

**NSERC Grants and Scholarships**  
**From 04/01/2008 To 06/30/2008**

Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Abatzoglou, Nicolas	Université de Sherbrooke	Génie chimique	Québec	CANADA	16/05/2008	5	\$750,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Développement des technologies d'analyse de procédés (PAT) en génie pharmaceutique	
Abatzoglou, Nicolas	Université de Sherbrooke	Génie chimique	Québec	CANADA	18/04/2008	5	\$134,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Études de systèmes granulaires (solides divisée) dans des milieux réactionnels et non-réactionnels	
Abbatt, Jonathan	University of Toronto	Chemistry	Ontario	CANADA	18/04/2008	1	\$99,450	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Chemical ionization mass spectrometer for atmospheric chemistry field studies	
Abd-Ali, Jamal	Université du Québec en Outaouais	Informatique et d'ingénierie	Québec	CANADA	11/06/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Optimisation et recherche d'algorithmes en-ligne compétitifs pour le problème du k-serveur	
Abdel-Rahman, Eihab	University of Waterloo	Systems Design Engineering	Ontario	CANADA	18/04/2008	3	\$54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamics of micro-electro-mechanical system resonators	
Abedinzadegan Abdi, Majid	Memorial University of Newfoundland	Engineering and Applied Science, Faculty of	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	18/04/2008	5	\$115,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of technologies for production, processing, and transportation of unconventional natural gas resources	
Abnizova, Anna	York University	Geography	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Ecohydrology and Sustainability of a Regional Wetland System-Polar Bear Pass, Bathurst Island, Nunavut	
Abolmaesumi, Purang	Queen's University	Computing, School of	Ontario	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Medical image processing and computer-assisted surgery	
Abou Nohra, Joumana Samir	Tecslut Inc.	Service Hydraulique	Québec	CANADA	11/06/2008	2	\$60,000	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	Combination des images RADARSAT-2 au modèle hydrogéologique HELP	
AbouHaidar, Mounir	University of Toronto	Cell and Systems Biology	Ontario	CANADA	18/04/2008	2	\$50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analysis of the novel modalities of gene expression of the smallest (220 nucleotides) replicating virusoid	



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Aboulnaga, Ashraf	University of Waterloo	Computer Science, School of	Ontario	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Robustness in database management	
Abrahams, Mark	Memorial University of Newfoundland	Biology	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	16/05/2008	5	\$142,825	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Predator-prey interactions in aquatic communities	
Abrougui, Kaouther	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Service Discovery for Hybrid Wireless Mesh Networks	
Acker, Jason	University of Alberta	Laboratory Medicine and Pathology	Alberta	CANADA	16/05/2008	2	\$40,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Response of red blood cells to desiccation and dry storage	
Ackerman, Josef	University of Guelph	Integrative Biology	Ontario	CANADA	18/04/2008	5	\$146,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mass transport in aquatic environments	
Adamo, Shelley	Dalhousie University	Psychology	Nova Scotia/ Nouvelle- Écosse	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Adaptive significance of immune-neural- behavioural interactions	
Adamo, Shelley	Dalhousie University	Psychology	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$147,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Adaptive significance of immune-behavioural interactions	
Adams, Gregg	University of Saskatchewan	Veterinary Biomedical Sciences	Saskatchewan	CANADA	18/04/2008	5	\$225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ovulation-inducing factor: implications for mammalian fertility	
Adamus, Janusz	University of Western Ontario	Mathematics	Ontario	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Local geometry of real and complex analytic mappings	
Adeeb, Samer	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Behaviour of healthy versus symptomatic diarthrodial joints	
Adem, Alejandro	University of British Columbia	Pacific Institute for the Mathematical Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$5,500,000	Major Resources Support Program/ Programme d'appui aux ressources majeures	Pacific Institute for the Mathematical Sciences	
Adve, Raviraj	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	16/05/2008	2	\$138,550	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Advanced physical-layer link techniques for wireless mesh networks	
Afagh, Fred	Carleton University	Mechanical & Aerospace Engineering	Ontario	CANADA	18/04/2008	2	\$36,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structural dynamics and optimization of placement and configuration of actuators in smart	

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Affes, Sofiène	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunication - Montréal	Québec	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Enabling signal processing techniques for cognitive wireless transceivers	
Affes, Sofiène	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunication - Montréal	Québec	CANADA	18/04/2008	5	\$141,305	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Enabling signal processing techniques for cognitive wireless transceivers	
Agelinchab, Martin	University of Manitoba	Mechanical and Manufacturing Engineering	Manitoba	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	PIV study of three dimensional turbulent wall jets over smooth and rough surfaces	
Agnes, George	Simon Fraser University	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$205,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Particulate air pollution related studies at the interface between atmospheric chemistry and lung cell biology	
Ahmadi Torshizi, Faraz	University of Toronto	Computer Science	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Beyond contracts for concurrency	
Ahmadi, Majid	University of Windsor	Electrical Engineering	Ontario	CANADA	18/04/2008	5	\$292,360	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Low power, area efficient, high speed algorithms and architectures for computer arithmetic, pattern recognition and digital	
Ahmadi, Mojtaba	Carleton University	Mechanical & Aerospace Engineering	Ontario	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High-performance intelligent biorobotics and assistive locomotion	
Ahmadi, Mojtaba	Carleton University	Mechanical & Aerospace Engineering	Ontario	CANADA	18/04/2008	1	\$117,804	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Experimental platform for biorobotic and assistive locomotion systems	
Ahmady, Mohammad	Mount Allison University	Physics	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	3	\$45,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Constraints on new physics from observing B hadrons at the large hadron collider	
Aiello, William	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$88,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Security for enterprises and ISPs	
Aïmeur, Esma	Université de Montréal	Informatique et recherche opérationnelle	Québec	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Privacy issues in electronic commerce and e-learning	
Ait Mohamed, Otmane	Concordia University	Electrical and Computer Engineering	Québec	CANADA	18/04/2008	5	\$97,455	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hybrid approaches for functional verification of microelectronics systems	



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Ait-Kadi, Daoud	Université Laval	Génie mécanique	Québec	CANADA	18/04/2008	5	\$145,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optimisation de la fiabilité et de la disponibilité des systèmes assujettés à des défaillances aléatoires	
Ajila, Samuel	Carleton University	Systems and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Automating software model evolution	
Ajji, Abdellah	École Polytechnique de Montréal	Génie chimique	Québec	CANADA	18/04/2008	3	\$64,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Process-structure- performance relationships in polymer films and fibers and applications	
Akinyemi, John	University of Manitoba	Computer Science	Manitoba	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Integration of Heterogeneous Metadata for the Semantic Web and Enterprise Applications	
Akoum, Ali	Université Laval	Obstétrique et gynécologie	Québec	CANADA	18/04/2008	5	\$141,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Crosstalk between hCG and the IL 1 system at the embryo-maternal interface: role in early implantation and pregnancy	
Aksu, Ali	Memorial University of Newfoundland	Earth Sciences	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	16/05/2008	1	\$84,000	Discovery Grants Program - Ship Time/ Programme de subventions à la découverte - temps navire	Marmara Sea Gateway	
Al Geddawy, Tarek	University of Windsor	Industrial and Manufacturing Systems Eng.	Ontario	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	The Evolution of Manufacturing systems	
Al Sorkhy, Mohammad	University of Windsor	Biological Sciences	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Regulation of the Novel CDK Activator, Spy 1	
Alaca, Saban	Carleton University	Mathematics and Statistics, School of	Ontario	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theta functions and quadratic forms, convolution sums, Lambert series and Liouville type identities and Brewer type character sums	
Al-Bashabsheh, Ali	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Network Coding	
Aleksejevs, Aleksandrs	Memorial University of Newfoundland	Sir Wilfred Grenfell College	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	3	\$45,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Hadronic physics and symbolic calculations	



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Al-Emran, Ahmed	University of Calgary	Electrical and Computer Engineering	Alberta	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Decision Support for Operational Planning and Re-planning of Concurrent Release Development under Uncertainty	
Alexander, Alexa	University of New Brunswick	Biology (Fredericton)	New Brunswick/ Nouveau-Brunswick	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Nutrient masking: Linking patterns in adult aquatic insects to sublethal pesticide exposure.	
Alexander, Murray Ellis	University of Winnipeg	Physics	Manitoba	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Epidemic spreading with evolving contact network structure	
Alexandrakis, Catherine	University of Calgary	Geoscience	Alberta	CANADA	11/06/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Determination of outermost core velocity structure using SmKS phases	
Alfakih, Abdo	University of Windsor	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Distance geometry and its applications via semidefinite programming	
Alford, Spencer	University of Alberta	Chemistry	Alberta	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	The development of fluorescent live-cell bacterial biosensors.	
Alhajj, Reda	University of Calgary	Computer Science	Alberta	CANADA	18/04/2008	3	\$50,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Adaptive data mining techniques for challenging applications	
Al-Hussein, Mohamed	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Automation and modeling of construction processes	
Alkass, Sabah Toma	Concordia University	Building, Civil and Environmental Engineering	Québec	CANADA	18/04/2008	2	\$40,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Decision support systems for construction and automation of project management techniques	
Allaire-Leung, Suzanne	Université Laval	Sols & de génie agroalimentaire	Québec	CANADA	18/04/2008	5	\$95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Preferential flow of gas in soils	
Allen Demers, Louis-Alexis	Université Laval	Génie mécanique	Québec	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Synthèse, optimisation et prototypage d'une main sous-actionnée à cinq doigts pour un robot humanoïd	
Allen, Christine	University of Toronto	Pharmacy, Leslie Dan Faculty of	Ontario	CANADA	18/04/2008	5	\$230,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interactions and molecular organization in polymer surfactant systems	
Allen, Diana	Simon Fraser University	Earth Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fractured rock aquifers: groundwater recharge and climate change	

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Allin, Sonya	University of Toronto	Occupational Science & Occupational Therapy	Ontario	CANADA	07/05/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Low-Cost Automated Assessment of Stroke Survivors	
Allingham, John	Queen's University	Biochemistry	Ontario	CANADA	18/04/2008	5	\$185,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structural and functional investigations of novel kinesin assemblies: deciphering intersubunit communication in asymmetric motors	
Alsop, Derek	McMaster University	Biology	Ontario	CANADA	16/04/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Development of the Biotic Ligand Model with	
Altenhof, William	University of Windsor	Mechanical & Materials Engineering	Ontario	CANADA	18/04/2008	5	\$105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Novel energy dissipation devices for enhanced load/displacement and energy absorption	
Amer, Aishy	Concordia University	Electrical and Computer Engineering	Québec	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced real-time algorithms for object-based video content extraction	
Amsden, Brian	Queen's University	Chemical Engineering	Ontario	CANADA	16/05/2008	3	\$220,540	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Promotion of cartilage-to-cartilage healing	
Amsden, Brian	Queen's University	Chemical Engineering	Ontario	CANADA	18/04/2008	5	\$158,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biodegradable elastomers for tissue engineering	
Amundsen, David	Carleton University	Mathematics and Statistics, School of	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Asymptotic and qualitative analysis of nonlinear partial differential equations	
Amyot, Daniel	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	16/05/2008	3	\$190,500	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Performance management at the point of care: secure data delivery to drive clinical decision making processes for hospital	
Amyot, Daniel	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	18/04/2008	5	\$107,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Aspect-oriented requirements engineering with AoURN	
Amyotte, Paul	Dalhousie University	Process Engineering and Applied Science	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A hierarchical approach to loss prevention	
Anand, Christopher	McMaster University	Computing and Software	Ontario	CANADA	18/04/2008	5	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optimization in MRI and NMR	





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Andersen, Raymond	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$400,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	isolation, structure elucidation and synthesis of biologically active marine natural products	
Anderson, David	Dalhousie University	Mechanical Engineering	Nova Scotia/ Nouvelle- Écosse	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Numerical model development of grinding mico-mechanics	
Angeles, Jorge	McGill University	Mechanical Engineering	Québec	CANADA	18/04/2008	5	\$300,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design and control of multibody mechanical systems	
Angers, Bernard	Université de Montréal	Sciences biologiques	Québec	CANADA	18/04/2008	5	\$131,005	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Régulation épigénétique chez un vertébré asexué	
Angers, Jean-François	Université de Montréal	Mathématiques et de statistique	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bayesian functional data estimation and applications to climate change	
Anglin, Carolyn	University of Calgary	Civil Engineering	Alberta	CANADA	16/05/2008	3	\$165,400	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Medical imaging of knee kinematics after joint replacement	
Anglin, Carolyn	University of Calgary	Civil Engineering	Alberta	CANADA	24/06/2008	5	\$112,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Patellar computer-assisted surgery and intraoperative kinematics	
Anis, Hanan	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	16/05/2008	3	\$193,000	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Development of a fiber optic-based exoscope for the in-vivo study of spinal cord disorders	
Antar, Yahia	Royal Military College of Canada/ Collège militaire royal du Canada	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrated antennas: microwave circuits and electromagnetic scattering	
Antoniou, Andreas	University of Victoria	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$219,270	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Digital signal processing for communications and other applications	
Antoun, Hani	Université Laval	Sols & de génie agroalimentaire	Québec	CANADA	18/04/2008	5	\$125,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Consortiums et biofilms microbiens bénéfiques à la croissance des plantes	
Aquino, Manuel	St. Francis Xavier University	Chemistry	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$165,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthesis and Properties of Novel Metal Carboxylates	
Arbour, Nathalie	Université de Montréal	Médecine	Québec	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mediators shaping CD8 T cell activation and functions	
Arcand, Mathieu	PerkinElmer Biosignal Inc./ PerkinElmer Biosignal inc.	Head Office	Québec	CANADA	25/06/2008	2	\$60,000	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	Kinase-Substrate Pairing for High Throughput	

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Archambault, Marie	Université de Montréal	Médecine vétérinaire, faculté de	Québec	CANADA	18/04/2008	5	\$161,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigation into the association between antimicrobial resistance and virulence factors of clostridium perfringens	
Archambault, Philippe	Université du Québec à Rimouski	Sciences de la mer de Rimouski, Institut des	Québec	CANADA	18/04/2008	5	\$83,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Écologie des perturbations: variabilité spatiale et biodiversité en milieu benthique	
Archambault, Philippe	McGill University	Physical and Occupational Therapy, School of	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The powered-wheelchair simulator: a virtual reality based system to train future users	
Archer, Norman	McMaster University	Business, DeGroote School of	Ontario	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Framework and application of mobile healthcare practioner support	
Archibald, John	Dalhousie University	Biochemistry and Molecular Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	2	\$219,100	Special Research Opportunity Program - Project/ Programme d'occasion spéciale en recherche - projet	Impact of secondary endosymbiosis on eukaryotic genome evolution	
Arguin, Martin	Université de Montréal	Psychologie	Québec	CANADA	18/04/2008	5	\$109,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Codes for visual shape perception and the contribution of depth information	
Armenakis, (Constadinos) Costa	York University	Earth and Space Science and Engineering	Ontario	CANADA	18/04/2008	5	\$91,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Rapid mapping, monitoring and tracking-Development of low-cost unmanned aerial mapping system	
Armenta Barrera, Roberto	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Introducing nonuniform meshes into higher order finite difference time domain methodes by using coordinate system transformations	
Arminjon, Paul	Université de Montréal	Mathématiques et de statistique	Québec	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Numerical methods in fluid dynamics, combustion/detonation, magnetohydrodynamics and astrophysics	
Arnason, Terra	University of Saskatchewan	Medicine	Saskatchewan	CANADA	18/04/2008	5	\$162,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analysis of the role of the ubiquitin system in the regulation of yeast carbohydrate metabolism	



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Arnaud, Emmanuelle	University of Guelph	Land Resource Science	Ontario	CANADA	16/05/2008	3	\$63,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The sedimentary record of ancient glaciations in tectonically-active basins	
Aroonwilas, Adisorn	University of Regina	Engineering, Faculty of	Saskatchewan	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Combined mass-transfer and energy-flux studies for Absorption-based CO2 capture process	
Arsenault, David	École de technologie supérieure	Génie mécanique	Québec	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Optimisation de la fiabilité d'un système hybride pour véhicules lourds	
Arsenault, Louis-François	Université de Sherbrooke	Physique	Québec	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Transport dans les matériaux à interactions électroniques fortes	
Arsenault, Marc	Royal Military College of Canada/ Collège militaire royal du Canada	Mechanical Engineering	Ontario	CANADA	18/04/2008	5	\$95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Développement, analyse et synthèse de nouveaux mécanismes de tensesgrité à actionnement hybride	
Artymowicz, Pawel	University of Toronto	Physical & Environmental Sciences (Scarborough College)	Ontario	CANADA	18/04/2008	5	\$122,710	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Origin and early evolution of planetary systems	
Aruliah, Dhavide	University of Ontario Institute of Technology	Science, Faculty of	Ontario	CANADA	18/04/2008	2	\$32,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algorithms for computerised tomography	
Arzanpour, Siamak	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of switchable mounts for variable displacement engines	
Asgharian, Masoud	McGill University	Mathematics and Statistics	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analysis of prevalent cohort survival data	
Ashkan, Azin	University of Waterloo	Computer Science, School of	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	An enterprise search system based on user data and classification of documents into genres	
Ashkar, Fahim	Université de Moncton	Mathématique et statistique	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Extreme value modelling applied in hydrology	
Ashlock, Daniel	University of Guelph	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$113,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Adaptive computation for biological modeling	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Ashton, Neil	University of Regina	Biology	Saskatchewan	CANADA	18/04/2008	5	\$125,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional analysis of the complete MADS-box gene family in the moss, physcomitrella patens	
Askari-Nasab, Hooman	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	18/04/2008	5	\$91,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Intelligent integrated mining and mineral processing systems	
Asner, David	Carleton University	Physics	Ontario	CANADA	18/04/2008	3	\$161,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Completion of the heavy flavour physics program at CLEO	
Asselin, Edouard	University of British Columbia	Materials Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	4	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Electrochemistry at high temperatures and pressures	
Asselin, Eric	Université du Québec à Trois- Rivières	Chimie-biologie	Québec	CANADA	18/04/2008	5	\$214,045	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of cell survival in the rat uterus	
Atkinson, William	Trent University	Physics and Astronomy	Ontario	CANADA	18/04/2008	5	\$130,840	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theory of inhomogeneous strongly-correlated systems	
Aucoin, Marc	University of Waterloo	Chemical Engineering	Ontario	CANADA	18/04/2008	4	\$96,240	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of novel tools and strategies for vector- based process intensification	
Audet, Julie	University of Toronto	Biomaterials and Biomedical Engineering, Inst. of (IBBME)	Ontario	CANADA	18/04/2008	5	\$145,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Single-cell sampling and analysis	
Audet, Patrick	University of Ottawa/ Université d'Ottawa	Biology	Ontario	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Dynamics of arbuscular mycorrhizal symbiosis in heavy metal phytoremediation.	
Audette, Gerald	York University	Chemistry	Ontario	CANADA	18/04/2008	3	\$90,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Characterization and functionalization of pilin- derived protein nanotubes	
Aukema, Brian	University of Northern British Columbia	Natural Resources and Environmtal Studies, Fac. of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Host selection and colonization dynamics in bark beetles: costs and benefits to reproduction in a novel host species	
Aukema, Harold	University of Manitoba	Human Nutritional Sciences	Manitoba	CANADA	18/04/2008	1	\$35,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Effect of diet and disease on renal eicosanoid formation in the kidney	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Avilés, Leticia	University of British Columbia	Zoology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$152,675	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Causes and consequences of social evolution	
Avis, Christopher	University of Victoria	Earth and Ocean Sciences, School of	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Predicting the impacts of future anthropogenic climate change on canadian ecosystems	
Ayers, Paul	McMaster University	Chemistry	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Predicting the products and mechanisms of chemical reactions using density- functional theory	
Ayers, Paul	McMaster University	Chemistry	Ontario	CANADA	18/04/2008	5	\$335,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Predicting the products and mechanisms of chemical reactions using density- functional theory	
Azaiez, Jalel	University of Calgary	Chemical and Petroleum Engineering	Alberta	CANADA	18/04/2008	5	\$125,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interfacial instabilities in flow displacements of nano- particle suspensions	
Azam, Shahid	University of Regina	Engineering, Faculty of	Saskatchewan	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geotechnical evaluation of tailings thickening	
Azarnoush, Hamed	McGill University	Electrical and Computer Engineering	Québec	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Thermoforming reheat process control by developing parameter- varying techniques	
Aziz, Hany	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	18/04/2008	5	\$178,815	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigating electrical aging phenomena in blue organic light emitting devices	
Azelos, Georges	Université de Montréal	Physique	Québec	CANADA	18/04/2008	1	\$30,787	Subatomic Physics Envelope - Research Tools and Instruments/ Enveloppe de physique subatomique - Outils et instruments de recherche	Upgrade of computer facilities in montreal	
Babul, Arif	University of Victoria	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$220,875	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Heating and cooling of diffuse hot gas in groups and clusters	
Bachand, Marianne	Université Laval	Biologie	Québec	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Effets de la densité de cerfs sur la diversité végétale de la sapinière à bouleau blanc et des tourbières.	
Bachmayer, Ralf	Memorial University of Newfoundland	Engineering and Applied Science, Faculty of	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Underwater gliders - dynamics, control and navigation	



