1		
Ross, Tetjana	Dalhousie University	Oceanography	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	1	78,579	Research Tools and Instruments - Broadband sonar for Category 1/ Outils et mapping turbulent and instruments de recherche - double-diffusive Catégorie 1 microstructure and plankton in the ocean		
Ryan, Dominic	McGill University	Physics	Québec	CANADA	20/04/2007	1	150,000	Research Tools and Instruments - 3He cryostat for sub- Category 1/ Outils et Kelvin Mossbauer instruments de recherche - spectroscopy Catégorie 1		
Saridakis, Vivian	York University	Biology	Ontario	CANADA	20/04/2007	1	80,005	Research Tools and Instruments - Structural biology facility Category 1/ Outils et instruments de recherche - Catégorie 1		
Si, Bing	University of Saskatchewan	Soil Science	Saskatchewan	CANADA	20/04/2007	1	28,414	Research Tools and Instruments - A novel research tool for Category 1/ Outils et simultaneous instruments de recherche - measurement of liquid Catégorie 1 and ice soil water contents, soil thermal properties and electrical conductivity		
Sirois, Joel	Université de Sherbrooke	Génie chimique	Québec	CANADA	20/04/2007	1	146,377	Research Tools and Instruments - Plateforme de bioréacteurs Category 1/ Outils et pour l'étude systématique instruments de recherche - et intégrée du Catégorie 1 métabolisme de cellules végétales en suspension		

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Soares, Joao	University of Waterloo	Chemical Engineering	Ontario	CANADA	20/04/2007	1	148,013	Research Tools and Instruments - High temperature gel Category 1/ Outils et instruments de recherche - catégorie 1	permeation chromatography	
Sonier, Jeffrey	Simon Fraser University	Physics	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	1	125,594	Research Tools and Instruments - NMR superconducting Category 1/ Outils et instruments de recherche - catégorie 1	magnet repair	
Swan, Andrew	University of Windsor	Biological Sciences	Ontario	CANADA	20/04/2007	1	131,000	Research Tools and Instruments - Confocal microscope for Category 1/ Outils et instruments de recherche - catégorie 1	multichannel and live imaging	
Tang, Shuo	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	1	141,625	Research Tools and Instruments - Femtosecond laser for Category 1/ Outils et instruments de recherche - catégorie 1	developing tissue imaging system	
Teillet, Philippe	University of Lethbridge	Physics	Alberta	CANADA	20/04/2007	1	40,300	Research Tools and Instruments - Equifinality in terrestrial Category 1/ Outils et instruments de recherche - catégorie 1	spectroradiometric imaging of vegetation canopies	
Thomas, Sean	University of Toronto	Forestry, Faculty of	Ontario	CANADA	20/04/2007	1	72,086	Research Tools and Instruments - Meteorological instrument Category 1/ Outils et instruments de recherche - catégorie 1	tower for integrated forest ecosystem research	
Van Wijngaarden, Jennifer	University of Manitoba	Chemistry	Manitoba	CANADA	13/06/2007	1	91,117	Research Tools and Instruments - Completion of a fourier Category 1/ Outils et instruments de recherche - catégorie 1	transform microwave spectrometer to study molecular ions and radicals	
Weaver, Andrew	University of Victoria	Earth and Ocean Sciences, School of	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	1	42,512	Research Tools and Instruments - High density weather Category 1/ Outils et instruments de recherche - catégorie 1	station network	
Edwards, Elizabeth	University of Toronto	Chemical Engineering & Applied Chemistry	Ontario	CANADA	13/06/2007	2	138,000	Special Research Opportunity Program - Project/ Programme d'occasion spéciale en recherche - projet	Metagenome sequence analysis of a benzene- degrading anaerobic microbial consortium	
Yao, Jianping	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	20/04/2007	3	187,000	Special Research Opportunity Program - Project/ Programme d'occasion spéciale en recherche - projet	Ultra-wideband over fiber for broadband wireless access	