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Bachvarov, Dimcho	Université Laval	Médecine	Québec	CANADA	16/05/2008	3	\$369,000	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Comprehensive screening for novel epigenetic targets in advanced ovarian cancer by functional epigenomics	
Baddour, Raouf	University of Western Ontario	Civil and Environmental Engineering	Ontario	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Climate change impacts on hydraulic phenomena	
Badescu, Alexandru	University of Calgary	Mathematics and Statistics	Alberta	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Pricing and hedging financial derivatives in incomplete markets	
Badia, Antonella	Université de Montréal	Chimie	Québec	CANADA	18/04/2008	5	\$235,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Unconventional surface patterning routes	
Baenziger, John	University of Ottawa/ Université d'Ottawa	Biochemistry, Microbiology and Immunology	Ontario	CANADA	18/04/2008	5	\$171,860	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structural characterization of proteins involved in iron uptake in C. jejuni	
Baerlocher, Felix	Mount Allison University	Biology	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$246,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular and functional studies on aquatic fungi	
Baik, Oon-Doo	University of Saskatchewan	Agricultural and Bioresource Engineering	Saskatchewan	CANADA	18/04/2008	5	\$105,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Radio-frequency thermal applications for food and bioprocesses	
Bailey, David	Institute of Particle Physics/ Institut de la Physique des Particules	Head Office	Ontario	CANADA	22/04/2008	5	\$5,944,000	Subatomic Physics Envelope - Major Resources Support Program/ Enveloppe de physique subatomique - programme d'appui aux ressources majeures	Institute of particle physics	
Bailey, Susan	University of Ottawa/ Université d'Ottawa	Biology	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The influence of spatial heterogeneity on diversity	
Bain, John	University of Lethbridge	Biological Sciences	Alberta	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Post glacial reticulate evolution: phylogeography of Packera in western North America	
Baker, Robert	University of Toronto	Ecology and Evolutionary Biology	Ontario	CANADA	18/04/2008	5	\$88,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Consequences of antipredator & antiparasite behaviour	
Balachandar, Ramaswami	University of Windsor	Civil and Environmental Engineering	Ontario	CANADA	18/04/2008	5	\$145,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced experiments and simulations to model coherent structures in shallow smooth and rough open channels	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Balg, Christian	Université Laval	Chimie	Québec	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Synthèse d'inhibiteur des aminoacyl-ARNt synthétases et des aminoacyl-ARNt amidotransférases	
Ball, Alexander	McMaster University	Pathology and Molecular Medicine	Ontario	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Retinal ganglion cell survival after ET-1 injury	
Ball, Gordon	TRIUMF	Science Division	British Columbia/ Colombie-Britannique	CANADA	16/05/2008	3	\$210,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	Superallowed Fermi beta decay	
Ballivy, Gérard	Université de Sherbrooke	Génie civil	Québec	CANADA	18/04/2008	5	\$227,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dégradation et comportement des interfaces de béton dans les ouvrages hydrauliques atteints de réaction alcalis-	
Balogh, Michael	University of Waterloo	Physics and Astronomy	Ontario	CANADA	18/04/2008	5	\$181,605	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quenching star formation via hierarchical clustering of galaxies	
Banihashemi, Amir	Carleton University	Systems and Computer Engineering	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Iterative coding and processing for digital and wireless communications	
Banihashemi, Amir	Carleton University	Systems and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$141,305	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Iterative coding and processing for digital and wireless communications	
Banthia, Nemkumar	University of British Columbia	Civil Engineering	British Columbia/ Colombie-Britannique	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Smart, sustainable, and bio-inspired fiber reinforced cementitious composites with high dynamic fracture toughness	
Banthia, Nemkumar	University of British Columbia	Civil Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$205,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Smart, sustainable, and bio-inspired fiber reinforced cementitious composites with high dynamic fracture toughness	
Bao, Xiaoyi	University of Ottawa/ Université d'Ottawa	Physics	Ontario	CANADA	18/04/2008	5	\$291,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fiber: sensing, communications and lasers	
Baptiste, Pierre	École Polytechnique de Montréal	Mathématiques et génie industriel	Québec	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Pilotage des plateformes de transbordement	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Barati, Mansoor	University of Toronto	Materials Science and Engineering	Ontario	CANADA	16/05/2008	2	\$40,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Liquid mixing in metallurgical baths covered with thick slag	
Barati, Mansoor	University of Toronto	Materials Science and Engineering	Ontario	CANADA	18/04/2008	4	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of dynamic slag foaming model	
Barbeau, Michel	Carleton University	Computer Science, School of	Ontario	CANADA	18/04/2008	5	\$144,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Broadband wireless access mesh network management	
Barbosa, Denilson	University of Calgary	Computer Science	Alberta	CANADA	18/04/2008	5	\$111,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Web data management	
Bard, Nolan	University of Alberta	Computing Science	Alberta	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Bayesian Filtering for Agent Modelling and Inference in Complex	
Bardo, Lina	McGill University	Natural Resource Sciences	Québec	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Influence of Long-term Captive Breeding on the Morphology, Physiology and Behavior of the American Kestrel (Falco sparverius)	
Barfoot, Tim	University of Toronto	Aerospace Studies, Institute for	Ontario	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Localization for planeray rovers	
Barkanova, Svetlana	Acadia University	Physics	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	2	\$30,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Precision computations for standard model and beyond	
Barmby, Pauline	University of Western Ontario	Physics and Astronomy	Ontario	CANADA	24/06/2008	5	\$127,615	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Star formation histories of nearby galaxies	
Bar-Natan, Dror	University of Toronto	Mathematics	Ontario	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Knot theory and algebra	
Barnes, Sarah-Jane	Université du Québec à Chicoutimi	Sciences appliquées	Québec	CANADA	18/04/2008	5	\$260,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Formation of magmatic PGE- and Ni-deposits	
Baron, Christian	McMaster University	Biology	Ontario	CANADA	18/04/2008	5	\$205,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interactions of alpha-proteobacteria with eukaryotic cells	
Barreda, Daniel	University of Alberta	Agricultural, Food and Nutritional Science	Alberta	CANADA	18/04/2008	5	\$167,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Comparative biology of phagocytic antimicrobial responses	





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Barrett, Sean	Dalhousie University	Psychology	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	2	\$30,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The effects of nicotine and tobacco on human reinforcement processes	
Barrette, Jean	McGill University	Physics	Québec	CANADA	18/04/2008	3	\$74,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Nucleus-nucleus reaction mechanism at relativistic energy	
Barry, Sean	Carleton University	Chemistry	Ontario	CANADA	18/04/2008	2	\$54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of atomic layer deposition precursors	
Barsky, Marina	University of Victoria	Computer Science	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Large-Scale Genome Indexing	
Bartello, Peter	McGill University	Atmospheric and Oceanic Sciences	Québec	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geophysical fluid turbulence	
Bartha, Robert	University of Western Ontario	Medical Biophysics	Ontario	CANADA	18/04/2008	5	\$78,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Detection of PARACEST agents in biological systems	
Bartlett, Michael	University of Western Ontario	Civil and Environmental Engineering	Ontario	CANADA	18/04/2008	5	\$165,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Rehabilitation of bridges and buildings: mechanics, reliability and design	
Barton, Jason	University of British Columbia	Medicine, Faculty of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$139,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Contrast-based face adaptation: a new method for exploring the organization of face-space	
Bassel, George	Oregon State University	Horticultural	Oregon	UNITED STATES/ CANADA	07/05/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Systems biology of seed germination and dormancy	
Bastien, Josée	Université Laval	Génie civil	Québec	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fiabilité et évaluation structurale des ponts	
Bates, Amanda	University of British Columbia	Zoology	British Columbia/ Colombie-Britannique	CANADA	07/05/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Predicting the impact of global warming on the resilience of the keystone predator, Pisaster ochraceus, to a sperm feeding parasite	
Batey, Robert	University of Toronto	Chemistry	Ontario	CANADA	18/04/2008	5	\$425,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New developments in organic synthesis	
Bathurst, Richard	Royal Military College of Canada/ Collège militaire royal du Canada	Civil Engineering	Ontario	CANADA	18/04/2008	5	\$200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Static and seismic performance of geosynthetic and metallic reinforced soil walls	



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Baugh, Jonathan	University of Waterloo	Chemistry	Ontario	CANADA	18/04/2008	5	\$152,645	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spin-based quantum information processing in the solid-state	
Bauschke, Heinz	University of British Columbia	Okanagan - Mathematics, Statistics and Physics Unit	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Convex Analysis, monotone operators and projection algorithms	
Bax, Jeffrey	University of Western Ontario	Engineering, Faculty of	Ontario	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Development of a New Generation of Surgical Tools for the Diagnosis and Treatment of Prostate Cancer	
Bayley, Suzanne	University of Alberta	Biological Sciences	Alberta	CANADA	18/04/2008	5	\$123,125	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Effects of climatic and biotic factors on the ecology and nutrient dynamics of marshes and shallow open waters in natural and disturbed	
Bazin, Claude	Université Laval	Génie des mines, métallurgie et matériaux	Québec	CANADA	18/04/2008	5	\$105,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modélisation de lixiviation des minerais d'or en pr.sence de charbon après pré oxydation du minerai	
Bazinet, Laurent	Université Laval	Sciences des aliments et de nutrition	Québec	CANADA	18/04/2008	5	\$130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Impact of pulsed electric field on membrane fouling susceptibility during electromembrane processes	
Beach, David	University of Toronto	Aerospace Studies, Institute for	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Evolving Cooperative Task Controllers For Decentralized Multi-agent Robotic Networks	
Beach, Kevin	University of Alberta	Physics	Alberta	CANADA	18/04/2008	5	\$109,035	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Simulating unconventional quantum phases using valence bond states	
Beach, Nicholas	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	14/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Tandem metathesis- functionalization strategies: A mechanistic approach	
Bearne, Stephen	Dalhousie University	Biochemistry and Molecular Biology	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$257,795	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of binding determinants in enzyme catalysis	
Beatty, John	University of British Columbia	Microbiology and Immunology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$410,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Responses of bacteria to environmental signals, and activities in nature	



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Beauchamp, Benoit	University of Calgary	Geoscience	Alberta	CANADA	18/04/2008	5	\$165,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Oceans acidification and arctic carbonates	
Beauchamp, Benoit	University of Calgary	Geoscience	Alberta	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Northern Research Supplement/ Programme de subventions à la découverte - supplément en recherche nordique	Oceans acidification and arctic carbonates	
Beauchemin, André	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	18/04/2008	3	\$141,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development and applications of alkene and alkyne hydroamination	
Beauchemin, Diane	Queen's University	Chemistry	Ontario	CANADA	18/04/2008	5	\$170,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of methods to assess the bio-accessibility and speciation of elements in food and airborne particulate matter	
Beaudoin, David	Université Laval	Opérations et systèmes de décision	Québec	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bivariate survival analysis with complete or censored data	
Beaudrie, Christian	University of British Columbia	Resources, Environment and Sustainability, Institute for	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	An assessment methodology for evaluating human health and environmental risks over the lifecycle of emerging nanomaterials	
Beaudry, Hélène	Université de Sherbrooke	Physiologie et biophysique	Québec	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Mécanismes cellulaires impliqués dans le développement de la tolérance	
Beaudry, Martin	Université de Sherbrooke	Sciences, Faculté des	Québec	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Langages formels, groupeïdes et automates	
Beaulieu, Luc	Université Laval	Physique, génie physique et optique	Québec	CANADA	18/04/2008	5	\$217,600	Discovery Grants Program - Group/ Programme de subventions à la découverte - équipe	Optimisation, traitements d'images et détection du rayonnement pour applications médicales (OTID)	
Beaulieu, Luc	Memorial University of Newfoundland	Physics and Physical Oceanography	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	5	\$139,560	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Experiment and computational study of cantilever sensors	
Beaulieu, Norman	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	18/04/2008	5	\$389,810	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Wireless communications and digital transmission	
Beaulieu-Bergeron, Sebastien	McGill University	Chemical Engineering	Québec	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Kinetic studies of hydrate systems	



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Beaumier, Francis	Université de Sherbrooke	Chimie	Québec	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Synthèse totale du dilkamural et du sécospatacétal B	
Beauplet, Gwénaél	Université Laval	Biologie	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Individual and aseasonal variation in habitat use, foraging strategies and reproductive performances of marine top predators	
Beauregard, Marc	Université du Québec à Trois-Rivières	Chimie-biologie	Québec	CANADA	18/04/2008	3	\$72,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Elucidation of endopolygalacturonase structural determinants	
Beausoleil-Morrison, Ian	Carleton University	Mechanical & Aerospace Engineering	Ontario	CANADA	18/04/2008	5	\$130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Innovative energy systems for residential buildings	
Bédard, Yvan	Université Laval	Sciences géomatiques	Québec	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Extending geomatics system design methods to formally embed spatial data quality issues	
Bédard, Yvan	Université Laval	Sciences géomatiques	Québec	CANADA	18/04/2008	5	\$250,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Extending geomatics system design methods to formally embed spatial data quality issues	
Bede, Jacqueline	McGill University	Plant Science	Québec	CANADA	18/04/2008	5	\$155,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Caterpillar-specific defense responses in plants	
Bedell, Barry	McGill University	Neurology and Neurosurgery	Québec	CANADA	16/05/2008	3	\$216,000	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	New molecular magnetic resonance imaging (mMRI) contrast agents for imaging of Cathepsin B	
Bedi, Sanjeev	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	18/04/2008	2	\$100,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	High speed machining of wood and plastic artefacts	
Beech, Robin	McGill University	Parasitology, Institute of (Macdonald)	Québec	CANADA	18/04/2008	2	\$54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Anthelmintic resistance in parasitic nematodes	
Bégin-Drolet, André	Université Laval	Génie mécanique	Québec	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Développement d'un anémomètre anti-glace chauffant pour le domaine de l'énergie éolienne	
Behdinan, Kamran	Ryerson University	Aerospace Engineering	Ontario	CANADA	18/04/2008	5	\$95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bridging finite element-molecular dynamics method for multiscale modeling of solids	



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Behr, John	TRIUMF	Science Division	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$346,392	Subatomic Physics Envelope - Major Resources Support Program/ Enveloppe de physique subatomique - programme d'appui aux ressources majeures	Expert support for astrophysics, exotic structure, andd	
Beischlag, Timothy	Simon Fraser University	Health Sciences, Faculty of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular determinants of bHLH-PAS transcription factor function	
Beisner, Beatrix	Université du Québec à Montréal	Sciences biologiques	Québec	CANADA	18/04/2008	5	\$122,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Community assembly and function in lake plankton	
Belhocine, Kamila	Stanford University	Microbiology and Immunology	California/ Californie	UNITED STATES/ ÉTATS-UNIS	16/04/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Deciphering the rrole of the Francisella tularensis pathogenicity island in virulence	
Belinschi, Serban	University of Saskatchewan	Mathematics and Statistics	Saskatchewan	CANADA	16/05/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Free convolutions of operator-valued distributions: properties and applications	
Bélisle, Marc	Université de Sherbrooke	Biologie	Québec	CANADA	18/04/2008	5	\$88,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Behavioural landscape ecology of hummingbirds: from individuals to populations - Écologie comportementale et du paysage des colibris: de l'individu a la population	
Belke, Terry	Mount Allison University	Psychology	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$96,180	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Reinforcing properties of wheel running	
Bell, Graham	McGill University	Biology	Québec	CANADA	18/04/2008	5	\$494,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Adaptation to natural variability and global change	
Bell, Graham	McGill University	Biology	Québec	CANADA	18/04/2008	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	
Bell, John	University of Alberta	Biological Sciences	Alberta	CANADA	18/04/2008	2	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	SD and VG proteins in drosophila development	
Bell, Peter	University of Western Ontario	Richard Ivey School of Business	Ontario	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Strategic operations research	
Bellehumeur, Céline	University of Calgary	Chemical and Petroleum Engineering	Alberta	CANADA	18/04/2008	5	\$125,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Densification and Solidification phenomena in polymer processing	



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Belostotski, Leonid	University of Calgary	Electrical and Computer Engineering	Alberta	CANADA	18/04/2008	5	\$107,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High-end wideband receiver design	
Ben Ameer, Hatem	HEC Montréal	Méthodes quantitatives de gestion, Service de l'enseignement des	Québec	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Efficiency improvement of stochastic dynamic programs for option pricing	
Ben Amor, Sarah	University of Ottawa/ Université d'Ottawa	Management, School of	Ontario	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	L'impact d'une information additionnelle dans une modélisation multicritère face aux imperfections de l'information	
Ben Hamza, Abdessamad	Concordia University	Concordia Institute for Information Systems Engineering (CIISE)	Québec	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Morse-theoretic topological modeling of 3D objects and applications	
Benbasat, Izak	University of British Columbia	Sauder School of Business	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	1	\$29,125	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The design of web-based intelligent product and merchant recommendation agents to improve industrial productivity	
Bendena, William	Queen's University	Biology	Ontario	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Identification and functional characterization of allatostatin	
Bender, Timothy	University of Toronto	Chemical Engineering and Applied Chemistry	Ontario	CANADA	18/04/2008	3	\$84,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	neuropeptides and their Subphthalocyanines to achieve broad spectral absorption and produce a photocurrent in an organic solar cell	
Benedicenti, Luigi	University of Regina	Engineering, Faculty of	Saskatchewan	CANADA	18/04/2008	5	\$107,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Agile process invariants	
Bennett, Elena	McGill University	Environment, McGill School of	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Understanding resilience across the landscape: mapping, modeling, and managing ecosystem services	
Bennett, Jonathan	University of Alberta	Biological Sciences	Alberta	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Linking root-fungal interactions to community structure: a role for pollinators?	





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Bennett, Patrick	McMaster University	Psychology, Neuroscience & Behaviour	Ontario	CANADA	18/04/2008	5	\$195,195	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Psychophysical analyses of human pattern vision	
Bentley, Laurence	University of Calgary	Geology and Geophysics	Alberta	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrated geophysical methods for enhanced site characterization	
Benyoucef, Morad	University of Ottawa/ Université d'Ottawa	Management, School of	Ontario	CANADA	18/04/2008	5	\$93,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Negotiation services for e- marketplaces	
Berg, David	University of Victoria	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$240,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ligand control of the metal coordination sphere by design in coordination and organometallic chemistry	
Berger, Robert	McMaster University	Psychology, Neuroscience & Behaviour	Ontario	CANADA	14/05/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	The impact of environmental toxins on pregnancy, endogenous hormone levels and	
Bergeron, Nantel	York University	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Combinatorial Hopf algebras and applied algebras	
Bergeron, Pierre	Université de Montréal	Physique	Québec	CANADA	18/04/2008	5	\$269,955	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A theoretical and observational spectroscopic study of white dwarf stars	
Bergougrou, Maurice	University of Western Ontario	Chemical and Biochemical Engineering	Ontario	CANADA	18/04/2008	3	\$72,180	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mitigation of: (a) global warming through active solar insulation of houses and buildings; (b) drinking water pollution by organic chemical residues, fluidized capsule reactor	
Bergquist, Bridget	University of Toronto	Geology	Ontario	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Trace metal and metal isotope biogeochemistry	
Berini, Pierre	University of Ottawa/ Université d'Ottawa	Engineering, Faculty of	Ontario	CANADA	16/06/2008	2	\$310,000	EWB Steacie Fellowships/ EWB Steacie	Active devices based on surface plasmons	
Bernard, Carole	University of Waterloo	Statistics and Actuarial Science	Ontario	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Equilibrium in the insurance and financial markets	
Bernard, Elyse	Carleton University	Chemistry	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Luminescence-based as a means to understand the recognition event in aptamer-target binding	



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Bernier, Jacques	Institut national de la recherche scientifique	INRS-Institut Armand-Frappier	Québec	CANADA	18/04/2008	2	\$48,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Identification des mécanismes de contrôle de l'apoptose nucléaire impliquant la tyrosine phosphatase CD 45	
Bernier, Louis	Université Laval	Sciences du bois et de la forêt	Québec	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Role of yeast-mycelium transition in the pathogenicity of the Dutch elm disease fungus	
Bernier, Louis	Université Laval	Sciences du bois et de la forêt	Québec	CANADA	18/04/2008	5	\$255,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ophiostoma novo-ulmi transition in the pathogenicity of the Dutch elm disease fungus	
Berry, Daniel	University of Waterloo	Computer Science, School of	Ontario	CANADA	16/05/2008	5	\$622,105	Industrial Research Chairs/ Professeurs-chercheurs industriels	Role of yeast-mycelium transition in the pathogenicity of the Dutch elm disease fungus	
Berthiaume, Vincent	McGill University	Psychology	Québec	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Engineering of Service-oriented Software Systems	
Berube, Nathalie	University of Western Ontario	Biochemistry	Ontario	CANADA	18/04/2008	3	\$63,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Towards a developmental understanding of theory of mind: Evidence from implicit false belief approach and avoidance tasks and neural network	
Bérubé, Pierre	University of British Columbia	Civil Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Epigenetic control of ancestral pseudoautosomal genes in the mouse brain	
Bezuidenhout, Louis Wentzel	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	14/05/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Optimization of membrane technologies for drinking water treatment	
Bhadauria, Major	Cornell University	Electrical & Computer Engineering, School of	New York	UNITED STATES/ ÉTATS-UNIS	07/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Porous Nanostructured thin film microfluidic devices for molecular separations	
Bhalla, Ruchi	University of Western Ontario	Anatomy and Cell Biology	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	High Performance Cache Memory	
									The Life Cycle of Pannexins:Gap Junction Formation, Internalization and Degredation	

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Bhargava, Apurva	University of British Columbia	Botany	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Functional analysis of the regulatory network involved in secondary cell wall and lignin deposition in arabidopsis stems	
Bhattacharya, Kankar	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New paradigms in operations and planning of power distribution systems in the deregulated environment	
Bichler, Paul	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Synthesis and applications of alkyl vinyl sulfides and chiral aziridines	
Biden, Edmund	University of New Brunswick	Mechanical Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$89,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Assessment of upper limb amputees with and without prostheses	
Bidinosti, Christopher	University of Winnipeg	Physics	Manitoba	CANADA	18/04/2008	5	\$148,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Verly low field nuclear magnetic resonance and magnetic resonance imaging using hyperpolarized gases and	
Bielefeld, Kirsten	University of Toronto	Laboratory Medicine and Pathobiology	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The interaction of beta- catenin with extracellular matrix components in dermal fibroblasts during wound healing.	
Bierenstiel, Matthias	Cape Breton University	Chemistry	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	3	\$87,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New N,S-hybrid ligands for binuclear transition metal complexes	
Bieringer, Mario	University of Manitoba	Chemistry	Manitoba	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Exploring solid state reaction pathways with IN SITU methods	
Bijl, Janetta	Université de Montréal	Médecine	Québec	CANADA	18/04/2008	3	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The effect of hoxb4 on self- renewal activity of memory t-cells	
Billinton, Roy	University of Saskatchewan	Electrical & Computer Engineering	Saskatchewan	CANADA	18/04/2008	5	\$290,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analytical methods in power system reliability, economics and	
Bilodeau, Martin	University of Ottawa/ Université d'Ottawa	Health Sciences, Faculty of	Ontario	CANADA	18/04/2008	3	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Acute effects of exercise- induced neuromuscular fatigue on posture control with aging	

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Bilodeau, Martin	Université de Montréal	Mathématiques et de statistique	Québec	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analyse multivariée non-paramétrique et paramétrique	
Bindiganavile, Vivek	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	16/05/2008	3	\$49,750	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Size effect in shear for fiber reinforced concrete members	
Bingham, Derek	Simon Fraser University	Statistics and Actuarial Science	British Columbia/ Colombie-Britannique	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	The design and analysis of complex industrial experiments	
Bingham, Derek	Simon Fraser University	Statistics and Actuarial Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The design and analysis of complex industrial experiments	
Birk, Michael	Queen's University	Mechanical and Materials Engineering	Ontario	CANADA	16/06/2008	4	\$486,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Energy efficient exhaust systems for gas turbine and diesel engines	
Birss, Viola	University of Calgary	Chemistry	Alberta	CANADA	18/04/2008	5	\$395,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Formation, characterization and application of novel materials and processes at electrode surfaces	
Bishnoi, Prithwi Raj	University of Calgary	Chemical and Petroleum Engineering	Alberta	CANADA	18/04/2008	3	\$80,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Thermodynamics and kinetics of gas hydrate formation and	
Bishop, Donald Paul	Dalhousie University	Process Engineering and Applied Science	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	3	\$322,943	Strategic Projects/ Projets stratégiques	Hot forging of emerging aluminum powder metallurgy alloys	
Biskri, Ismail	Université du Québec à Trois-Rivières	Mathématiques et informatique	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applications linguistiques multilingues: apport des grammaires catégorielles	
Bisnath, Sunil	York University	Earth and Space Science and Engineering	Ontario	CANADA	18/04/2008	5	\$101,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Precise Global Navigation Satellite system (GNSS) positioning and navigation in remote areas	
Bizheva, Kostadinka	University of Waterloo	Physics and Astronomy	Ontario	CANADA	18/04/2008	5	\$212,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multifunctional, high speed, ultrahigh resolution optical coherence tomography for biomedical and industrial applications	
Blais, Alexandre	University of Ottawa/ Université d'Ottawa	Biochemistry, Microbiology and Immunology	Ontario	CANADA	18/04/2008	3	\$87,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Combinatorial regulation of transcription by muscle transcription factors	



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Blais, Carl	Université Laval	Génie des mines, métallurgie et matériaux	Québec	CANADA	18/04/2008	5	\$105,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optimisation de l'usinabilité de pièces fabriquées par métallurgie des poudres à l'aide d'une approche d'ingénierie des	
Blais, Chris	University of California - Berkeley	Head Office	California/ Californie	UNITED STATES/ ÉTATS-UNIS	07/05/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	The role of conflict monitoring in cognitive control	
Blais, Jean-François	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	18/04/2008	5	\$155,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Traitement de matrices polluées par les métaux toxiques	
Blais, Jules	University of Ottawa/ Université d'Ottawa	Biology	Ontario	CANADA	18/04/2008	5	\$147,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Contaminant biovector transport	
Blanchet, Jean-Pierre	Université du Québec à Montréal	Sciences de la terre et de l'atmosphère	Québec	CANADA	18/04/2008	2	\$39,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A study of cold anomalies formation from aerosols, clouds, precipitation and radiation interactions in the Arctic and globally in the upper troposphere	
Blanchette, Mathieu	McGill University	Computer Science, School of	Québec	CANADA	18/04/2008	5	\$155,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational characterization of regulatory elements in the human genome	
Blanco, Mauricio	University of British Columbia	Chemical and Biological Engineering	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Novel Engineered Gas Diffusion Layer with Integral Flow Field for Fuel	
Bland, Brian	University of Calgary	Psychology	Alberta	CANADA	18/04/2008	5	\$234,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Electrophysiological and pharmacological investigation of hippocampal formation function	
Blank, Volker	McGill University	Medicine	Québec	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulators mediating the proinflammatory cytokine response in uterine smooth muscle cells	
Blay, Jonathan	Dalhousie University	Pharmacology	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$200,505	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Energy-sensing regulation of cell-surface proteins	
Blitvic, Natasa	Massachusetts Institute of Technology	Electrical Engineering and Computer Science	Massachusetts	UNITED STATES/ ÉTATS-UNIS	07/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Communicationn Under the Complexity- constrained Paradigm	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Bloemendal, Alexander	University of Toronto	Mathematical and Computational Sciences (Mississauga)	Ontario	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Convex analysis and the Principal-Agent Problem: Optimal decision-making facing asymmetric information	
Blohm, Gunnar	Queen's University	Physiology	Ontario	CANADA	16/05/2008	5	\$75,035	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Visuomotor velocity transformations for eye movements	
Blostein, Dorothea	Queen's University	Computing, School of	Ontario	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Document analysis systems	
Blouin, Jean-Sébastien	University of British Columbia	Human Kinetics, School of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$128,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neurophysiology of human neck and lower limb motoneurons	
Blouin, Simon	Université de Sherbrooke	Biologie	Québec	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Étude de la relation structure/fonction du riborégulateur lysine	
Blouin-Demers, Gabriel	University of Ottawa/ Université d'Ottawa	Biology	Ontario	CANADA	18/04/2008	5	\$147,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Behavioural and physiological ecology of reptiles	
Blunden, Peter	University of Manitoba	Physics and Astronomy	Manitoba	CANADA	18/04/2008	5	\$225,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Electroweak interactions and relativistic many-body problems	
Blustein, William	Dalhousie University	Computer Science, Faculty of	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$84,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Augmenting human information processing through hypertext	
Boal, David	Simon Fraser University	Physics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$73,125	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolution of the cell's mechanical function and design	
Bobier, Bruce	University of Guelph	Computing and Information Science	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Object recognition using hierarchical temporal memory	
Bocher, Philippe	École de technologie supérieure	Génie mécanique	Québec	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cellular automata applications in the field of mechanical engineering and aerospace material	
Bock, Wojtek	Université du Québec en Outaouais	Informatique et d'ingénierie	Québec	CANADA	18/04/2008	5	\$194,905	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Study of fiber-optic sensing system based on the laboratory-on-a-fiber concept	





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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Bodwell, Graham	Memorial University of Newfoundland	Chemistry	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	18/04/2008	5	\$355,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Pyrenophanes and inverse electron demand Diels-Alder reactions in the synthesis of new organic molecules with exploitable	
Bogart, James	University of Guelph	Integrative Biology	Ontario	CANADA	18/04/2008	5	\$83,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolution and speciation of amphibians	
Bohle, David	McGill University	Chemistry	Québec	CANADA	18/04/2008	1	\$55,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New chemistry from the biology of the nitrogen oxides	
Bohun, Christopher	University of Ontario Institute of Technology	Science, Faculty of	Ontario	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mathematical modelling of multiphase/multicomponent processes with	
Boire, Gilles	Université de Sherbrooke	Médecine	Québec	CANADA	18/04/2008	5	\$180,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The role of Y RNA-related sequences in shaping genomes	
Boissonneault, Guylain	Université de Sherbrooke	Biochimie	Québec	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Histone acetyltransferase and genetic integrity of the male gamete	
Boissonneault, Maxime	Université de Sherbrooke	Physique	Québec	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Méthodes de mesure d'optique quantique appliquées aux qubits supraconducteurs	
Boivin, Guy	McGill University	Natural Resource Sciences	Québec	CANADA	18/04/2008	5	\$83,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stratégies de reproduction chez les mâles des insectes parasitoïdes	
Boivin, Wendy	University of British Columbia	Pathology and Lab Medicine	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	The Role of GrB in Extracellular Matrix Protein Degradation	
Bolt, Laura	University of Toronto	Anthropology (Toronto)	Ontario	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Influence of Forest Fragmentation on Lemur Catta Vocalisations in Madagascar	
Bolton, Charles	University of Toronto	Astronomy and Astrophysics	Ontario	CANADA	18/04/2008	3	\$41,229	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Binary stars and the photospheres and winds of massive stars	
Bond, David	University of Alberta	Medical Microbiology and Immunology	Alberta	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Identification and Characterization of IK22: a novel modulator of Jun N-terminal Kinase (JNK) Innate Immune Signaling.	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Bone, Gary	McMaster University	Mechanical Engineering	Ontario	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design and control of robot manipulators for human environments	
Bonetta, Dario	University of Ontario Institute of Technology	Science, Faculty of	Ontario	CANADA	18/04/2008	5	\$125,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Determining plant cell wall synthesis and integrity mechanisms using small molecules	
Bonev, Stanimir	Dalhousie University	Physics and Atmospheric Science	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$165,730	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theory of materials under extreme conditions	
Bonfield, Eric	McGill University	Chemistry	Québec	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Methodology for challenging Alkyne- Aldehyde-Amine (A3) Coupling Reactions and their asymmetric versions	
Bonhomme-Beaulieu, Louis- Philippe	Université de Montréal	Chimie	Québec	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Methodological development of chemical reactions and synthetic organic schemes relying upon stereoselective cyclopropanation, leading to molecules of biological and pharmaceutical interest	
Booth, Ivan	Memorial University of Newfoundland	Mathematics and Statistics	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	5	\$132,525	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamic black holes and their boundaries	
Booth, James	British Columbia Institute of Technology	Physics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$79,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dual isotope laser cooling and BEC on an Atom chip	
Bootsma, Gregory	University of Toronto	Medical Biophysics	Ontario	CANADA	14/05/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Advanced physics and computational methods for image quality improvement of cone beam computed tomography	
Bordeleau, Geneviève	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Prédiction de l'impact des changements climatiques sur les ressources en eau souterraine et leur contamination par les explosifs sur des sites d'entraînement militaire.	
Borowsky, Ron	University of Saskatchewan	Psychology	Saskatchewan	CANADA	18/04/2008	5	\$99,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Basic language processes: behavioural and functional localization	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Bortolotti, Gary	University of Saskatchewan	Biology	Saskatchewan	CANADA	18/04/2008	5	\$206,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ecology and evolutionary biology of stress in birds	
Borwein, Jonathan	Dalhousie University	Computer Science, Faculty of	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nonlinear and computationally analysis	
Bos, Leonard	University of Calgary	Mathematics and Statistics	Alberta	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multivariate interpolation and approximation	
Bose, Christopher	University of Victoria	Mathematics and Statistics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Measurable dynamics, theory and computation	
Bostan, Andreea	University of Pittsburgh	Neurobiology	Pennsylvania/ Pennsylvanie	UNITED STATES/ ÉTATS-UNIS	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Neuroanatomy of central nervous systems involved in pain processing	
Botez, Ruxandra	École de technologie supérieure	Génie de la production automatisée	Québec	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Validation of aeroservoelastic interaction studies	
Bou Dalha Ghossoub, Mario	University of Waterloo	Statistics and Actuarial Science	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Actuarial Mathematics and Quantitative Finance: New Horizons in Actuarial Science - From a Theoretical and Practical Élicitation et suppression de l'immunité des plantes	
Bouarab, Kamal	Université de Sherbrooke	Biologie	Québec	CANADA	18/04/2008	5	\$170,930	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Approximate inference for phylogenetic reconstruction. Applications in historical linguistics and	
Bouchard-Côté, Alexandre	University of California - Berkeley	Computer Science Division	California/ Californie	UNITED STATES/ ÉTATS-UNIS	07/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Studies of the plasma flow velocity in the edge and scrape off layer of tokamaks	
Boucher, Claude	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	18/04/2008	3	\$60,510	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Tarification et analyse multivariée en assurance: application de modèles de régression et de modèles	
Boucher, Jean-Philippe	Université du Québec à Montréal	Mathématiques	Québec	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular mechanisms of intestinal epithelial gene transcription	
Boudreau, François	Université de Sherbrooke	Anatomie et biologie cellulaire	Québec	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles		

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Boudreau, Roger	Université de Moncton	Ingénierie, Faculté d'	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthèse des manipulateurs parallèles spatiaux et des manipulateurs parallèles	
Boudreau, Stéphane	Université Laval	Biologie	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Déterminants écologiques et climatiques de la dynamique de la strate arbustive en milieu	
Boudreau, Stéphane	Université Laval	Biologie	Québec	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Northern Research Supplement/ Programme de subventions à la découverte - supplément en recherche nordique	Supplément pour les frais de transport de l'équipe de recherche et du matériel au campement de la rivière Boniface, Québec subarctique	
Boudreau-Larivière, Céline	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Human Kinetics, School of	Ontario	CANADA	18/04/2008	2	\$44,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cellular and molecular biology of plakin crosslinking proteins in myogenic cells	
Boudreault, Pierre-Luc	Université Laval	Chimie	Québec	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Électronique organique	
Boukas, El-Kébir	École Polytechnique de Montréal	Génie mécanique	Québec	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stochastic control: theory and applications	
Boulais, Etienne	École Polytechnique de Montréal	Génie physique	Québec	CANADA	14/05/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Mécanismes de chauffage de nanostructures plasmoniques par laser femtoseconde	
Boulay, Guylain	Université de Sherbrooke	Pharmacologie	Québec	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Tetramerization domains of TRPC channel	
Boulay, Mark	Queen's University	Physics	Ontario	CANADA	18/04/2008	1	\$337,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	DEAP/Clean continued R & D and infrastructure	
Boulfiza, Mohamed	University of Saskatchewan	Civil and Geological Engineering	Saskatchewan	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A mechanistic approach for predicting the service life & performance of steel reinforced concrete bridge becks	
Bourbonnais, Yves	Université Laval	Biochimie et Microbiologie (Fac. sc. et génie)	Québec	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Yeast yapsins and cell wall assembly	
Bourgault, Daniel	Memorial University of Newfoundland	Physics and Physical Oceanography	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	1	\$117,030	Discovery Grants Program - Ship Time/ Programme de subventions à la découverte - temps navire	Internal waves in an estuarine environment: from generation to	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Bourlioux, Anne	Université de Montréal	Mathématiques et de statistique	Québec	CANADA	18/04/2008	5	\$128,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multiscale simulations of reactive and non-reactive fluid flows with interfaces	
Bousmina, Mostapha Mosto	Université Laval	Génie chimique	Québec	CANADA	18/04/2008	5	\$293,550	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nanomaterials and Nanotechnology: From synthesis to functional polymer nanocomposites	
Bousquet, Jean-Francois	University of Calgary	Electrical and Computer Engineering	Alberta	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Broadband Wireless Communications Supported by Miniature	
Boutilier, Craig	University of Toronto	Computer Science	Ontario	CANADA	18/04/2008	5	\$330,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Robust preference assessment and online mechanism design	
Boutin, Céline	Carleton University	Biology	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Assessing patterns and risk to plant diversity in agricultural landscapes	
Boutin, Stanley	University of Alberta	Biological Sciences	Alberta	CANADA	18/04/2008	5	\$330,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The role of spatial and temporal resource variability in the life history evolution of boreal	
Boutin, Stanley	University of Alberta	Biological Sciences	Alberta	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Northern Research Supplement/ Programme de subventions à la découverte - supplément en recherche nordique	The role of spatial and temporal resource variability in the life history evolution of boreal	
Bouwhuis, Brandon	University of Toronto	Materials Science and Engineering	Ontario	CANADA	14/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Hybrid Periodic Cellular Metals	
Bouyer, Laurent	Université Laval	Réadaptation (physiothérapie, ergothérapie)	Québec	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neural mechanisms underlying the adaptive plasticity of human locomotion	
Boyaci, Tamer	McGill University	Management, Desautels Faculty of	Québec	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrated demand and supply management in dynamic environments	
Boyce, Mark	University of Alberta	Biological Sciences	Alberta	CANADA	16/05/2008	5	\$699,510	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Access management for wildlife conservation	
Boyd, Russell	Dalhousie University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$375,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational studies of the properties and reactions of biomolecules	
Boyd, Steven	University of Calgary	Mechanical and Manufacturing Engineering	Alberta	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Non-invasive assessment of bone strength	