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Mostaghimi, Javad	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	11/05/2007	3	418,500	Strategic Projects/ Projets stratégiques	Plasma spray forming of near net-shape light-weight aerospace components	
Gericke, Michael	University of Manitoba	Physics & Astronomy	Manitoba	CANADA	20/04/2007	2	68,000	Subatomic Physics Envelope - Group/ Enveloppe de physique subatomique - groupe	Fundamental Neutron Physics at the Spallation Neutron Source	
Austin, Roby	Saint Mary's University	Astronomy and Physics	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	2	106,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Probing the origins and structure of nuclei	
Barbi, Mauricio	University of Regina	Physics	Saskatchewan	CANADA	20/04/2007	2	90,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Neutrino oscillation with the T2K experiment	
Brandenberger, Robert	McGill University	Physics	Québec	CANADA	20/04/2007	5	400,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Topics in early universe cosmology	
Buchel, Alex	University of Western Ontario	Applied Mathematics	Ontario	CANADA	20/04/2007	3	165,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Applied string theory	
Carrington, Margaret	Brandon University	Physics and Astronomy	Manitoba	CANADA	20/04/2007	5	225,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Statistical Field Theory and the quark gluon plasma	
Cline, James	McGill University	Physics	Québec	CANADA	20/04/2007	5	400,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Cosmology from string theory to the LHC	
Frank, Mariana	Concordia University	Physics	Québec	CANADA	20/04/2007	3	90,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Testing beyond MSSM scenarios at the LHC and ILC	
Graham, Kevin	Carleton University	Physics	Ontario	CANADA	20/04/2007	1	40,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Development of noble gas/liquid detectors for neutrinoless double beta decay and dark matter searches	

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Grisaru, Marcus	McGill University	Physics	Québec	CANADA	20/04/2007	5	225,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Supersymmetry, supergravity and strings	
Gwinner, Gerald	University of Manitoba	Physics & Astronomy	Manitoba	CANADA	20/04/2007	3	111,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Investigations toward atomic parity-nonconservation and anapole measurements in francium	
Harnett, Derek	University College of the Fraser Valley	Physics	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	30,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	The QCD Mass Spectrum	
Kanungo, Rituparna	Saint Mary's University	Astronomy and Physics	Nova Scotia/ Nouvelle-Écosse	CANADA	20/04/2007	3	268,500	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Towards a new global view of nuclear structure and nuclear matter through nuclei with large neutron to proton ratio	
Khanna, Faqir	University of Alberta	Physics	Alberta	CANADA	20/04/2007	5	110,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Many body systems and symmetry	
Khoury, Justin	University of Waterloo	Physics and Astronomy	Ontario	CANADA	20/04/2007	3	135,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Extending Einstein's theory of gravitation to explain cosmological mysteries	
MacKenzie, Richard	Université de Montréal	Physique	Québec	CANADA	20/04/2007	3	45,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Quantum theory and applications	
Maloney, Alexander	McGill University	Physics	Québec	CANADA	20/04/2007	3	120,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	String theory black holes and cosmology	
Maltman, Kim	York University	Mathematics and Statistics	Ontario	CANADA	20/04/2007	5	275,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	QCD and Standard Model Effects in Strong, Weak and Electromagnetically Interacting Systems	

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Pywell, Robert	University of Saskatchewan	Physics and Engineering Physics	Saskatchewan	CANADA	20/04/2007	3	142,500	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Photonuclear reactions at intermediate energies	
Rau, Wolfgang	Queen's University	Physics	Ontario	CANADA	20/04/2007	2	130,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Dark Matter search with cryogenic detectors: contributions to CDMS and SuperCDMS	
Rowe, David	University of Toronto	Physics	Ontario	CANADA	20/04/2007	3	129,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Microscopic theory of nuclear collective states	
Roy, René	Université Laval	Physique, génie physique et optique	Québec	CANADA	20/04/2007	2	30,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Dynamique des réactions entre ions lourds aux énergies ISAC-II et GANIL	
Rozali, Moshe	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	350,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Applications of string theory	
Semenoff, Gordon	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	400,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Gauge fields, strings and gravity	
Sigurdson, Kris	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	132,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	The physics of the standard model of the universe	
Wichoski, Ubi	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Physics	Ontario	CANADA	20/04/2007	1	40,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	PICASSO group at laurentian university	
Woloshyn, Richard	TRIUMF	Science Division	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	5	275,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Theoretical physics	