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Boyer, Steven	Université du Québec à Montréal	Mathématiques	Québec	CANADA	18/04/2008	5	\$210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Studies in low-dimensional topology	
Boyle, Patrick Michael Joseph	University of Calgary	Electrical and Computer Engineering	Alberta	CANADA	14/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The Role of the Purkinje System in Arrhythmogenesis and defibrillation	
Brachman, Richard	Queen's University	Civil Engineering	Ontario	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Limit states of buried polymer environmental structures	
Bradbury, Jeremy	University of Ontario Institute of Technology	Science, Faculty of	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Empirical assessment and improvement of fault detection techniques for concurrent software	
Bradley, Michael	University of Saskatchewan	Physics and Engineering Physics	Saskatchewan	CANADA	18/04/2008	5	\$138,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New methods and ideas in silicon-compatible photonics	
Bradley, Robert	Université de Sherbrooke	Biologie	Québec	CANADA	18/04/2008	1	\$27,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Exploiting plant-soil feedbacks to provide economic and environmental benefits	
Braidy, Nadi	Office National d'Etudes et de Recherches Aérospatiales	Lab. d'études des microstructures		FRANCE	16/04/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Size effect on thermodynamic and magnetic properties of CoPt nanoparticles	
Brandhorst, Bruce	Simon Fraser University	Molecular Biology and Biochemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Patterning, morphogenesis and differentiation of embryos	
Branzan Albu, Alexandra	University of Victoria	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A computer vision-based framework for human motion analysis with applications to elderly	
Brar, Satinder Kaur	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	24/06/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Devenir des composés organiques toxiques des stations d'épuration des eaux usées jusqu'aux procédés de valorisation et de détoxification enzymatique	
Brardinoni, Francesco	Carleton University	Geography and Environmental Studies	Ontario	CANADA	18/04/2008	5	\$95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The colluvial dimension of mountain drainage basins	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Brassard, Gilles	Université de Montréal	Informatique et recherche opérationnelle	Québec	CANADA	18/04/2008	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	
Braun, Craig	Harvard University	Chemistry & Chemical Biology	Massachusetts	UNITED STATES/	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Helical Iteration based Protein Profiling	
Brauner, Colin	University of British Columbia	Zoology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Gas exchange and acid-base regulation in fish	
Brennan, John	McMaster University	Chemistry	Ontario	CANADA	18/04/2008	5	\$330,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Solid-phase assays for biosensing and high throughput screening using sol-gel derived bioglasses	
Brenning, Alexander	University of Waterloo	Geography	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improved spatial classification for mountain geomorphology	
Bressler, David	University of Alberta	Agricultural, Food and Nutritional Science	Alberta	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hydrocarbons from lipid feedstocks	
Bretscher, Peter	University of Saskatchewan	Microbiology and Immunology	Saskatchewan	CANADA	18/04/2008	5	\$250,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cellular and molecular interactions determining whether antigen signals the activation or inactivation of CD4 T cells	
Brett, Michael	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	18/04/2008	5	\$1,091,500	Major Resources Support Program/ Programme d'appui aux ressources majeures	Nanofabrication facility support	
Brewster, John	University of Manitoba	Statistics	Manitoba	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design and analysis of industrial experiments	
Briand, Glen	Mount Allison University	Chemistry	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Exploring and exploiting intermolecular bonding in heavy p-block metals	
Bridson, Robert	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Numerical methods for computational physics in animation	
Brimberg, Jack	Royal Military College of Canada/ Collège militaire royal du Canada	Business Administration	Ontario	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Solving combinatorial and global optimization problems by metaheuristics and exact algorithms	
Brindle, David	University of Calgary	Computer Science	Alberta	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Speaker-independent Speech Recognition Using Rough Sets	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Brisben, Jennifer	University of Guelph	Pathobiology	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Regulation of immune response in the chicken by the commensal microbiota	
Brisson, Jacques	Université de Montréal	Sciences biologiques	Québec	CANADA	18/04/2008	5	\$88,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Compétition pour l'espace chez les végétaux	
Brisson, Josée	Université Laval	Chimie	Québec	CANADA	18/04/2008	5	\$230,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Conception, synthèse et cristallisation de copolymère-charnières	
Brlek, Srecko	Université du Québec à Montréal	Informatique	Québec	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Combinatoire des mots et géometrie discrete	
Broer, Abraham	Université de Montréal	Mathématiques et de statistique	Québec	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algebraic transformation groups and invariant theory	
Brousseau, Francis	University of Guelph	Chemistry	Ontario	CANADA	11/06/2008	2	\$30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Ion Pairs and complexes in sub-critical and supercritical water	
Brouillette, Martin	Université de Sherbrooke	Génie mécanique	Québec	CANADA	18/04/2008	5	\$123,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Gas dynamics and detonics at small scales	
Broun, David	Simon Fraser University	Physics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$218,065	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Microwave spectroscopy and hall-probe microscopy of unconventional superconductors and	
Brown, Alexander	University of Alberta	Chemistry	Alberta	CANADA	18/04/2008	2	\$78,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Laser-induced dynamics: molecular photochemsitry and laser control	
Brown, Jason	Dalhousie University	Mathematics and Statistics	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Graphs and digraphs	
Brown, Martha	University of Toronto	Molecular Genetics	Ontario	CANADA	18/04/2008	5	\$155,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Novel aspects of adenovirus trafficking and genome delivery	
Brown, Michael	Queen's University	Civil Engineering	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The need for water main rehabilitation	
Brown, Richard	Dalhousie University	Psychology	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$244,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Genetic and environmental determinants of sensory, motor, social and cognitive functions in mice	
Bruce, Douglas	Brock University	Biological Sciences	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	The dynamic structure and function of photosystem II in photosynthesis	



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Bruce, Douglas	Brock University	Biological Sciences	Ontario	CANADA	18/04/2008	5	\$360,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The dynamic structure and function of photosystem II in photosynthesis	
Bruce, Ian	McMaster University	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$185,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational models of hearing and hearing loss	
Bruda, Stefan	Bishop's University	Computer Science	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A unified approach to real- time specification, verification, and analysis: finite models and beyond	
Bruin, Nils	Simon Fraser University	Mathematics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Explicit methods for arithmetic on curves and surfaces	
Brüning, Ralf	Mount Allison University	Physics	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$109,035	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure and properties of disordered materials	
Bruton, Leonard	University of Calgary	Electrical and Computer Engineering	Alberta	CANADA	18/04/2008	5	\$258,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multidimensional signal processing	
Bryce, David	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	18/04/2008	2	\$102,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Solid-state NMR studies of inorganic and bioinorganic materials	
Bryman, Douglas	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	16/05/2008	3	\$351,750	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	New detectors for positron emission tomography	
Bryman, Douglas	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	1	\$144,000	Subatomic Physics Envelope - Research Tools and Instruments/ Enveloppe de physique subatomique - Outils et instruments de recherche	Equipment for the PIENU experiment	
Buatois, Luis Alberto	University of Saskatchewan	Geological Sciences	Saskatchewan	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spatial and temporal trends in Ediacaran-Cambrian ichnofaunas	
Bub, Daniel	University of Victoria	Psychology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$144,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Manipulable objects and the dynamic representation of hand actions	
Buchanan, Douglas	University of Manitoba	Electrical and Computer Engineering	Manitoba	CANADA	18/04/2008	5	\$131,560	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Characterization of nanoscale materials and devices for CMOS, bio- sensors, microfluidic and Lab-on-chip applications	
Buckham, Bradley	University of Victoria	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nonlinear hydrodynamic simulations in wave energy conversion systems engineering	



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Buckolz, Eric	University of Western Ontario	Kinesiology, School of	Ontario	CANADA	18/04/2008	5	\$88,430	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Inhibitory after-effects	
Buddle, Christopher	McGill University	Natural Resource Sciences	Québec	CANADA	18/04/2008	5	\$98,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ecology of temperate canopy arachnids	
Budney, Ryan	University of Victoria	Mathematics and Statistics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$65,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Research in topology	
Bui, Hung Tien	Université du Québec à Chicoutimi	Sciences appliquées	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Robust high speed clocking circuits	
Buist, Peter	Carleton University	Chemistry	Ontario	CANADA	18/04/2008	5	\$225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bioorganic chemistry of unusual fatty acid biomodifications	
Buliung, Ronald	University of Toronto	Geography, UTM	Ontario	CANADA	18/04/2008	5	\$91,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geospatial technology for the analysis of human activities and environmental change in Canadian cities and	
Bundle, David	University of Alberta	Chemistry	Alberta	CANADA	18/04/2008	5	\$600,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multivalence assisted supramolecular assembly in biological systems and glycoconjugate vaccines	
Bunn, Melissa	University of Waterloo	Earth Sciences	Ontario	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Pumping induced drainage and imbibition in an unconfined aquifer	
Bureau, Dominique	University of Guelph	Animal and Poultry Science	Ontario	CANADA	18/04/2008	1	\$27,513	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Towards better definition of amino acid requirements of fish	
Burelle, Yan	Université de Montréal	Kinésiologie	Québec	CANADA	18/04/2008	2	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The mitochondrial permeability transition pore in muscle	
Buret, Andre	University of Calgary	Biological Sciences	Alberta	CANADA	18/04/2008	3	\$81,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cellular mechanisms of microbial-epithelial interactions	
Burke, Maxim	University of Prince Edward Island	Mathematics & Statistics	Prince Edward Island/ Île-du-Prince-Édouard	CANADA	18/04/2008	5	\$95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Some applications of set theory to measure theory and general topology	
Burkov, Anton	University of Waterloo	Physics and Astronomy	Ontario	CANADA	18/04/2008	5	\$130,840	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fluctuations and order in low-dimensional quantum systems	



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Burns, Catherine	University of Waterloo	Systems Design Engineering	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Improving team situation awareness through interface design	
Burns, Catherine	University of Waterloo	Systems Design Engineering	Ontario	CANADA	18/04/2008	5	\$130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improving team situation awareness through interface design	
Burns, David	McGill University	Chemistry	Québec	CANADA	18/04/2008	2	\$88,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spectroscopy and biosensors for turbid media	
Burston, Helen	University of British Columbia	Medical Genetics	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Characterizing the Molecular Mechanisms of Adaptor Protein - Mediated Transport	
Burton, David	Nova Scotia Agricultural College	Environmental Sciences	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Influence of the distribution of soil carbon, nutrients and water on nitrous oxide production and consumption in soil	
Burton, Richard	University of Saskatchewan	Mechanical Engineering	Saskatchewan	CANADA	18/04/2008	5	\$250,000	Discovery Grants Program - Group/ Programme de subventions à la découverte - équipe	Research in fluid power	
Buschmann, Michael	École Polytechnique de Montréal	Génie mécanique	Québec	CANADA	18/04/2008	5	\$295,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Polyelectrolyte complexes : formation, characterisation and theoretical models	
Butcher, Cliff	University of New Brunswick	Mechanical Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	A Complete Damage Percolation Model to Predict Ductile Fracture in Sheet Materials	
Butler, Ian	McGill University	Chemistry	Québec	CANADA	18/04/2008	5	\$230,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High-pressure spectroscopic studies of solid inorganic, organic and organometallic	
Butler, James	University of British Columbia	Chemical and Biological Engineering	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Agglomeration prevention in biomass fired fluidized beds	
Butler, Karl	University of New Brunswick	Geology	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$102,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Seismoelectric and electrical methods for hydrogeological and exploration applications	



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Button, Duane	Memorial University of Newfoundland	Medicine, Faculty of	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	14/05/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Electrophysiological and morphological properties of normal and regenerated hippocampus neurones before and after stroke and rehabilitation	
Butts, Ian	University of New Brunswick	Biology (Saint John)	New Brunswick/ Nouveau-Brunswick	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Assessing Factors Influencing Sperm Quality and Cryopreservation in Atlantic Cod Gadus morhua L: Applications for Aquaculture Production and Conservation of Wild Stocks	
Byers, David	Dalhousie University	Biochemistry and Molecular Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$229,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure and function of acyl carrier protein	
Cabral, Alexandre	Université de Sherbrooke	Génie civil	Québec	CANADA	18/04/2008	5	\$122,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Réduction des émissions de gaz à effet de serre et des infiltrations d'eau au moyen de recouvrements alternatifs pour les sites d'enfouissement	
Cachazo, Freddy	University of Waterloo	Physics and Astronomy	Ontario	CANADA	18/04/2008	3	\$144,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Uncovering hidden structures in field theory and string theory	
Cadien, Kenneth	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	18/04/2008	4	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chemical mechanical polish for nanofabrication	
Cadogan, John	University of Manitoba	Physics and Astronomy	Manitoba	CANADA	18/04/2008	5	\$174,455	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hyperfine studies of rare earth magnetism	
Cahill, Lindsay	University of Warwick	Physics		UNITED KINGDOM/ ROYAUME-UNI	28/05/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Multinuclear Study of Structure in Glasses and Study of Dynamics in Oxygen Membranes by Solid-State MNR	
Cahoon, John Raymond	University of Manitoba	Mechanical and Manufacturing Engineering	Manitoba	CANADA	18/04/2008	3	\$63,510	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Liquid metals - diffusion and solidification	



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Calabrese, Viviane	Université de Montréal	Biochimie	Québec	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Étude des mécanismes de régulation de la sénescence et de p53 par SOCS1 (Suppressor of Cytokine Signaling1)	
Calvert, Andrew	Simon Fraser University	Earth Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$195,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	3-D structure of island arcs and continental growth	
Camacho, Alfredo	University of Manitoba	Geological Sciences	Manitoba	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Origin and character of deep-seated veins from convergent margins	
Camarero, Ricardo	École Polytechnique de Montréal	Génie mécanique	Québec	CANADA	18/04/2008	5	\$158,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Numerical simulation of multiphysics flows	
Cameron, Amy	University of Ottawa/ Université d'Ottawa	Mathematics and Statistics	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Improved Solutions to a network design problem	
Cameron, Robin	McMaster University	Biology	Ontario	CANADA	18/04/2008	5	\$180,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Elucidation of induced resistance in arabidopsis	
Cameron, Stanley	Dalhousie University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Charge density studies used to reveal the fine details of atomic electron density, bonds and weak interatomic interactions. The use of this to develop new	
Camire, Patrice	University of Waterloo	Mathematics, Faculty of	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Generalizations of Artin's Primitive Root Conjecture	
Campagna-Slater, Valérie	University of Toronto	Pharmacology and Toxicology	Ontario	CANADA	11/06/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Elucidating the pocketome from structural genomics efforts	
Campbell, David	Simon Fraser University	Statistics and Actuarial Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical methods for dynamic systems	
Campbell, Douglas	Mount Allison University	Biology	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$245,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantitative analyses of phytoplankton acclimation	
Campbell, Harold	Memorial University of Newfoundland	Mathematics and Statistics	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Invariant theory	
Campbell, Melanie	University of Waterloo	Physics and Astronomy	Ontario	CANADA	16/05/2008	3	\$228,502	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Localizing light in the eye for diagnostic and therapeutic applications	



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Campbell, Rachel	University of Waterloo	Chemical Engineering	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Microbial preprocessing of crop biomass for fibre extraction and production of other value-added	
Campbell-Brown, Margaret	University of Western Ontario	Physics and Astronomy	Ontario	CANADA	18/04/2008	5	\$117,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Physical properties and distribution of sporadic meteors	
Campeanu, Cezar	University of Prince Edward Island	Computer Science and Information Technology	Prince Edward Island/ Île-du-Prince-Édouard	CANADA	18/04/2008	5	\$50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Efficient implementations of formal systems	
Campolieti, Giuseppe	Wilfrid Laurier University	Mathematics	Ontario	CANADA	18/04/2008	5	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Financial modelling and derivatives pricing under alternative Stochastic processes	
Campos, Eric	New York University	Biochemistry	New York	UNITED STATES/ ÉTATS-UNIS	16/04/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Segregation of Histones and Histone Posttranslational Modifications During DNA	
Candanedo Ibarra, José Augustin	Concordia University	Building, Civil and Environmental Engineering	Québec	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Predictive Control algorithms for electric load management in solar optimised buildings	
Canesi, Sylvain	Université du Québec à Montréal	Chimie	Québec	CANADA	18/04/2008	3	\$120,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Novel synthetic methods and their application in total synthesis	
Canil, Dante	University of Victoria	Earth and Ocean Sciences, School of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$250,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	From mantle to crust and exosphere in volcanic arcs	
Cann, Natalie	Queen's University	Chemistry	Ontario	CANADA	18/04/2008	5	\$250,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chiral recognition and chirality transfer in condensed phases	
Cant, John	University of Guelph	Animal and Poultry Science	Ontario	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biological mechanisms of control of milk synthesis in mammary glands	
Canty, Angelo	McMaster University	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applications of resampling methods	
Cao, Jiguo	Simon Fraser University	Statistics and Actuarial Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The generalized profiling method and applications in estimating differential equations and semiparametric additive models	

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Caplan, Jeremy	University of Alberta	Psychology	Alberta	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cognitive and brain- activity basis of relational memory	
Carbonetto, Salvatore	McGill University	Neurology and Neurosurgery	Québec	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrin regulation of centrosome assembly and disassembly	
Carbotte, Jules	McMaster University	Physics and Astronomy	Ontario	CANADA	18/04/2008	5	\$152,645	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theory of high Tc superconductors and properties of graphene	
Cardille, Jeffrey	Université de Montréal	Géographie	Québec	CANADA	18/04/2008	5	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Understanding relationships between landscape patterns and processes: interpreting results from multiple spatial scales in real-world	
Carlyle-Moses, Darryl	Thompson Rivers University	Geography	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Rainfall partitioning in forest canopies and floors- processes, linkages, and scaling issues	
Carmack, Edward	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optical oceanography in the Arctic ocean	
Carmichael, Tricia	University of Windsor	Chemistry and Biochemistry	Ontario	CANADA	18/04/2008	3	\$114,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New fabrication methods for exixting and future devices	
Caron, Louis-Philippe	Université du Québec à Montréal	Sciences de l'environnement, Institut des	Québec	CANADA	14/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	High resolution Modeling of Tropical Cyclones and African Easterly Waves: Implications for seasonal Prediction and Climate Change	
Carreau, Pierre	École Polytechnique de Montréal	Génie chimique	Québec	CANADA	18/04/2008	5	\$293,550	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Rheology of multiphase polymer systems	
Carrell, James	University of British Columbia	Mathematics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Torus actions and schubert varieties	
Carretero, Juan	University of New Brunswick	Mechanical Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design and analysis platform for parallel manipulators	
Carrier, Jean-François	Université de Montréal	Physique	Québec	CANADA	18/04/2008	3	\$47,760	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modulated electron radiation therapy using a motorized multi-leaf collimator	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Carrier, Julie	Université de Sherbrooke	Médecine	Québec	CANADA	18/04/2008	3	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functions of the bile acids receptor FXR in intestinal epithelium	
Carter, Michael	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantitative applications for health care planning, scheduling and resource allocation	
Cartier, Clément	École Polytechnique de Montréal	Génies Civil, géologique et des mines	Québec	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Provenance, occurrence et impacts du plomb particulaire dans l'eau potable	
Cartledge, John	Queen's University	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$292,360	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Signal processing for fiber- optic communications	
Caruso, Christina Marie	University of Guelph	Integrative Biology	Ontario	CANADA	18/04/2008	5	\$123,125	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Adaptive evolution in natural plant populations: integrating ecological and genetic approaches	
Caruso, Manuel	Université Laval	Biologie médicale	Québec	CANADA	18/04/2008	3	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Identification of new genes involved in early steps of retroviral and lentiviral replication	
Caspary, Alexander	University of Toronto	Civil Engineering	Ontario	CANADA	11/06/2008	2	\$30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Bond Failure of FRP Model Applied to Industry Collected RC Data	
Casteels, Karel	Simon Fraser University	Mathematics	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Approximation Algorithms for cycle cover problem	
Castelhano, Monica	Queen's University	Psychology	Ontario	CANADA	24/06/2008	5	\$100,195	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Exploration and cognitive processing of real-world scenes	
Castillo Guerra, Eduardo	University of New Brunswick	Electrical and Computer Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$81,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biomedical speech processing research	
Castillo, Ignacio	Wilfrid Laurier University	Business and Economics, School of	Ontario	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Enhancing facility location modeling and optimization	
Cavers, Michael	University of Regina	Mathematics and Statistics	Saskatchewan	CANADA	14/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Matrix Theory	
Celikyilmaz, Fethiye Asli	University of California - Berkeley	Computer Science Division	California/ Californie	UNITED STATES/ ÉTATS-UNIS	16/04/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Evolutionary Fuzzy Systems for Intelligent Information Retrieval	
Ceri, Howard	University of Calgary	Biological Sciences	Alberta	CANADA	18/04/2008	5	\$195,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chronic infection and inflammation at mucosal surfaces	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Chadee, Khrisendath	University of Calgary	Microbiology and Infectious Diseases	Alberta	CANADA	18/04/2008	5	\$195,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The gal-lectin in host defence against entamoeba histolytica	
Chahma, M'hamed	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Chemistry and Biochemistry	Ontario	CANADA	18/04/2008	3	\$84,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Electrode surface modifications using building block conducting	
Chaib-Draa, Brahim	Université Laval	Informatique et de génie logiciel	Québec	CANADA	18/04/2008	5	\$190,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Agent and multiagent computing for complex environments	
Chakma, Amitabha	University of Waterloo	Chemical Engineering	Ontario	CANADA	18/04/2008	5	\$202,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Carbon dioxide capture processes	
Chalin, Patrice	Concordia University	Computer Science and Software Engineering	Québec	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Practical advances in the formal verification of security and safety critical software	
Champagne, Catherine	University of Guelph	Geography	Ontario	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Drought monitoring for Canada,s agricultural lands using remote sensing	
Champlaud, Henri	École de technologie supérieure	Génie mécanique	Québec	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analysis of the roll bending process for large and thick high strength steel axisymmetric parts	
Chan, Adrian	Carleton University	Systems and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$112,070	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nonlinear methods of analysis for biological signals	
Chan, Gordon	University of Alberta	Oncology	Alberta	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure and function of Mis12 (Minichromosome Instability) centromere complex in mitosis	
Chan, Wyeon	Université de Montréal	Informatique et recherche opérationnelle	Québec	CANADA	23/04/2008	3	\$27,000	Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat	Optimisation stochastique des horaires des agents et du routage des appels dans les centres d'appels téléphoniques.	
Chandrashekar, Naveen	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	18/04/2008	2	\$36,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	In-vitro study of knee injury mechanism and prevention strategies	
Chang, Esther	University of Guelph	Integrative Biology	Ontario	CANADA	07/05/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Belowground filters in plant community assembly	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Chanway, Christopher	University of British Columbia	Forest Sciences Centre	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nitrogen balance in pine forests: comparing the efficacy of nitrogen fixing endophytes above and below ground	
Chapco, William	University of Regina	Biology	Saskatchewan	CANADA	18/04/2008	5	\$83,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolutionary genetics of grasshoppers	
Chapdelaine, Daniel	Université du Québec à Montréal	Chimie	Québec	CANADA	18/04/2008	3	\$81,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthèse de l'homonucléosides, de la (-)- kopsine et alcaloïdes indoles apparentés	
Chapman, Ross	University of Victoria	Earth and Ocean Sciences, School of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	1	\$276,245	Discovery Grants Program - Ship Time/ Programme de subventions à la découverte - temps navire	Combined study of hydrothermal vents, methane cold vents and glass sponges	
Chapman, Thomas	Memorial University of Newfoundland	Biology	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The emergence of chemical communication in a social insect colony	
Chapuis, Robert	École Polytechnique de Montréal	Génies Civil, géologique et des mines	Québec	CANADA	18/04/2008	3	\$318,100	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Hydrogéologie des dépôts d'argile Champlain	
Chapuis, Robert	École Polytechnique de Montréal	Génies Civil, géologique et des mines	Québec	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Improving permeability tests, pumping tests and predictive methods	
Chapuis, Robert	École Polytechnique de Montréal	Génies Civil, géologique et des mines	Québec	CANADA	18/04/2008	5	\$242,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improving permeability tests, pumping tests and predictive methods	
Charbonneau, Arthur	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The Applications of Topological Currents in Neutron Stars	
Charbonneau, Paul	Université de Montréal	Physique	Québec	CANADA	18/04/2008	5	\$294,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mécanismes et manifestations de l'activité solaire	
Charest, Andrew	Carleton University	Electronics	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Passivity Verification and Compensation of Delay Based Macromodels	
Charette, André	Université de Montréal	Chimie	Québec	CANADA	18/04/2008	2	\$125,884	Idea to Innovation/ De l'idée à l'innovation	Phosphonium-supported reagents, scavengers and catalysts	
Charette, Paul	Université de Sherbrooke	Génie électrique et génie informatique	Québec	CANADA	18/04/2008	2	\$43,860	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Miniaturized multimodal hybrid biosensors for medical applications	

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Charles, Trevor	University of Waterloo	Biology	Ontario	CANADA	18/04/2008	5	\$250,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Host of environmental interactions of members of the rhizobiales order of alphaproteobacteria	
Chartrand, Daniel	Université de Montréal	Chimie	Québec	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Towards molecular liught harvesting antenna: assemblies of metallic oligo-nuclear complexes based on rhodium dimer	
Chartrand, Patrice	École Polytechnique de Montréal	Génie chimique	Québec	CANADA	18/04/2008	5	\$115,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Thermodynamic modeling of motlen salt solutions with multivalent cations having multiple coordination numbers	
Chaturvedi, Mahesh	University of Manitoba	Mechanical and Manufacturing Engineering	Manitoba	CANADA	18/04/2008	3	\$95,280	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A study of pre and post weld heat treatments on integrity, microstructures and mechanical properties of advanced superalloy	
Chau, Kenneth	National Institute of Standards and Technology	Head Office	Maryland	UNITED STATES/ ÉTATS-UNIS	23/04/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Integrated plasmonic communications link on a silicon chip	
Chaudhry, Mohan	Royal Military College of Canada/ Collège militaire royal du Canada	Mathematics and Computer Science	Ontario	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applied probability	
Chaudhuri, Sujeet	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	18/04/2008	5	\$146,180	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Foundational modelling and design techniques for RF, mm/THz, and photonic devices and their applications	
Chauhan, Satyaveer Singh	Concordia University	Decision Sciences/Mgmt Info. System	Québec	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advance planning tools for responsive supply chains	
Chelikani, Prasanth	University of Calgary	Veterinary Medicine, Faculty of	Alberta	CANADA	18/04/2008	5	\$161,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of food intake by gastrointestinal peptides	
Chen, Aicheng	Lakehead University	Chemistry	Ontario	CANADA	18/04/2008	5	\$235,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design and electrochemical study of functional nanomaterials	
Chen, Alan	McMaster University	Physics and Astronomy	Ontario	CANADA	18/04/2008	3	\$439,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Nuclear astrophysics with exotic and stable ion beams	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Chen, DongMei	Queen's University	Geography	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multi-scale classification error and uncertainty modeling on categorical maps from remotely sensed data	
Chen, Jiahua	University of British Columbia	Statistics	British Columbia/ Colombie-Britannique	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Statistical genetics, statistical finance and other statistical problems	
Chen, Jiahua	University of British Columbia	Statistics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$205,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical genetics, statistical finance and other statistical problems	
Chen, Jun	McMaster University	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$116,945	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Network data compression: fundamental limits and practical schemes	
Chen, Kuiying	University of Ottawa/ Université d'Ottawa	Physics	Ontario	CANADA	18/04/2008	3	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evaluation of mechanical and thermal-physical properties of novel thermal barrier coating materials	
Chen, Mark	Queen's University	Physics	Ontario	CANADA	16/05/2008	2	\$2,129,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	SNO+	
Chen, Qiyang	Memorial University of Newfoundland	Physics and Physical Oceanography	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	5	\$174,455	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Microstructures of photonic materials with ultrafast lasers	
Chen, Shaohua (George)	Cape Breton University	Mathematics, Physics and Geology	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Global and blowup solutions for quasilinear parabolic equations and their numerical	
Chen, Tongwen	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	18/04/2008	5	\$235,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Networked control systems: theory and application	
Chen, Xi	University of Alberta	Mathematical and Statistical Sciences	Alberta	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hyperbolic geometry on K3 surfaces	
Chen, Xiang	University of Windsor	Electrical Engineering	Ontario	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cooperative optimization and control in a networked environment	
Chen, Xihua	Memorial University of Newfoundland	Medicine, Faculty of	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	5	\$286,435	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Contribution of L-type Ca <sup>2+</sup> channel subtypes to burst firing of dopaminergic cells in the mouse ventral tegmental	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Chen, Yingjie	Simon Fraser University	Applied Sciences, Faculty of	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Browsing Large Collections using implicit data relations and interactive visualization of	
Chen, Yunfeng	University of Guelph	Computing and Information Science	Ontario	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Sensor Web - Everything everywhere	
Chen, Zhangxing	University of Calgary	Chemical and Petroleum Engineering	Alberta	CANADA	18/04/2008	5	\$168,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced techniques for reservoir modeling and simulation of heavy oil and oil sands reservoirs	
Cheng, Hai-Ling	University of Toronto	Medical Biophysics	Ontario	CANADA	18/04/2008	3	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantitative measurement of microvascular physiology using dynamic contrast-enhanced magnetic resonance	
Cheng, Qiuming	York University	Earth and Space Science and Engineering	Ontario	CANADA	18/04/2008	5	\$155,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nonlinear models and GIS technology for mineralization processes simulation and mineral potential mapping	
Cheng, Xu	Process Simulations Ltd	Head Office	British Columbia/ Colombie-Britannique	CANADA	07/05/2008	2	\$60,784	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	Two phase flow associated with heat transfer and combustion	
Cheng, Yanjie	University of Northern British Columbia	Environment Sciences Program	British Columbia/ Colombie-Britannique	CANADA	14/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	ENSO Ensemble Prediction and	
Cherney, Edward	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	18/04/2008	5	\$95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nanofilled dielectrics for high voltage electrical insulation	
Chester, Victoria	University of New Brunswick	Kinesiology, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The development of a gait waveform classification tool	
Chettle, David	McMaster University	Medical Physics & Applied Radiation Sciences	Ontario	CANADA	18/04/2008	1	\$56,900	Major Resources Support Program/ Programme d'appui aux ressources majeures	Guelph-McMaster accelerator laboratories	
Cheung, Bing Leung (Patrick)	University of Wisconsin - Madison	Electrical & Computer Engineering	Wisconsin	UNITED STATES/ ÉTATS-UNIS	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Estimation of Cortical Connectivity with State- Space Models	
Chi, Guoxiang	University of Regina	Geology	Saskatchewan	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Carbon dioxide-dominated fluids and relationship with mineralization	
Chignell, Mark	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Emotional interaction with robots and computers	

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Childs, Andrew	University of Waterloo	Combinatorics and Optimization	Ontario	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algorithms for quantum computers	
Chin, Leslie	University of British Columbia	Pathology and Lab Medicine	British Columbia/Colombie-Britannique	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Myosin Filament Assembly in Smooth Muscle Cells	
Chin, Scott	University of British Columbia	Applied Science, Faculty of	British Columbia/Colombie-Britannique	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Addressing Scalability Issues of Next Generation Field Programmable Gate Arrays	
Chin-Sang, Ian	Queen's University	Biology	Ontario	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Genetics and molecular biology of morphogenesis	
Chippindale, Adam	Queen's University	Biology	Ontario	CANADA	18/04/2008	5	\$205,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Causes and consequences of genetic variation in fitness	
Chitov, Gennady	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Physics	Ontario	CANADA	18/04/2008	5	\$65,420	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Studies of the strongly correlated fermions and superconductivity	
Chiu, Grace	University of Waterloo	Statistics and Actuarial Science	Ontario	CANADA	18/04/2008	2	\$28,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Latent factor longitudinal social networks and bayesian melding for modelling biological network structures, and longitudinal/spatial bent cables for modelling natural phenomena	
Chkrebtii, Anatoli	University of Ontario Institute of Technology	Science, Faculty of	Ontario	CANADA	18/04/2008	5	\$65,420	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Correlation of photoelectric, dynamical, electron and optical properties of semiconductors, surfaces and nanosystems: from	
Cho, Sungwhan	University of Western Ontario	Electrical and Computer Engineering	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	A study for design of shutdown systems equipped with analytic redundancy.	
Choi, Byoung-Chul	University of Victoria	Physics and Astronomy	British Columbia/Colombie-Britannique	CANADA	18/04/2008	5	\$204,980	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nonequilibrium dynamics in confined magnetic structures	
Choleris, Elena	University of Guelph	Psychology	Ontario	CANADA	18/04/2008	5	\$139,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neurobiology of social behavior	

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Chouinard, Yvan	Université Laval	Sciences animales	Québec	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Lipid metabolism in lactating ruminants	
Chow-Fraser, Patricia	McMaster University	Biology	Ontario	CANADA	18/04/2008	5	\$78,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Remote sensing and ecological models: an integrated approach to analysis of wetlands	
Christie, Brian	University of Victoria	Island Medical Program	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$139,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Exercising the brain: a behavioural, electrophysiological and immunohistochemical analysis of the effects of exercise in the brain	
Christoffersen, Carlos	Lakehead University	Electrical Engineering	Ontario	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Robust simulation of circuits	
Christopoulos, Constantin	University of Toronto	Civil Engineering	Ontario	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Self-centering seismic- resistant steel structures	
Chu, Shih-Chieh (Jeffrey)	Simon Fraser University	Molecular Biology and Biochemistry	British Columbia/ Colombie-Britannique	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Identification and characterization of ciliopathy genes and RFX- mediated transcription regulation	
Chuong, Simon	University of Waterloo	Biology	Ontario	CANADA	18/04/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Cellular and molecular mechanisms underlying single-cell C4 photosynthesis in Chenopodiaceae species	
Cicek, Nazim	University of Manitoba	Biosystems Engineering	Manitoba	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Removal and fate of endocrine disrupting chemicals in membrane bioreactors	
Ciric, Ioan Matei	University of Manitoba	Electrical and Computer Engineering	Manitoba	CANADA	18/04/2008	5	\$195,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applied electromagnetics; applied numerical analysis	
Citulski, Joel	University of Guelph	Engineering, School of	Ontario	CANADA	11/06/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Investigating the mechanisms of removal of endocrine disrupting compounds from secondary effluent using submerged ultrafiltration membranes	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Clark, Jeremy	University of Waterloo	Computer Science, School of	Ontario	CANADA	14/05/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Development and analysis of cryptographically secure and anonymous voting systems	
Clarke, Anthony	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	18/04/2008	2	\$50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Towards cellulosic ethanol: structure-function studies of glycoside hydrolases	
Clarke, David	Saint Mary's University	Astronomy and Physics	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	3	\$58,899	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Observational characteristics of computational astrophysical flows	
Clarke, Garry	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$275,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Subglacial processes and their large-scale consequences	
Clarke, Paul	McGill University	Pharmacology and Therapeutics	Québec	CANADA	18/04/2008	5	\$134,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Rodent ultrasonic vocalizations, reward and striatal function	
Claydon, Thomas	Simon Fraser University	Kinesiology, School of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fluorimetric analysis of voltage-gated ion channel gating	
Cleghorn, William	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	18/04/2008	5	\$155,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analysis and design of mechanical systems having flexibility	
Clerk, Aashish	McGill University	Physics	Québec	CANADA	18/04/2008	5	\$196,260	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantum electromechanical systems and finite-frequency quantum transport	
Clyburne, Jason	Saint Mary's University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$240,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Reactivity of highly basic main group compounds in molecular, polymeric, and ionic solvents	
Cobb, John	University of Calgary	Biological Sciences	Alberta	CANADA	18/04/2008	5	\$195,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional interactions between shox and hox genes during limb	
Cocard, Marc	Université Laval	Sciences géomatiques	Québec	CANADA	18/04/2008	3	\$54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Positionnement à haute précision à l'aide des GNSS existants et futurs	
Cocarla Isacu, Daniella	Université de Montréal	Pathologie et biologie cellulaire	Québec	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Rôle des éphrines-A et récepteurs EphA dans le guidage des axones sérotoninergiques dans le prosencéphale et mésencéphale en développement	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Cohen, Jerome	University of Windsor	Psychology	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Factors affecting rats' visual, olfactory, and auditory cognitive	
Coleman, David	University of New Brunswick	Geodesy and Geomatics Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Collaborative and authoritative data maintenance in a geospatial data infrastructure	
Coley, Alan	Dalhousie University	Mathematics and Statistics	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$269,955	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Higher dimensional spacetimes and qualitative cosmology	
Colgan, William	University of Colorado at Boulder	Geography	Colorado	UNITED STATES/ ÉTATS-UNIS	07/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Examining the influence of increased meltwater availability on the ice dynamics of the Greenland Ice Sheet	
Collins, Michael	University of Calgary	Geomatics Engineering	Alberta	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Forest landscape information system	
Collins, Michael	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	18/04/2008	5	\$113,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of combined photovoltaic and solar thermal air heating systems	
Colpron, Maurice	Simon Fraser University	Earth Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Northern cordilleran tectonics and paleogeography	
Comelli, Elena	University of Toronto	Nutritional Sciences	Ontario	CANADA	18/04/2008	5	\$161,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Gut microbiota regulation of the intestinal mucus layer during postnatal development	
Conan, Jean	École Polytechnique de Montréal	Génie électrique	Québec	CANADA	18/04/2008	5	\$112,070	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	MIMO wireless mobile localization and communications	
Coneva, Viktoriya	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	23/04/2008	1	\$25,000	Postgraduate Scholarships M/ Bourses d'études supérieures M	Investigating targets of ID1 floral transition regulator in maize and characterizing the physiological changes associated with loss of ID1 function	
Conly, Andrew	Lakehead University	Geology	Ontario	CANADA	18/04/2008	3	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Metal sources for hydrothermal deposits : assessing the magmatic contribution	
Cook, Christopher Paul	University of Toronto	Computer Science	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Computational models of subtractive word formation processes	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Coombes, Brian Kenneth	McMaster University	Biochemistry and Biomedical Sciences	Ontario	CANADA	18/04/2008	2	\$50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biochemical and structural studies of protein chaperones in salmonella	
Cooper, David	McGill University	Chemical Engineering	Québec	CANADA	18/04/2008	5	\$139,550	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bacteriophage production using self-cycling fermentation technology	
Cooper, David	University of Saskatchewan	Anatomy and Cell Biology	Saskatchewan	CANADA	18/04/2008	5	\$108,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Remodeling-mediated 3D adaptation in cortical bone microarchitecture	
Coops, Nicholas	University of British Columbia	Forest Resources Management	British Columbia/Colombie-Britannique	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Detection of vegetation canopy stress dynamics using integrated near-ground, and airborne remote sensing data over coastal and boreal forests	
Coops, Nicholas	University of British Columbia	Forest Resources Management	British Columbia/Colombie-Britannique	CANADA	18/04/2008	5	\$157,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Detection of vegetation canopy stress dynamics using integrated near-ground, and airborne remote sensing data over coastal and boreal forests	
Coorssen, Jens	University of Calgary	Physiology and Biophysics	Alberta	CANADA	18/04/2008	5	\$211,965	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Roles of native membrane matrix components in regulated secretion	
Corkum, Paul	University of Ottawa/ Université d'Ottawa	Physics	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Attosecond dynamics	
Corkum, Paul	University of Ottawa/ Université d'Ottawa	Physics	Ontario	CANADA	18/04/2008	5	\$500,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Attosecond dynamics	
Cornea, Octavian	Université de Montréal	Mathématiques et de statistique	Québec	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantum structures and rigidity of lagrangian submanifolds	
Corriveau, François	McGill University	Physics	Québec	CANADA	16/05/2008	1	\$67,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	The Zeus experiment at HERA (Applicant: J. Martin)	
Costantino, Santiago	Université de Montréal	Ophtalmologie	Québec	CANADA	18/04/2008	3	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Substrate engineering with biologically active proteins at subcellular levels of resolution	
Côté, Claude	Université Laval	Réadaptation (physiothérapie, ergothérapie)	Québec	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modulation of inflammation and tissue repair by mast cells in	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Côté, Jean	Université Laval	Génie civil	Québec	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Propriétés thermiques et hydriques des géomatériaux	
Cotton, James	McMaster University	Mechanical Engineering	Ontario	CANADA	18/04/2008	5	\$104,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of electrohydrodynamic two- phase heat exchanger and thermal management technologies	
Cottrell, Barbara	Trent University	Watershed Science, Institute for	Ontario	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Characterization of dissoved organic matter (DOM) and DOM complexes in freshwater systems by CE-HP-ICP-MS	
Couchman, Hugh	McMaster University	Physics and Astronomy	Ontario	CANADA	18/04/2008	5	\$284,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modelling the formation of cosmic structure	
Coulson, Ian	University of Regina	Geology	Saskatchewan	CANADA	16/05/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Petrological studies of igneous and volcanic systems	
Courneyea, Lorraine	University of Victoria	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Discovery of Dark matter at the LHC: Understanding the missing energy response of ATLAS	
Courtemanche, Richard	Concordia University	Exercise Science	Québec	CANADA	18/04/2008	2	\$40,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neurophysiology of cerebellar, striatal, and cerebral oscillations and communication for motor execution and learning	
Cousineau, Benoit	McGill University	Microbiology and Immunology	Québec	CANADA	18/04/2008	5	\$212,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolution of mobile group II introns	
Coussa, Razek	University of Cambridge	Engineering		UNITED KINGDOM/ ROYAUME- CANADA	23/04/2008	2	\$25,950	Postgraduate Scholarships M/ Bourses d'études supérieures M	Microencapsulated Oral Live Yeast Cells Formulation for Use in	
Cowan, Glenn	Concordia University	Electrical and Computer Engineering	Québec	CANADA	18/04/2008	5	\$112,070	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mixed-signal VLSI for variability tolerant, low- power, and high- performance data communication	
Cowan, William	University of Waterloo	Computer Science, School of	Ontario	CANADA	16/05/2008	3	\$81,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Using applied perception to improve the quality of computer generated images	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Cowen, Laura	University of Victoria	Mathematics and Statistics	British Columbia/Colombie-Britannique	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modeling animal populations with capture-recapture	
Cowie, Martin	University of Alberta	Chemistry	Alberta	CANADA	18/04/2008	1	\$150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Single-crystal x-ray diffractometer with CCD area detector	
Cox, Philip	Dalhousie University	Computer Science, Faculty of	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Logic-based visual languages for manipulating structures	
Cox, Sean	Simon Fraser University	Resource and Environmental Management, School of	British Columbia/Colombie-Britannique	CANADA	18/04/2008	5	\$83,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multiscale assessment of spatial population dynamics of inshore rockfish populations	
Craik, Fergus	University of Toronto	Psychology (Toronto)	Ontario	CANADA	18/04/2008	5	\$374,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Encoding and retrieval processes in human memory	
Crainic, Teodor Gabriel	Université du Québec à Montréal	Management et technologie	Québec	CANADA	18/04/2008	2	\$151,500	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Advanced distribution methods	
Cramb, David	University of Calgary	Chemistry	Alberta	CANADA	16/05/2008	3	\$181,500	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Pain relief: receptor dynamics at the single molecule level	
Cramb, David	University of Calgary	Chemistry	Alberta	CANADA	18/04/2008	5	\$260,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applications of nanotechnology to biophysical chemistry	
Crampton, David	University of Victoria	Physics and Astronomy	British Columbia/Colombie-Britannique	CANADA	18/04/2008	3	\$41,229	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Exploiting gravitational lenses in CFHTLS	
Crawford, Curran	University of Victoria	Mechanical Engineering	British Columbia/Colombie-Britannique	CANADA	18/04/2008	5	\$94,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Wind turbine design and optimization	
Crawford, Heather	Michigan State University	Chemistry	Michigan	UNITED STATES/ CANADA	07/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Beta-delayed particle decaly of 39ti at the proton	
Cressman, Ross	Wilfrid Laurier University	Mathematics	Ontario	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamic evolutionary game theory	
Crosby, Karen	University of Calgary	Physiology and Biophysics	Alberta	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Perinatal Programming of Feeding-Related Hypothalamic Circuit	
Crowder, Nathan	Dalhousie University	Psychology	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$129,635	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Adaptation and optimization of information processing in the early	