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Bailey, David	Institute of Particle Physics/ Institut de la Physique des Particules	Head Office	Ontario	CANADA	20/04/2007	1	40,000	Subatomic Physics Envelope - Major Resources Support Program/ Enveloppe de physique subatomique - programme d'appui aux ressources majeures	Training the next generation of Canadian particle physicists	
Dilling, Jens	TRIUMF	Science Division	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	375,000	Subatomic Physics Envelope - Major Resources Support Program/ Enveloppe de physique subatomique - programme d'appui aux ressources majeures	TITAN facility MRS	
Leroy, Claude	Université de Montréal	Physique	Québec	CANADA	20/04/2007	3	525,000	Subatomic Physics Envelope - Major Resources Support Program/ Enveloppe de physique subatomique - programme d'appui aux ressources majeures	Major Resource Support for the Particle Physics Group at the Université de Montréal	
Mattison, Thomas	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	5	365,000	Subatomic Physics Envelope - Major Resources Support Program/ Enveloppe de physique subatomique - programme d'appui aux ressources majeures	Specialized Support Staff for UBC Experimental Subatomic Physics	
Noble, Anthony	Queen's University	Physics	Ontario	CANADA	20/04/2007	1	1,275,000	Subatomic Physics Envelope - Major Resources Support Program/ Enveloppe de physique subatomique - programme d'appui aux ressources majeures	Operating Support for SNOLAB	
Noble, Anthony	Queen's University	Physics	Ontario	CANADA	20/04/2007	2	240,000	Subatomic Physics Envelope - Major Resources Support Program/ Enveloppe de physique subatomique - programme d'appui aux ressources majeures	Queen's University infrastructure support for the development of SNOLab experiments	
Benslama, Kamal	University of Regina	Physics	Saskatchewan	CANADA	11/05/2007	1	80,550	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	The ATLAS experiment at the CERN LHC (Applicant: Robert Orr)	

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Bhadra, Sampa	York University	Physics and Astronomy	Ontario	CANADA	20/04/2007	1	128,500	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	IPP project 82.01 - The ZEUS experiment at HERA (applicant: Martin, JF)	
Bhadra, Sampa	York University	Physics and Astronomy	Ontario	CANADA	20/04/2007	1	49,620	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	T2K long baseline neutrino oscillation experiment	
Boulay, Mark	Queen's University	Physics	Ontario	CANADA	20/04/2007	1	164,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	DEAP-3: Liquid Argon Dark Matter Search	
Buchmann, Lothar	TRIUMF	Science Division	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	2	106,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	The Tuda programme	
Buchmann, Lothar	TRIUMF	Science Division	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	3	270,500	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	TACTIC: A large solid angle particle detection system	
Chen, Mark	Queen's University	Physics	Ontario	CANADA	20/04/2007	1	400,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	SNO+ Initial Construction and Continued Development	
Corriveau, François	McGill University	Physics	Québec	CANADA	20/04/2007	1	134,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	IPP project 82.01 - The ZEUS experiment at HERA (applicant: Martin, JF)	
Dilling, Jens	TRIUMF	Science Division	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	3	450,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	TITAN high precision mass measurements at ISAC	
Dixit, Madhu	Carleton University	Physics	Ontario	CANADA	20/04/2007	1	26,600	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	Linear Collider Detector	
Farine, Jacques	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Physics	Ontario	CANADA	11/05/2007	1	90,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	EXO Development	