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Crowder, Nathan	Dalhousie University	Psychology	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	1	\$113,387	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Electrophysiology suite for extracellular recording in cat visual cortex	
Cruden, Alexander	University of Toronto	Geology	Ontario	CANADA	18/04/2008	5	\$200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Experimental tectonics: localization of deformation and magmatism in continental crust	
Crutchley, Robert	Carleton University	Chemistry	Ontario	CANADA	18/04/2008	5	\$200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cyanamide mixed-valence materials	
Cruz, Carlos	McMaster University	Chemistry	Ontario	CANADA	14/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Development of Highly Active Cationic Organothorium Complexes	
Csima, Barbara	University of Waterloo	Pure Mathematics	Ontario	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computability theory and its applications	
Cuillère, Jean-Christophe	Université du Québec à Trois-Rivières	Génie mécanique	Québec	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Préparation de modèles CAO pour les simulations numériques	
Cullen, Jay	University of Victoria	Earth and Ocean Sciences, School of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$145,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Assessing the impact of global change on the distribution and physicochemical speciation of bioactive trace elements in seawater	
Cullen, Kimberley	University of Guelph	Biological Science, College of	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	3-dimensional kinematics of the canine stifle joint during dynamic activities (trotting, jumping and	
Cully, Brendan	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Dynamic analysis of non-deterministic software	
Cumming, Brian	Queen's University	Biology	Ontario	CANADA	16/05/2008	4	\$155,250	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Assessment of Water Availability in the Winnipeg River Drainage Basin over the past 2	
Cumming, Robert	University of Western Ontario	Biology	Ontario	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Subcellular analysis of the disulfide proteome in mammalian cells	
Cummins, Carolyn Louise	University of Toronto	Pharmacy, Leslie Dan Faculty of	Ontario	CANADA	18/04/2008	5	\$155,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular regulation of glucose metabolism by orphan nuclear receptors	
Cummins, Christopher	Concordia University	Mathematics and Statistics	Québec	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Groups, algebras and modular forms	



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Cunnane, Stephen	Université de Sherbrooke	Physiologie et biophysique	Québec	CANADA	18/04/2008	5	\$340,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fatty acid and ketone metabolism in the healthy elderly	
Curodeau, Alain	Université Laval	Génie mécanique	Québec	CANADA	18/04/2008	3	\$54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Micromachining process with ductile tooling	
Currie, Claire	University of Alberta	Physics	Alberta	CANADA	18/04/2008	5	\$130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geodynamic studies of subduction zones	
Curtis, Daniel	University of Nevada	Biological Sciences	Nevada	UNITED STATES/ ÉTATS-UNIS	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Feeding and digestion in the Dungeness crab, Cancer magister, and the blue crab, Callinectes sapidus during low salinity exposure: balancing the demands of physiological	
Curtis, Jonathan	University of Alberta	Agricultural, Food and Nutritional Science	Alberta	CANADA	18/04/2008	3	\$73,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A study of the minor components of fats and oils - analytical approaches to elucidate changes due to processing and agriculture	
Cuthbertson, Leslie	McMaster University	Biochemistry and Biomedical Sciences	Ontario	CANADA	14/05/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	TetR-like regulators in Streptomyces coelicolor	
Czarnecki, Andrzej	University of Alberta	Physics	Alberta	CANADA	18/04/2008	5	\$450,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Theoretical subatomic physics	
Czarnecki, Krzysztof	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	16/05/2008	5	\$477,895	Industrial Research Chairs/ Professeurs-chercheurs industriels	NSERC/Bank of Nova Scotia Industrial Research Chair in Requirements Engineering of Service-oriented Software Systems	
Dagnino, Lina	University of Western Ontario	Physiology and Pharmacology	Ontario	CANADA	18/04/2008	2	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrin-linked kinase in melanosome uptake in keratinocytes	
Dahmane, Adel Omar	Université du Québec à Trois-Rivières	Électricité et génie informatique, Dépt. de génie	Québec	CANADA	18/04/2008	3	\$45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Prototypage rapide de récepteurs sans fil des générations futures	
Dahn, Jeffrey	Dalhousie University	Physics and Atmospheric Science	Nova Scotia/ Nouvelle-Écosse	CANADA	16/05/2008	5	\$277,250	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Improved respirator carbons using combinatorial and high	
Dai, Chunping	University of British Columbia	Wood Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$69,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modeling bonding properties of wood-based composites	



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Dai, Jiazhen	University of British Columbia	Pathology and Lab Medicine	British Columbia/Colombie-Britannique	CANADA	16/04/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Glycogen turnover & Glycolytic Capacity in the Hypertrophied Heart	
Daigle, Jean-François	Université Laval	Physique, génie physique et optique	Québec	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Optimiser la génération des filaments à longue distance à l'aide d'optique adaptive	
Dajani, Hilmi	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	18/04/2008	5	\$111,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Measurement of brainstem speech-evoked potentials (BSEPs) and thier application in hearing assessment and speech processing technology	
Daku, Brian	University of Saskatchewan	Electrical & Computer Engineering	Saskatchewan	CANADA	18/04/2008	5	\$77,960	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Localization of microseismic events in mines	
Dallimore, Audrey	Royal Roads University	Environment and Sustainability, School of	British Columbia/Colombie-Britannique	CANADA	24/06/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Paleoclimatic, paleoceanographic and paleoseismic history of the northern Pacific coast of British Columbia	
Dalton, Brian	University of Western Ontario	Kinesiology, School of	Ontario	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	The effect of age on motor unit properties of the triceps surae muscles	
Damascelli, Andrea	University of British Columbia	Physics and Astronomy	British Columbia/Colombie-Britannique	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Design and study of novel quantum materials	
Damascelli, Andrea	University of British Columbia	Physics and Astronomy	British Columbia/Colombie-Britannique	CANADA	18/04/2008	5	\$261,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design and study of novel quantum materials	
D'Amours, Olivier	Université Laval	Endocrinologie moléculaire et oncologique, Ctre de rech	Québec	CANADA	11/06/2008	3	\$27,000	Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat	Identification et caractérisation de marqueurs protéiques de la fertilité mâle	
Dang, Qing-Lai	Lakehead University	Forestry and the Forest Environment, Faculty of	Ontario	CANADA	18/04/2008	5	\$170,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interactive effects of CO2, soil temperature, moisture and nutrients on black spruce ecophysiology	
Daniel, Sylvie	Université Laval	Sciences géomatiques	Québec	CANADA	18/04/2008	5	\$91,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Towards a comprehensive and efficient close range photogrammetry solution for low cost, high precision surveying	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Darmon, Henri	McGill University	Mathematics and Statistics	Québec	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Stark-Heegner points and algebraic cycles	
Darmon, Henri	McGill University	Mathematics and Statistics	Québec	CANADA	18/04/2008	5	\$260,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stark-Heegner points and algebraic cycles	
Darvishi-Alamdari, Houshang	Université Laval	Génie des mines, métallurgie et matériaux	Québec	CANADA	18/04/2008	4	\$84,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nanostructured perovskite gas sensors prepared by high energy ball milling	
Dasgupta, Arundhati	University of New Brunswick	Mathematics and Statistics - Fredericton	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	3	\$41,229	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Aspects of quantum gravity	
Dashtgard, Shahin	Simon Fraser University	Earth Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Defining sedimentological and ichnological relations in modern depositional environments	
Daugulis, Andrew	Queen's University	Chemical Engineering	Ontario	CANADA	18/04/2008	5	\$250,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Solid-liquid partitioning bioreactors: A new technology platform for biotechnology and the environment	
Daun, Kyle	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	18/04/2008	5	\$119,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optimal design and inverse analysis of industrial combustion devices	
David, Chantal	Concordia University	Mathematics and Statistics	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Elliptic curves and L-functions	
Davidson, Kenneth	University of Waterloo	Pure Mathematics	Ontario	CANADA	18/04/2008	5	\$210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Operator algebras	
Davidson, Patrick	University of Alberta	Psychology	Alberta	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Memory, emotion, and prefrontal cortex	
Davis, Elaine	McGill University	Anatomy and Cell Biology	Québec	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of Angiogenesis by fibulin-5	
Day, James	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	07/05/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Low Temperature Microwave Spectroscopy of High-Tc	
Day, Troy	Queen's University	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$216,700	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolutionary ecology of disease	

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Day, Troy	Queen's University	Mathematics and Statistics	Ontario	CANADA	16/06/2008	2	\$198,700	EWR Steacie Fellowships/ EWR Steacie	Evolutionary theory - coral bleaching and epigenetic inheritance	
Daynou, Mathurin	École Polytechnique de Montréal	Génies Civil, géologique et des mines	Québec	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Modélisation des écoulements transitoires diphasiques dans les réseaux d'assainissement urbains	
De Buck, Jeroen	University of Calgary	Veterinary Medicine, Faculty of	Alberta	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of surface exposed proteins of M. paratuberculosis in the pathogenesis of Johne's disease in ruminants	
De Kerckhove, Diane	University of Guelph	Physics	Ontario	CANADA	18/04/2008	3	\$65,421	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Characterization and modification of materials using high resolution nuclear microprobes	
De Montigny, Marc	University of Alberta	Faculté Saint-Jean	Alberta	CANADA	18/04/2008	3	\$45,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Algebraic structures in quantum field theories	
De Sterck, Hans	University of Waterloo	Applied Mathematics	Ontario	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multilevel methods for scientific computing	
De Vernal, Anne	Université du Québec à Montréal	GEOTOP-UQAM-McGILL (Centre recherche géochimie et géodynamique)	Québec	CANADA	16/05/2008	2	\$727,800	Major Resources Support Program/ Programme d'appui aux ressources majeures	Canadian participation in the integrated ocean drilling program (IODP)	
De Vries, Gerda	University of Alberta	Mathematical and Statistical Sciences	Alberta	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mathematical modelling of cellular and physiological processes	
Deacon, Hélène	Dalhousie University	Psychology	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$79,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanisms of spelling development	
Dealy, John	McGill University	Chemical Engineering	Québec	CANADA	18/04/2008	3	\$106,830	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of polydispersity in the rheology of a branched polymer	
DeBeer, Chris	University of Saskatchewan	Geography	Saskatchewan	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Spatial variability and scale dependence of snow depletion over a headwater basin, Canadian Rocky Mountains	
Debigaré, Richard	Université Laval	Réadaptation (physiothérapie, ergothérapie)	Québec	CANADA	18/04/2008	3	\$77,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hypoxia and muscle proteolysis	



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DeBruin, Lillian	Wilfrid Laurier University	Chemistry	Ontario	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Membrane microdomains in myelin	
Dechene, Daniel	University of Western Ontario	Electrical and Computer Engineering	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Design an Analysis of Wireless Local Area Network Protocols for use in Multiple Antenna	
Decterov, Sergei	École Polytechnique de Montréal	Génie chimique	Québec	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modeling of thermodynamic and physical properties of	
Dehghany Mohammad-Abady, Mehdi	University of Calgary	Physics and Astronomy	Alberta	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Laser Spectroscopy of complexes and Clusters of Linear Triatomic	
Delagrang, Sylvain	Université du Québec en Outaouais	Informatique et d'ingénierie	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Intégration 3D et temporelle de l'efficacité d'interception et d'utilisation de lumière au cours du développement	
Delaney, Kerry	University of Victoria	Biology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Presynaptic calcium, neurotransmitter release and modulation	
DeLorey, Darren	University of Alberta	Physical Education and Recreation, Faculty of	Alberta	CANADA	18/04/2008	5	\$133,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of vascular tone in resting and contracting muscles: effects of physical activity	
Delvecchio, Christopher	McMaster University	Biochemistry and Biomedical Sciences	Ontario	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	LXR function and mechanisms in lung	
Demers, Serge	Université de Montréal	Physique	Québec	CANADA	18/04/2008	3	\$41,229	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	AGB stars as probes to investigate local group galaxies	
Demirov, Entcho	Memorial University of Newfoundland	Physics and Physical Oceanography	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modeling of interannual variability of the Labrador Sea	
Deng, Dianliang	University of Regina	Mathematics and Statistics	Saskatchewan	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Parametric and nonparametric inferences for various types of data	
Denis, François	Institut national de la recherche scientifique	INRS-Institut Armand- Frappier	Québec	CANADA	18/04/2008	5	\$116,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Genome-wide gene disruption and up- regulation in streptomyces lividans to generate improved expression	



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Denis, Nicholas	University of Ottawa/ Université d'Ottawa	Biochemistry, Microbiology and Immunology	Ontario	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Purification and identification of ubiquitinated proteins from humain blood plasma: Towards an understanding of ubiquitination in blood plasma	
Denko, Mieso	University of Guelph	Computing and Information Science	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Data management techniques, routing and mobility management in wireless mesh networks	
Denman, Kenneth	University of Victoria	Earth and Ocean Sciences, School of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analysis of the interaction of marine planktonic ecosystems, nutrient cycles, and climate change	
Dergousoff, Shaun	University of Saskatchewan	Biology	Saskatchewan	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Ecology of tick-borne bacteria: Interaction between Dermacentor spp., bacteria and small	
Derksen, Jacobus	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	18/04/2008	5	\$130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Detailed multiphase flow simulations at multiple scales	
Derocher, Andrew	University of Alberta	Biological Sciences	Alberta	CANADA	18/04/2008	5	\$123,125	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ecology of polar bears in a changing climate	
Derocher, Andrew	University of Alberta	Biological Sciences	Alberta	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Northern Research Supplement/ Porgramme de subventions à la découverte - supplément en recherche nordique	Ecology of polar bears in changing climate	
Derome, Nicolas	Université Laval	Biologie	Québec	CANADA	18/04/2008	5	\$105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stratégies d'adaptation des communautés de microorganismes aquatiques face aux changements	
Derry, Alison	McGill University	Biology	Québec	CANADA	16/04/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Role of Genetic Diversity in the Ecological Recovery of Stressed Ecosystems	
Deschênes, François	Université de Sherbrooke	Informatique	Québec	CANADA	18/04/2008	5	\$95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Exploitation des effets visuels résultant de phénomènes physiques impliqués dans la formation d'images: applications à la	



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Desjardins, Patrick	École Polytechnique de Montréal	Génie physique	Québec	CANADA	18/04/2008	1	\$247,400	Major Resources Support Program/ Programme d'appui aux ressources majeures	Thin film research laboratories (TFRL) : A user facility serving the condensed matter and materials science communities	
Desmarais, Ronald	University of Victoria	Computer Science	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Proposal for an Autonomic Grid Management System	
Després, Philippe	Université de Montréal	Radiologie, radio- oncologie et médecine nucléaire	Québec	CANADA	16/05/2008	5	\$107,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Streaming architectures for computation in medical radiation physics	
Desrochers, André	Université Laval	Sciences du bois et de la forêt	Québec	CANADA	18/04/2008	5	\$172,375	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Behavioral bases of habitat selection in birds and mammals of the boreal	
DeVinney, Rebekah	University of Calgary	Microbiology and Infectious Diseases	Alberta	CANADA	18/04/2008	5	\$165,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Contribution of the vibrio parahaemolyticus chromosome I type III secretion system to colonization of the Pacific oyster, crassostrea gigas	
Deyholos, Michael	University of Alberta	Biological Sciences	Alberta	CANADA	18/04/2008	5	\$220,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular mechanisms of phloem (bast) fibre development	
Dhirani, Al-Amin	University of Toronto	Chemistry	Ontario	CANADA	18/04/2008	2	\$84,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fundamentals of the electronic response of complex organic and biological systems	
Diallo, Claver	Dalhousie University	Industrial Engineering	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optimization of systems life-cycle performance	
Dick, Rainer	University of Saskatchewan	Physics and Engineering Physics	Saskatchewan	CANADA	18/04/2008	5	\$175,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Extensions of the standard model in cosmic rays and astroparticle physics	
Dickerson, Clark	University of Waterloo	Kinesiology	Ontario	CANADA	18/04/2008	3	\$54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mathematical and empirical investigations into shoulder function	
Dickin, Alan	McMaster University	Geography and Earth Sciences, School of	Ontario	CANADA	18/04/2008	5	\$95,000	Discovery Grants Program - Group/ Programme de subventions à la découverte - équipe	Crustal evolution in the Grenville Province	
Dickson, Alexander	University of Chicago	Chemistry	Illinois	UNITED STATES/	16/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Transition Path Sampling on Non-Conservative	

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Diering, Graham	University of British Columbia	Biochemistry and Molecular Biology	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Exploring the biological function of the brain-enriched sodium proton antiporter NHE5	
Dilkina, Bistra	Cornell University	Computer Science	New York	UNITED STATES/ ÉTATS-UNIS	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Understanding and Exploiting Structure in Combinatorial Problems	
Dineva, Savka	Queen's University	Geological Sciences and Geological Engineering	Ontario	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Present day stress field studies in eastern Canada at regional and local scales	
Ding, Keyue	Queen's University	Community Health and Epidemiology	Ontario	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cox regression model with change-point(s) problems and their application in cancer drug development	
Ding, Zhifeng	University of Western Ontario	Chemistry	Ontario	CANADA	18/04/2008	5	\$240,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Combined scanning electrochemical microscopy for multidisciplinary research	
Dinh, Anh Van	University of Saskatchewan	Electrical & Computer Engineering	Saskatchewan	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	In-chip communication using UWB for 3D integration	
Dion, Isabelle	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Vers l'élaboration d'une stratégie de synthèse stéréosélective d'alcaloïdes par réaction d'hydroamination de type Cope	
Dionne, Jennifer	University of Waterloo	Kinesiology	Ontario	CANADA	14/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Functional consequences of sensorimotor modulation	
Ditlecadet, Delphine	Memorial University of Newfoundland	Biology	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Glycerol turnover in Rainbow smelt: a new step in the comprehension of glyceroneogenesis	
Dixit, Madhu	Carleton University	Physics	Ontario	CANADA	16/05/2008	1	\$75,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	ILC detector development	
Dixit, Madhu	Carleton University	Physics	Ontario	CANADA	16/05/2008	1	\$40,035	Subatomic Physics Envelope - Research Tools and Instruments/ Enveloppe de physique subatomique - Outils et instruments de recherche	Equipment grant for ILC TPC development	
Dixon, Brian	University of Waterloo	Biology	Ontario	CANADA	18/04/2008	5	\$225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular immunology of teleost fishes	

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Dixon, Peter	University of Alberta	Psychology	Alberta	CANADA	18/04/2008	5	\$189,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Episodic memory and the control of performance	
Djaoued, Yahia	Université de Moncton	Campus de Shippagan	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	2	\$39,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthèse et caractérisation de matériaux mésoporeux et hiérarchiques mésoporeux-macroporeux à base d'oxydes de métaux de transition pour des applications chromogènes	
Djordjevic, Jelena	McGill University	Neurology and Neurosurgery	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Studies of pleasantness and unpleasantness in olfaction	
Dmitrienko, Gary	University of Waterloo	Chemistry	Ontario	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthesis and chemistry of bioactive compounds	
Do, Trong-On	Université Laval	Génie chimique	Québec	CANADA	18/04/2008	5	\$105,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nouveaux nanomatériaux à base de nanoparticules: synthèse et applications en catalyse et environnement	
Dobbs, Matthew	McGill University	Physics	Québec	CANADA	18/04/2008	1	\$118,418	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Readout system for POLARBear CMB polarization experiment	
Docoslis, Aristides	Queen's University	Chemical Engineering	Ontario	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of AC electrokinetics-based methodologies for nanoparticle assembly	
Doebeli, Michael	University of British Columbia	Zoology	British Columbia/ Colombie-Britannique	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Evolution of diversity	
Doebeli, Michael	University of British Columbia	Zoology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$221,625	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolution of diversity	
Doering, John	University of Manitoba	Civil Engineering	Manitoba	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Frazil ice processes modeling	
Dokuchaev, Nikolai	Trent University	Mathematics	Ontario	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regularity of parabolic Ito equations and applications to stochastic analysis and control	
Domaratzki, Michael	University of Manitoba	Computer Science	Manitoba	CANADA	18/04/2008	5	\$105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Tools and formal models for biological research	

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Donaldson, Adam	University of Ottawa/ Université d'Ottawa	Chemical and Biological Engineering	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Bubble breakup and mixing of two phase flow in serpentine mini-channels	
Dong, Zhongmin	Saint Mary's University	Biology	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$125,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Rotation benefit and population changes of soil hydrogen oxidizing bacteria in legume crop	
Donini, Andrew	York University	Biology	Ontario	CANADA	18/04/2008	5	\$133,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ion transport mechanisms in transporting epithelia of aquatic insect larvae	
Donkor, Kingsley	Thompson Rivers University	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$54,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Lantibiotics seperation and binding properties of metal- lantibiotics by capillary electrophoresis	
Donner, Simon	University of British Columbia	Geography	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The effect of climate and land use change on nutrient cycling in large river basins	
Donovan, Eric	University of Calgary	Physics and Astronomy	Alberta	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Geospace dynamics and the aurora	
Donovan, Eric	University of Calgary	Physics and Astronomy	Alberta	CANADA	18/04/2008	5	\$269,955	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geospace dynamics and the aurora	
Dooley, Brynn	University of Victoria	Chemistry	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The effects of mixed valency on magnetic exchange interactions in organic magnetoelectronic	
Doran, Diane	University of Toronto	Nursing, Faculty of	Ontario	CANADA	16/05/2008	3	\$227,655	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Integration of bio- physiological information with a point-of-care decision support system for safer patient care	
Doré, Kim	McGill University	Chemistry	Québec	CANADA	16/04/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Étude de la signalisation synaptique par imagerie de temps de vie de fluorescence	
Dorken, Marcel	Trent University	Biology	Ontario	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolution and ecology of plant sexual systems	
Dorner, Sarah	École Polytechnique de Montréal	Génies Civil, géologique et des mines	Québec	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Microbial contaminant fate and transport in complex source waters	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Dost, Sadik	University of Victoria	Mechanical Engineering	British Columbia/Colombie-Britannique	CANADA	18/04/2008	5	\$258,750	Discovery Grants Program - Individual/Programme de subventions à la découverte - individuelles	Transport phenomena in growth of bulk single crystals	
Doucette, Alan	Dalhousie University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	2	\$84,000	Discovery Grants Program - Individual/Programme de subventions à la découverte - individuelles	Technology development for proteome analysis incorporating separations and mass spectrometry	
Doutre, Colin	University of British Columbia	Electrical and Computer Engineering	British Columbia/Colombie-Britannique	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Efficient Multi- View Video Coding	
Douville, Jasmin	Université de Sherbrooke	Chimie	Québec	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Synthèse totale de la daphniphylline	
Dower, John	University of Victoria	Biology	British Columbia/Colombie-Britannique	CANADA	18/04/2008	5	\$98,500	Discovery Grants Program - Individual/Programme de subventions à la découverte - individuelles	Quantifying the effects of variability in food quality on secondary production in marine ecosystems	
Dowling, Patricia	University of Saskatchewan	Veterinary Biomedical Sciences	Saskatchewan	CANADA	16/05/2008	3	\$154,797	Collaborative Health Research Projects/Projets de recherche concertée sur la santé	Synchrotron microanalysis of gallium as a potential therapy for antimicrobial resistant urinary tract infections	
Doylend, Jonathan	McMaster University	Engineering Physics	Ontario	CANADA	14/05/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Intergrated optics in silicon	
Driedzic, William	Memorial University of Newfoundland	Ocean Sciences Centre	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	18/04/2008	5	\$285,900	Discovery Grants Program - Individual/Programme de subventions à la découverte - individuelles	Surviving hypoglycemia and hypoglycemic-hypoxia	
Drobetsky, Elliot	Université de Montréal	Microbiologie et immunologie	Québec	CANADA	18/04/2008	5	\$190,000	Discovery Grants Program - Individual/Programme de subventions à la découverte - individuelles	Modulation of DNA repair by cellular deubiquitinases	
Drogui, Allali Patrick	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/Programme de subventions à la découverte - individuelles	Développement des électrotechnologies pour le traitement d'effluents résiduares contaminées par des perturbateurs endocriniens et autres polluants inorganiques et microbiens	
Drouillard, Kenneth	University of Windsor	Great Lakes Inst. for Environmental Res. (GLIER)	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/Programme de subventions à la découverte - individuelles	Chemical tracers of bioenergetics and energy acquisition in aquatic ectotherms	
Drummlsmith, Jolyne	Université Laval	Biologie médicale	Québec	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/Programme de subventions à la découverte - individuelles	Characterization of staphylococcus aureus lytic transglycosylases	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Drummond, James	University of Toronto	Physics	Ontario	CANADA	16/05/2008	1	\$218,700	Major Resources Support Program/ Programme d'appui aux ressources majeures	Polar Environment Atmospheric Research Laboratory (PEARL)	
Du, Jenny	Queen's University	Chemistry	Ontario	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Ordered Mesoporous organically-modified silicate films as chemically- selective coatings for fibre- optic sensors	
Duarte, Paula	University of Ottawa/ Université d'Ottawa	Biology	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Cross-regulation between estrogen and thyroid hormone during amphibian development and the implications for endocrine disruption.	
Dubé, Jean-Sébastien	École de technologie supérieure	Génie de la construction	Québec	CANADA	16/05/2008	4	\$169,400	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Caractérisation des remblais hétérogènes urbains contaminés	
Dubé, Monique	University of Saskatchewan	Veterinary Biomedical Sciences	Saskatchewan	CANADA	16/06/2008	3	\$179,807	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Examination of the effects of mixtures, metals, and toxicity modifying factors on fathead minnow at Vale Inco, Junction Creek, Sudbury, ON	
Dubé, Olivier	École Polytechnique de Montréal	Génie chimique	Québec	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Étude des facteurs de forme sur le mélange de poudres pharmaceutiques	
Dubois, Eric	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	18/04/2008	5	\$194,905	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multidimensional signal processing for visual and multimedia services	
Dubrowski, Adam	University of Toronto	Nursing, Faculty of	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Self regulated motor learning; mechanisms and applications	
Duchaine, Vincent	Université Laval	Génie mécanique	Québec	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Coopération humain-robot	
Duchesne, Carl	Université Laval	Génie chimique	Québec	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of on-line process analytical technologies based on spectral imaging and chemometrics for process and product quality control	
Duchesne, Josée	Université Laval	Géologie et génie géologique	Québec	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Valorisation et stabilisation de résidus industriels	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Duchesne, Sophie	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	24/06/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modélisation mathématique appliquée à la gestion des ressources en eau et des infrastructures	
Duckworth, Harry	University of Manitoba	Chemistry	Manitoba	CANADA	18/04/2008	5	\$200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Allosteric citrate synthase	
Dudding, Travis	Brock University	Chemistry	Ontario	CANADA	18/04/2008	3	\$96,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A strategic evolution of sequential tandem catalysis (STC) and concurrent tandem catalysis (CTC) protocols for applications in synthesis	
Dudek, Gregory	McGill University	Computer Science, School of	Québec	CANADA	18/04/2008	5	\$305,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Autonomous systems for unstructured environments	
Duff, Sheldon	University of British Columbia	Chemical and Biological Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$129,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Pretreatment, hydrolysis and fermentation of lignocellulosic material	
Duffy, Michael	University of New Brunswick	Biology (Fredericton)	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$161,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular interactions at the interface of parasitic nematodes with their hosts	
Dufresne, Louis	École de technologie supérieure	Génie mécanique	Québec	CANADA	18/04/2008	5	\$94,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modélisation et simulation d'écoulements tourbillonnaires et turbulents appliquées à la sécurité du transport aérien	
Dugal-Tessier, Julien	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	New ligand designed based on the phosphalkene motif for use in organic synthesis	
Dukas, Reuven	McMaster University	Psychology, Neuroscience & Behaviour	Ontario	CANADA	18/04/2008	5	\$137,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolutionary biology of learning	
Dumais, Nancy	Université de Sherbrooke	Biologie	Québec	CANADA	18/04/2008	2	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Rôle des prostaglandines dans la régulation de l'expression de CCR7 dans les cellules colorectales	
Dumas, Guy	Université Laval	Génie mécanique	Québec	CANADA	18/04/2008	5	\$103,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hydrolienne à ailes oscillantes et nano-véhicules aériens	
Dumberry, Mathieu	University of Alberta	Physics	Alberta	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamics of the earth's fluid and solid cores	



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Dumont, Éric	Queen's University	Health Sciences, Faculty of	Ontario	CANADA	18/04/2008	5	\$133,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neurobiological basis of the supraspinal regulation of nociception	
Dumont, Guy	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$290,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Identification and control techniques for industrial and biomedical	
Dumouchel, Pierre	École de technologie supérieure	Génie logiciel et des TI	Québec	CANADA	18/04/2008	3	\$215,590	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Managing emotions in human computer dialogs	
Duncan, Fraser	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Physics	Ontario	CANADA	16/05/2008	1	\$42,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	DEAP/Clean continued R & D and infrastructure (Applicant: M. Boulay)	
Duncan, Sherie	University of British Columbia	Medicine, Faculty of	British Columbia/ Colombie-Britannique	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Investigation of the biological effects of LPS- induced, TLR4- independent responses	
Dunfield, Peter	University of Calgary	Biological Sciences	Alberta	CANADA	18/04/2008	5	\$225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ecology and genomics of aerobic methanotrophic bacteria	
Dunlop, David	University of Toronto	Chemical and Physical Sciences	Ontario	CANADA	18/04/2008	5	\$450,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Rock magnetism and paleomagnetism of continental and oceanic rocks and synthetic equivalents	
Dunlop, James	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$191,424	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The formation and growth of galaxies since re- ionisation	
Dunning, Gregory	Memorial University of Newfoundland	Earth Sciences	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Complexity in Orogenic processes and the U/Pb systematics of accessory minerals	
Dupré, Denis	Dalhousie University	Pharmacology	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of a method for the identification of heterodimeric receptors signalling partners	
Durance, Timothy	University of British Columbia	Land and Food Systems, Faculty of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	1	\$36,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dehydration of biological materials with radiant microwave energy under vacuum	
Durnford, Dion	University of New Brunswick	Biology (Fredericton)	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$190,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Function of light harvesting complex-related proteins and the molecular basis of photoacclimation	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Durst, Tony	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	18/04/2008	2	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Natural product and medicinal chemistry	
Dushoff, Jonathan	McMaster University	Biology	Ontario	CANADA	18/04/2008	5	\$165,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamics of infectious disease spread	
Duthie, Kia	University of British Columbia	Microbiology and Immunology	British Columbia/ Colombie-Britannique	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Identification of novel interleukin-7-induced signaling effector involved in Tcell survival	
Dutton, Jason	University of Western Ontario	Chemistry	Ontario	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Synthesis of Se-->Cd precursors for the formation of CdSe semiconductors films	
Dyck, David	University of Guelph	Human Health and Nutritional Sciences	Ontario	CANADA	18/04/2008	3	\$108,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The role of FA metabolism in the impairment of insulin signalling	
Dyer, Kelly	University of Western Ontario	Psychology	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The Association Between Estradiol and Working Memory Across the Human Menstrual Cycle	
Eadie, Reginald	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	18/04/2008	5	\$108,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Small crack growth in near- neutral pH stress corrosion cracking	
Eavis, Todd	Concordia University	Computer Science and Software Engineering	Québec	CANADA	18/04/2008	5	\$93,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Scalable methods for data warehousing and knowledge discovery	
Eberly, Wayne	University of Calgary	Computer Science	Alberta	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Randomized matrix computations over finite fields	
Ebert, Robert	University of Texas at San Antonio	Head Office	Texas	UNITED STATES/ ÉTATS-UNIS	07/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Exploring the plasma composition and dynamics of Jupiter's Magnetotail using the Solar Wind Around Pluto (SWAP) Instrument on New	
Eckert, Christopher	Queen's University	Biology	Ontario	CANADA	18/04/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Experimental analysis of adaptation in plants: from reproduction to range limits	
Edelstein-Keshet, Leah	University of British Columbia	Mathematics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Mathematical models of actin in cell motility and of swarms/schools in social aggregation	

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Edery, Ariel	Bishop's University	Physics	Québec	CANADA	18/04/2008	5	\$75,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Conformal anomaly in the gravitationally coupled magnetic monopole and vacua effects under external conditions	
Edinger, Evan	Memorial University of Newfoundland	Geography	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geology, biogeography, and conservation of deep- sea corals in waters of Atlantic Canada	
Edrisy, Afsaneh	University of Windsor	Mechanical, Automotive and Materials Engineering	Ontario	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Surface treatment of titanium alloys for simultaneous improvement of wear and fatigue	
Edwards, Richard	University of Toronto	Physics	Ontario	CANADA	18/04/2008	5	\$290,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Offshore methane hydrate assessment and evolution with novel geophysical methods	
Edwards, Thomas	University of Waterloo	Earth Sciences	Ontario	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Isotope climatology and paleoclimatology of Western Canada	
Egger, Keith	University of Northern British Columbia	Biology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$155,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional diversity of root- associated microbial communities	
Eglington, Bruce	University of Saskatchewan	Geological Sciences	Saskatchewan	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Isotope geochemistry and geochronology of proterozoic crustal development	
Ehlting, Juergen	University of Victoria	Forest Biology, Centre for	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$155,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional genomics exploring the shikimate and phenylpropanoid pathway: the physiological role of shikimate and Boreal bioprospecting:	
Eibl, Joseph	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Biology	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	identifying and characterizing novel neuroprotectants from boreal forests	
Eid, Mohamad	University of Ottawa/ Université d'Ottawa	Engineering, Faculty of	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Haptic Applications Authoring Framework	
Eiselt, Horst	University of New Brunswick	Business Administration, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Location models	



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Ekmekci, Alis	University of Toronto	Aerospace Studies, Institute for	Ontario	CANADA	18/04/2008	5	\$94,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Control of vortex shedding from a cylinder via geometrical surface disturbances	
El Khakani, My Ali	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	18/04/2008	5	\$139,560	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nanostructured materials: synthesis, properties and applications	
El Saddik, Abdulmotaleb	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	18/04/2008	5	\$130,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advances in collaborative Haptic audio visual invironments	
El Saddik, Abdulmotaleb	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	18/04/2008	1	\$106,600	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Infrastructure for collaborative haptic-visual environments	
Elahipanah, Ava	University of Toronto	Medical Science, Institute of	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Visual Span, Attention and Gestalt Perception	
Elbiaze, Halima	Université du Québec à Montréal	Informatique	Québec	CANADA	18/04/2008	2	\$40,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Architectures and algorithms for service oriented optical networks	
El-Geneidy, Ahmed	McGill University	Urban Planning, School of	Québec	CANADA	18/04/2008	5	\$91,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Measuring land use and transportation performance in the Montreal metropolitan region	
Elkamel, Ali	University of Waterloo	Chemical Engineering	Ontario	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Green process systems engineering	
Elkin, Benjamin	Columbia University	Biomedical Engineering	New York	UNITED STATES/ ÉTATS-UNIS	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Mechanical Properties of Brain Tissue: Implications for traumatic brain injury	
Ellery, Alexander	Carleton University	Mechanical & Aerospace Engineering	Ontario	CANADA	18/04/2008	2	\$36,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bio-inspired robot control systems for space application	
Ellis, David	Trent University	Chemistry	Ontario	CANADA	18/04/2008	2	\$30,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The environmental fate of emerging pollutants in the canadian environment: merging modelling and experimental techniques to create accurate predictive methods	





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Ellison, Sara	University of Victoria	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Probing galaxies with quasar absorption lines	
El-Mabrouk, Nadia	Université de Montréal	Informatique et recherche opérationnelle	Québec	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algorithms for the inference of gene family evolution	
ElMekkawy, Tarek	University of Manitoba	Mechanical and Manufacturing Engineering	Manitoba	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Rescheduling optimization of manufacturing systems in a dynamic environment	
El-Sheimy, Naser	University of Calgary	Geomatics Engineering	Alberta	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Adaptive integration techniques for low-cost integrated navigation systems	
El-Sheimy, Naser	University of Calgary	Geomatics Engineering	Alberta	CANADA	18/04/2008	5	\$155,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Adaptive integration techniques for low-cost integrated navigation systems	
Elshorbagy, Amin	University of Saskatchewan	Civil and Geological Engineering	Saskatchewan	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hybrid modeling approach to assess the sustainability of hydrological systems	
Eltis, Lindsay	University of British Columbia	Microbiology and Immunology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$429,655	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigating the biocatalytic potential of microbial enzymes	
Elwood, Kenneth	University of British Columbia	Civil Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Seismic rehabilitation of existing concrete and masonry buildings	
Emamian, Seyed Ali	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	In-situ Synthesis of Metal Matrix Composites using Laser Cladding Technique	
Emberly, Eldon	Simon Fraser University	Physics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	2	\$40,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation in biological signalling networks	
Embury, John David	McMaster University	Materials Science and Engineering	Ontario	CANADA	18/04/2008	3	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Co-deformation of metallic materials	
Emery, Neil	Trent University	Biology	Ontario	CANADA	18/04/2008	5	\$190,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cytokinins and source-sink relationships within plants	
Emes, Michael	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	18/04/2008	5	\$275,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of starch synthesis in higher plants	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Enns, James	University of British Columbia	Psychology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$337,180	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Visual perception and attention	
Epand, Richard	McMaster University	Biochemistry and Biomedical Sciences	Ontario	CANADA	18/04/2008	5	\$292,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Membrane interactions and diacylglycerol kinases	
Epstein, Marcelo	University of Calgary	Mechanical and Manufacturing Engineering	Alberta	CANADA	18/04/2008	1	\$32,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanics of growth and remodeling	
Erbilgin, Nadir	University of Alberta	Agriculture, Forestry/Home Econ, Fac. of	Alberta	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ecology and management of emerging forest pest complexes	
Ernst, Richard	Carleton University	Earth Sciences	Ontario	CANADA	18/04/2008	5	\$77,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Large igneous province (LIP) record of Venus: insights from giant radiating Graben-Fissure systems, and comparison	
Erven, Christopher	University of Waterloo	Physics and Astronomy	Ontario	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Free-Space quantum key distribution and communication	
Esmail, Nabil	Concordia University	Mechanical and Industrial Engineering	Québec	CANADA	18/04/2008	5	\$120,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Microflows and nanoflows fundamentals and applications	
Esmailpour, Amir	University of Guelph	Computing and Information Science	Ontario	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Quality of service management and routing framework for wireless mesh networks	
Esopenko, Carrie	University of Saskatchewan	Psychology	Saskatchewan	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	The cortical organization during, and the behavioural variables that affect, semantic processing	
Evans, David	University of Toronto	Ecology and Evolutionary Biology	Ontario	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolution and paleobiology of late cretaceous ornithischian dinosaurs	
Evans, Greg	University of Toronto	Chemical Engineering and Applied Chemistry	Ontario	CANADA	16/05/2008	3	\$184,022	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Development of a novel technology for in-vitro assessment of exposure to fine and ultrafine particulate matter	
Evans, Patricia	University of New Brunswick	Computer Science, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algorithms for comparing biological graph structures	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Evans, Stephen	University of Victoria	Biochemistry and Microbiology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$211,965	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structural studies of protein-carbohydrate interactions	
Evermann, Jorg	Memorial University of Newfoundland	Business Administration, Faculty of	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	16/05/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Information use in database integration processes	
Fahrig, Lenore	Carleton University	Biology	Ontario	CANADA	18/04/2008	1	\$47,280	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Effects of roads and traffic on wildlife populations	
Fall, Mamadou	University of Ottawa/ Université d'Ottawa	Civil Engineering	Ontario	CANADA	18/04/2008	5	\$101,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced tools for analyzing and predicting the performance and durability of paste backfill under different thermal	
Fam, Amir	Queen's University	Civil Engineering	Ontario	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structurally integrated stay-in-place composite forms for concrete structures	
Fan, Guangzhe	University of Waterloo	Statistics and Actuarial Science	Ontario	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Building flexible tree models and ensemble tree models for statistical learning in classification, regression and failure time data analysis	
Fan, Mannie	Celator Pharmaceuticals Inc	Head Office	British Columbia/ Colombie-Britannique	CANADA	04/06/2008	2	\$60,000	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	Cell cycle and apoptosis analysis of synergistic and antagonistic anti-cancer drug combinations	
Farbar, Erin	University of Michigan	Aerospace Engineering	Michigan	UNITED STATES/ ÉTATS-UNIS	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Numerical Simulation of Ionized, Rarefied Hypersonic Re-entry Flows using Direct Simulation Monte Carlo	
Farhat, Zoheir	Dalhousie University	Process Engineering and Applied Science	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	4	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Tribology of advanced materials and processes	
Farookhi, Riaz	McGill University	Physiology	Québec	CANADA	18/04/2008	2	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Germ line development in mammals	
Fartaj, Amir	University of Windsor	Mechanical & Materials Engineering	Ontario	CANADA	18/04/2008	5	\$103,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Environmentally-friendly advanced transcritical CO2 refrigeration system	
Farzad, Babak	Brock University	Mathematics	Ontario	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algorithmic game theory and graph theory	