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Gay, Colin	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	11/05/2007	1	112,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	The ATLAS experiment at the CERN LHC (Applicant: Robert Orr)	
Gingrich, Douglas	University of Alberta	Physics	Alberta	CANADA	11/05/2007	1	334,240	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	The ATLAS experiment at the CERN large hadron collider (applicant: R. Orr)	
Hanna, David	McGill University	Physics	Québec	CANADA	20/04/2007	3	795,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	High Energy Astrophysics with VERITAS	
Hearty, Christopher	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	1,338,200	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	The BaBar experiment	
Hutcheon, David	TRIUMF	Science Division	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	600,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	Nuclear Astrophysics at ISAC with DRAGON	
Karlen, Dean	University of Victoria	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	1	115,380	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	T2K long baseline neutrino oscillation experiment	
Konaka, Akira	TRIUMF	Science Division	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	1	130,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	T2K common fund contribution	
Leroy, Claude	Université de Montréal	Physique	Québec	CANADA	11/05/2007	1	289,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	The ATLAS experiment at the CERN large hadron collider (applicant: R. Orr)	
Marshall, Glen	TRIUMF	Science Division	British Columbia/ Colombie-Britannique	CANADA	20/04/2007	3	649,500	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	TWIST - Precision measurement of muon decay parameters (TRIUMF E614)	

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Martin, John	University of Toronto	Physics	Ontario	CANADA	20/04/2007	1	106,320	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	T2K long baseline neutrino oscillation experiment	
McKenna, Janis	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	1	77,900	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	The BaBar Experiment (applicant: C. Hearty)	
McPherson, Robert	University of Victoria	Physics and Astronomy	British Columbia/ Colombie- Britannique	CANADA	11/05/2007	1	491,530	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	The Atlas experiment at the CERN large hadron collider (applicant: R. Orr)	
Moore, Roger	University of Alberta	Particle Physics, Centre for	Alberta	CANADA	11/05/2007	1	45,740	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	The D0 experiment: physics at the Energy Frontier (PI: Wendy Taylor)	
Noble, Anthony	Queen's University	Physics	Ontario	CANADA	20/04/2007	1	95,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	PICASSO - Search for Dark Matter (Applicant V. Zacek)	
Oakham, Gerald	Carleton University	Research in Particle Physics, Centre for	Ontario	CANADA	11/05/2007	1	253,700	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	The ATLAS experiment at the CERN large hadron collider (applicant: R. Orr)	
O'Neil, Dugan	Simon Fraser University	Physics	British Columbia/ Colombie- Britannique	CANADA	11/05/2007	1	56,404	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	D0 physics at the Energy Frontier (Applicant: Wendy Taylor)	
Oram, Christopher	TRIUMF	Science Division	British Columbia/ Colombie- Britannique	CANADA	11/05/2007	1	290,450	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	The ATLAS experiment at the CERN large hadron collider (applicant: R. Orr)	
Orr, Robert	University of Toronto	Physics	Ontario	CANADA	11/05/2007	2	5,414,620	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	The ATLAS experiment at the CERN LHC	
Oser, Scott	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	1	161,880	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	T2K long baseline neutrino oscillation experiment (applicant: A. Konaka)	

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Name/ Nom	Institution/ Établissement	Department/ Département	Province	Country/ Pays	Date	Instalments/ Versements	Total \$/ \$ Total	Program/ Programme	Title/ Titre	Comments/ Commentaires
Page, Shelley	University of Manitoba	Physics & Astronomy	Manitoba	CANADA	20/04/2007	3	870,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	Qweak Experiment: Measurement of the Proton's Weak Charge (JLab E02-020, E05-008)	
Robertson, Steven	McGill University	Physics	Québec	CANADA	20/04/2007	1	88,900	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	The BaBar Experiment (applicant: C. Hearty)	
Roney, Michael	University of Victoria	Physics and Astronomy	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	1	335,200	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	The BaBar Experiment (applicant: C. Hearty)	
Sinclair, David	Carleton University	Physics	Ontario	CANADA	11/05/2007	2	500,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	EXO Development	
Taras, Paul	Université de Montréal	Physique	Québec	CANADA	20/04/2007	1	159,800	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	The BaBar Experiment (applicant: C. Hearty)	
Taylor, Wendy	York University	Physics and Astronomy	Ontario	CANADA	11/05/2007	3	150,225	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	D0 physics at the energy frontier	
Taylor, Wendy	York University	Physics and Astronomy	Ontario	CANADA	11/05/2007	1	35,400	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	The ATLAS Experiment at CERN LHC (Applicant: R. Orr)	
Vachon, Brigitte	McGill University	Physics	Québec	CANADA	11/05/2007	1	42,631	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	The D0 experiment: physics at the Energy Frontier (PI: Wendy Taylor)	
Vachon, Brigitte	McGill University	Physics	Québec	CANADA	11/05/2007	1	173,660	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	The ATLAS Experiment at CERN LHC (Applicant: R. Orr)	
Van Oers, Willem	University of Manitoba	Physics & Astronomy	Manitoba	CANADA	20/04/2007	3	220,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	Measurement of the flavor singlet form factors of the proton, TJNAF-E-04-115 TJNAF-E-04-101	

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Vetterli, Michel	Simon Fraser University	Physics	British Columbia/ Colombie- Britannique	CANADA	11/05/2007	1	224,850	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	ATLAS experiment at the large hadron collider (Applicant: R. Orr)	
Warburton, Andreas	McGill University	Physics	Québec	CANADA	20/04/2007	1	130,150	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	The CDF-II Experiment at the Fermilab Tevatron (Applicant: P. Savard)	
Behr, John	TRIUMF	Science Division	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	1	67,000	Subatomic Physics Envelope - Research Tools and Instruments/ Enveloppe de physique subatomique - Outils et instruments de recherche	Detector upgrades for beta- neutrino and spin correlations	
Konaka, Akira	TRIUMF	Science Division	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	2	260,000	Subatomic Physics Envelope - Research Tools and Instruments/ Enveloppe de physique subatomique - Outils et instruments de recherche	Electronics for T2K Fine Grained Detector	
Martin, Jeffery	University of Winnipeg	Physics	Manitoba	CANADA	20/04/2007	1	85,000	Subatomic Physics Envelope - Research Tools and Instruments/ Enveloppe de physique subatomique - Outils et instruments de recherche	Qweak compton polarimeter electron detector	
Sobie, Randall	University of Victoria	Physics and Astronomy	British Columbia/ Colombie- Britannique	CANADA	20/04/2007	1	39,308	Subatomic Physics Envelope - Research Tools and Instruments/ Enveloppe de physique subatomique - Outils et instruments de recherche	Time-critical and software- development computing infrastructure	
Leonenko, Zoia	University of Waterloo	Physics and Astronomy	Ontario	CANADA	13/06/2007	5	200,000	University Faculty Award/ Programme d'appui aux professeurs universitaires	Biophysical study of lipid rafts and their role in amyloid fibril formation	

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McWilliams, Kathryn	University of Saskatchewan	Physics and Engineering Physics	Saskatchewan	CANADA	13/06/2007	5	200,000	University Faculty Award/ Programme d'appui aux professeurs universitaires	Multi-instrument studies from the ground and space of solar-terrestrial coupling and magnetospheric dynamics	
Saeedi, Parvaneh-Akhtar	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	13/06/2007	5	200,000	University Faculty Award/ Programme d'appui aux professeurs universitaires	Adaptive vision system / 3D map reconstruction	
Van Wijngaarden, Jennifer	University of Manitoba	Chemistry	Manitoba	CANADA	13/06/2007	5	200,000	University Faculty Award/ Programme d'appui aux professeurs universitaires	Spectroscopic studies of molecular ions and radicals in the low frequency regime	
Webb, Tracy	McGill University	Physics	Québec	CANADA	13/06/2007	5	200,000	University Faculty Award/ Programme d'appui aux professeurs universitaires	The formation and evolution of massive galaxies	
Yee, Wai Ling (Linda)	University of Windsor	Mathematics and Statistics	Ontario	CANADA	13/06/2007	5	200,000	University Faculty Award/ Programme d'appui aux professeurs universitaires	Classifying unitary representations	