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Farzaneh, Masoud	Université du Québec à Chicoutimi	Sciences appliquées	Québec	CANADA	18/04/2008	5	\$222,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Étude de la performance électrique des isolateurs dans des conditions de givrage	
Fast, Naomi	University of British Columbia	Botany	British Columbia/ Colombie-Britannique	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Intron retention and the effects of genome size reduction on splicing	
Fast, Naomi	University of British Columbia	Botany	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$215,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Intron retention and the effects of genome size reduction on splicing	
Faubert, Jocelyn	Université de Montréal	Optométrie, école d'	Québec	CANADA	18/04/2008	5	\$119,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Motion perception in a full-immersion virtual environment	
Faucheux, Nathalie	Université de Sherbrooke	Génie chimique	Québec	CANADA	18/04/2008	5	\$120,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Action synergique de peptides dérivés de facteurs de croissance et de biomatériaux pour réguler les cellules osseuses et adipeuses	
Favre, Anne-Catherine	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	16/05/2008	3	\$150,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Évaluation et prise en compte des incertitudes pour les précipitations et les écoulements simulés par le Modèle Régional Canadien du Climat	
Fayek, Dalia	University of Guelph	Engineering, School of	Ontario	CANADA	18/04/2008	5	\$92,580	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Video traffic engineering for IPTV services	
Feder, David	University of Calgary	Physics and Astronomy	Alberta	CANADA	18/04/2008	5	\$152,645	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ultracold atoms and quantum computation	
Feldman, Lisa	University of Saskatchewan	Civil and Geological Engineering	Saskatchewan	CANADA	18/04/2008	5	\$91,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bond and development of reinforcing steel for structural evaluation and rehabilitation	
Fenech, Marianne	University of Ottawa/ Université d'Ottawa	Mechanical Engineering	Ontario	CANADA	24/06/2008	5	\$94,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Model of microcirculation: effect of cell interactions on blood flow	
Feng, Zeny	University of Guelph	Mathematics and Statistics	Ontario	CANADA	16/05/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical methods in genetic studies	

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Fennell, Christopher	University of Ottawa/ Université d'Ottawa	Psychology, School of	Ontario	CANADA	18/04/2008	5	\$89,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bilingual infants' acquisition and perception of phonemes	
Fenney, Alison	McMaster University	Psychology, Neuroscience & Behaviour	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The role of motor learning and memory in the acquisition and retention of ASL in individuals with Alzheimer's disease	
Fenniri, Hicham	University of Alberta	Chemistry	Alberta	CANADA	18/04/2008	5	\$255,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	From small molecules to complex supramolecular architectures: underlying physical concepts and phenomena	
Fenske, Mark	University of Guelph	Psychology	Ontario	CANADA	18/04/2008	5	\$99,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Attention-emotion interactions: Investigating the affective consequences of selective attention	
Ferber, Susanne	University of Toronto	Psychology (Toronto)	Ontario	CANADA	18/04/2008	5	\$134,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Reflexive and controlled processes in attention	
Ferguson, Moira	University of Guelph	Integrative Biology	Ontario	CANADA	18/04/2008	5	\$251,175	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolutionary genetics of fishes	
Fernandes, Maria	Université Laval	Anatomie et physiologie	Québec	CANADA	18/04/2008	2	\$56,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The role of C-type lectins in neutrophil function	
Fernandez, Jose Manuel	École Polytechnique de Montréal	Génie informatique	Québec	CANADA	18/04/2008	5	\$79,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Performance analysis in computer security: theoretical and experimental methods	
Ferris, Grant	University of Toronto	Geology	Ontario	CANADA	18/04/2008	5	\$192,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Microbial geochemistry dynamics	
Fichtinger, Gabor	Queen's University	Computing, School of	Ontario	CANADA	18/04/2008	5	\$95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational modeling of image-guided needle-based surgery	
Fichtinger, Gabor	Queen's University	Computing, School of	Ontario	CANADA	18/04/2008	1	\$115,551	Idea to Innovation/ De l'idée à l'innovation	Intensity-based registration of ultrasound and fluoroscopy- developement of a clinically viable system for	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Fiege, Jason	University of Manitoba	Physics and Astronomy	Manitoba	CANADA	18/04/2008	3	\$55,956	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applications of an advanced genetic algorithm to gravitational lens systems, galactic HI disks and star formation	
Figeys, Daniel	University of Ottawa/ Université d'Ottawa	Biochemistry, Microbiology and Immunology	Ontario	CANADA	18/04/2008	5	\$300,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Proteomic technologies for complex samples	
Filion, Yves	Queen's University	Civil Engineering	Ontario	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Drinking water system vulnerability: assessment and protection	
Filipe, Carlos	McMaster University	Chemical Engineering	Ontario	CANADA	18/04/2008	5	\$105,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Assembling protein based structures in living cells and in vitro	
Finan, Turlough	McMaster University	Biology	Ontario	CANADA	18/04/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Molecular genetics of the Sinorhizobium meliloti- alfalfa symbiosis	
Finbow, Stephen	St. Francis Xavier University	Mathematics, Statistics and Computing Sciences	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Colourings, independence and domination	
Findlay, Christopher Scott	University of Ottawa/ Université d'Ottawa	Biology	Ontario	CANADA	16/05/2008	5	\$113,275	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The ecosystem structure- function link	
Finkel, Zoe	Mount Allison University	Sciences, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Macroevolution of phytoplankton communities in response to climate change	
Finn, Ron	University of Victoria	Biochemistry and Microbiology	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Characterization of Testes- specific and Somatic Isoforms of Homo Sapien Nuclear Autoantigenic Sperm Protein	
Finnie, Paul	University of Ottawa/ Université d'Ottawa	Physics	Ontario	CANADA	18/04/2008	5	\$65,420	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optical carbon nanotubes: fabrication and optical imaging	
Fischmeister, Sebastian	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	18/04/2008	5	\$79,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Model-assisted debugging of embedded systems	
Fitzgeorge, Lyndsay	University of Western Ontario	Kinesiology, School of	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Identifying the causes and characteristics of inhibitory after-effects.	





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Fixman, Elizabeth	McGill University	Medicine	Québec	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nucleocytoplasmic shuttling of the stat-6 transcription factor and regulation of gene	
Fleming, Alison	University of Toronto	Psychology (Toronto)	Ontario	CANADA	18/04/2008	5	\$269,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Maternal behaviour and prefrontal function in the rat	
Fleming, David	Mount Allison University	Physics	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$117,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New horizons for x-ray fluorescence in trace element detection	
Flemming, Roberta	University of Western Ontario	Earth Sciences	Ontario	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mineralogy of earth and planetary materials and synthetic analogues	
Fliss, Ismail	Université Laval	Sciences des aliments et de nutrition	Québec	CANADA	18/04/2008	5	\$145,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Approche pluridisciplinaire pour l'étude et la compréhension des interactions entre des probiotiques bactéricinogènes et l'écosystème digestif	
Floresco, Stanley	University of British Columbia	Psychology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$149,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cortico-thalamic-striatal circuitry and cognitive flexibility	
Floryan, Jerzy	University of Western Ontario	Mechanical and Materials Engineering	Ontario	CANADA	18/04/2008	5	\$228,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Flow control and origins of turbulence	
Flynn, Lauren	Queen's University	Chemical Engineering	Ontario	CANADA	18/04/2008	4	\$96,240	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamic culture of adipose- derived stem cells on microcarrier beads	
Foldvari, Marianna	University of Waterloo	Pharmacy, School of	Ontario	CANADA	18/04/2008	5	\$97,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Micro- and nanoscale delivery systems for macromolecules: gene delivery	
Foley, Stephen	University of Saskatchewan	Chemistry	Saskatchewan	CANADA	18/04/2008	3	\$96,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design of late transition metal catalysts for organic transformations	
Fontaine, Frédéric-Georges	Université Laval	Chimie	Québec	CANADA	18/04/2008	3	\$126,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthesis and reactivity of ambiphilic transition metal complexes	
Forbes, Fraser	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	18/04/2008	5	\$134,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Performance analysis for online chemical process optimization systems	



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Forbes, Mark	Carleton University	Biology	Ontario	CANADA	18/04/2008	5	\$238,370	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Problems in evolutionary ecology and ecological parasitology: theory and empirical tests	
Forde, Nancy	Simon Fraser University	Physics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	2	\$74,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Developing a molecular blueprint fo mechanical response	
Forest, Chantal	Université de Montréal	Microbiologie et immunologie	Québec	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Caractérisation de fimbriae de Salmonella enterica sérovary Typhi	
Forster, Taryn	University of Calgary	Chemistry	Alberta	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Four-membered N- heterocyclic carbenes with an inorganic backbone	
Forte, Alessandro	Université du Québec à Montréal	Sciences de la terre et de l'atmosphère	Québec	CANADA	18/04/2008	5	\$237,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modelling and prediction of dynamical impact of mantle convection on global surface processes	
Fortin, Claudette	Université Laval	Psychologie, École de	Québec	CANADA	18/04/2008	5	\$102,180	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Attention and control processes in interval timing	
Fortin, Marc-André	Université Laval	Génie des mines, métallurgie et matériaux	Québec	CANADA	18/04/2008	4	\$111,640	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Metal colloids showing high signal and enhanced contrast in cellular and molecular imaging with MRI and PET/MRI	
Foster, Warren	McMaster University	Obstetrics and Gynecology	Ontario	CANADA	18/04/2008	5	\$185,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neurotrophins and trks - novel reproductive tract proteins	
Foucher, Daniel	Ryerson University	Chemistry and Biology	Ontario	CANADA	18/04/2008	3	\$102,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Towards moisture and light stable polystannanes	
Fouli, Kerim	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunication - Montréal	Québec	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Architectures and performance of optical coding in access and metropolitan networks	
Fournier, Benoît	Université Laval	Géologie et génie géologique	Québec	CANADA	18/04/2008	5	\$116,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigations on aggregate reactions and the development of damage in concrete	

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Fournier, Patrick	Université de Sherbrooke	Physique	Québec	CANADA	18/04/2008	5	\$231,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Competition, coexistence and cooperation of various phases in novel oxide- based materials and devices/ Compétition, coexistence et coopération de diverses phases dans	
Fournier, Patrick	Université de Sherbrooke	Physique	Québec	CANADA	18/04/2008	1	\$101,101	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	High pressure RHEED for PLD chamber/ Système RHEED à haute pression pour une chambre d'ablation laser	
Fournier, Richard	Université de Sherbrooke	Géomatique appliquée	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New methods for remote sensing of vegetated ecosystems: in situ measurement and multi- scale mapping	
Fowler, Michael	University of Waterloo	Chemical Engineering	Ontario	CANADA	18/04/2008	5	\$120,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improved polymer electrolyte membrane fuel cell systems through failure mode analysis and incorporation of degradation into fuel cell hybrid power systems &	
Foxcroft, George	University of Alberta	Agricultural, Food and Nutritional Science	Alberta	CANADA	18/04/2008	5	\$365,000	Discovery Grants Program - Group/ Programme de subventions à la découverte - équipe	Integrated studies on embryonic survival and prenatal development in swine	
Frank, Natia	University of Victoria	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$108,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design of molecular magnetoelectronic materials	
Franklin, Steven	University of Saskatchewan	Geography	Saskatchewan	CANADA	18/04/2008	5	\$160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	LiDAR and multispectral remote sensing for environmental applications	
Fraser, Erin	University of Western Ontario	Biology	Ontario	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Bats and migration: using stable hydrogen isotope analysis to trace	
Fraser, James	Queen's University	Physics	Ontario	CANADA	18/04/2008	5	\$196,260	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ultrafast optical probing and control on the micro to nanoscale	

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Fraser, Kevin	University of New Brunswick	Biology (Fredericton)	New Brunswick/ Nouveau-Brunswick	CANADA	14/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The effect of non-breeding habitat on breeding ground relationships in a polygynandrous songbird, Catharus bicknelli.	
Fraser, Marie	University of Calgary	Biological Sciences	Alberta	CANADA	18/04/2008	5	\$214,825	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Catalytic mechanism and biological roles of succinyl- CoA synthetase and related enzymes	
Fraser, Roydon	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	18/04/2008	3	\$54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Designing advanced automotive powertrains as integrated systems	
Frayne, Richard	University of Calgary	Radiology	Alberta	CANADA	18/04/2008	5	\$225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced signal processing for rapid imaging	
Fréchette, Luc	Université de Sherbrooke	Génie mécanique	Québec	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Micro fuel cells integrated at the meso-micro-nano scales	
Fréchette, Luc	Université de Sherbrooke	Génie mécanique	Québec	CANADA	18/04/2008	5	\$130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Micro fuel cells integrated at the meso-micro-nano scales	
Frederiksen, Andrew	University of Manitoba	Geological Sciences	Manitoba	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Seismic imaging of crust- mantle interaction	
Fredette, Marc	HEC Montréal	Méthodes quantitatives de gestion, Service de l'enseignement des	Québec	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Prediction and estimation problems with recurrent events	
Fredlund, Delwyn	University of Saskatchewan	Civil and Geological Engineering	Saskatchewan	CANADA	24/06/2008	5	\$300,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Unsaturated soil mechanics & near-ground-surface phenomena	
Freundorfer, Alois	Queen's University	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$146,180	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Towards 3D high speed circuits	
Frey, Brendan	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$240,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Affinity propagation: theory and practice	
Friedlander, John	University of Toronto	Computer and Mathematical Sciences	Ontario	CANADA	18/04/2008	5	\$220,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Research in number theory	
Friedlander, Michael	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Large-scale numerical optimization	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Friendly, Michael	York University	Health, Faculty of	Ontario	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Graphical methods for multivarialte linear models	
Frigon, Marlène	Université de Montréal	Mathématiques et de statistique	Québec	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Méthodes variationnelles et topologiques en analyse non linéaire	
Frise, Peter	University of Windsor	Mechanical, Automotive and Materials Engineering	Ontario	CANADA	16/05/2008	4	\$17,400,000	Networks of Centres of Excellence/ Réseaux de centres d'excellence	Automobile of the 21st Century/L'automobile du XXIe siècle	
Frohwerk, Erin	University of British Columbia	Medicine, Faculty of	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Role of CD34 Family in Vascular Development and Asthma	
Frolov, Valeri	University of Alberta	Physics	Alberta	CANADA	18/04/2008	5	\$377,940	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Strong gravity, black holes and extra dimensions	
Frost, David	University of Waterloo	Kinesiology	Ontario	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	The quantification of spine stability during dynamic tasks: electromygraphic profiles and spine loads	
Fry, Robb	Thompson Rivers University	Advanced Technologies & Mathematics, School of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Smooth and analytic approximation in Banach spaces	
Fry, William	University of Manitoba	Biological Sciences	Manitoba	CANADA	18/04/2008	5	\$158,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of energy homeostasis: a dynamic role for the subfornical	
Fu, Liping	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	18/04/2008	5	\$133,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Models and algorithms for intelligent winter road maintenance and traveler information systems	
Fu, Yuejiao	York University	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Developments and challenges in mixture models	
Fuamba, Musandji	École Polytechnique de Montréal	Génies Civil, géologique et des mines	Québec	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of an innovative for the urban drainage systems design and rehabilitation: transient flow with entrapped air based approach	
Fueten, Frank	Brock University	Earth Sciences	Ontario	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analyses of image derived data: from microstructure to Mars	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Fuller, David	University of Waterloo	Management Sciences	Ontario	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Economic equilibrium: models, algorithms and applications to energy policy analysis	
Fulthorpe, Roberta	University of Toronto	Physical & Environmental Sciences (Scarborough College)	Ontario	CANADA	18/04/2008	5	\$132,975	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Catabolic bacteria of the rhizosphere - selection and stability	
Fung, Benjamin	Concordia University	Engineering and Computer Science, Faculty of	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Privacy-preserving RFID systems for data analysis	
Furman, Edward	York University	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dependance concepts and multivariate probability models in financial risk measurement	
Furtak, Timothy	University of Alberta	Computing Science	Alberta	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	General games agents	
Fussmann, Gregor	McGill University	Biology	Québec	CANADA	16/05/2008	3	\$351,860	Special Research Opportunity Program - Project/ Programme d'occasion spéciale en recherche - projet	Ecology and evolution of parasite-host relationships in a real ecosystem	
Fyles, James	McGill University	Natural Resource Sciences	Québec	CANADA	18/04/2008	5	\$88,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ecosystems on the edge: the ecology of deciduous forest ecosystems near their northern limit in	
Gabardo, Jean-Pierre	McMaster University	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Continuous and discrete Gabor and wavelet analysis	
Gaboury, Damien	Université du Québec à Chicoutimi	Sciences appliquées	Québec	CANADA	18/04/2008	3	\$45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Facteurs de contrôle physico-chimiques sur l'incorporation des éléments traces dans la pyrite hydrothermale	
Gabryelski, Wojciech	University of Guelph	Chemistry	Ontario	CANADA	18/04/2008	2	\$40,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	How safe is drinking water?	
Gachon, Philippe	Université du Québec à Montréal	Centre ESCER	Québec	CANADA	16/05/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of regional extreme climate scenarios for Canada	
Gagnon, François	École de technologie supérieure	Génie électrique	Québec	CANADA	16/05/2008	1	\$115,000	Idea to Innovation/ De l'idée à l'innovation	Ruggedized transceiver for wireless sensor networks	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Gagnon, Graham	Dalhousie University	Civil and Resource Engineering	Nova Scotia/ Nouvelle-Écosse	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Biofilm disinfection and control in drinking water processes	
Gagnon, Graham	Dalhousie University	Civil and Resource Engineering	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biofilm disinfection and control in drinking water processes	
Gagnon, Jonathan	Université du Québec à Rimouski	Biologie, Chimie et Géographie	Québec	CANADA	16/05/2008	1	\$125,000	Idea to Innovation/ De l'idée à l'innovation	Formation of a hypocholesterolemizing product based on chitosan	
Gagnon, Patrick	Memorial University of Newfoundland	Ocean Sciences Centre	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The ecology of rocky subtidal ecosystems of Newfoundland and	
Gagnon, Vincent	Université de Montréal	Sciences biologiques	Québec	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Traitement de la boue piscicole par lit de séchage à macrophytes: l'influence des plantes sur les microorganismes responsables de la minéralisation des	
Gailer, Juergen	University of Calgary	Chemistry	Alberta	CANADA	18/04/2008	2	\$76,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular toxicology	
Gallichand, Jacques	Université Laval	Sols & de génie agroalimentaire	Québec	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Estimation of agricultural contaminant fluxes in rivers	
Gallo, Luigi	Saint Mary's University	Astronomy and Physics	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	2	\$39,266	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	the innermost environment of young supermassive black holes	
Gamal El-Din, Mohamed	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Mechanisms of prion destruction by ozonation and advanced oxidation processes (AOPs)	
Gamal El-Din, Mohamed	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanisms of prion destruction by ozonation and advanced oxidation processes (AOPs)	
Gambarotta, Sandro	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	18/04/2008	5	\$460,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Complexes of hemilabile ligands with electron storage capability for molecular activation	
Ganoza, Clelia	University of Toronto	Banting and Best Dept of Medical Research	Ontario	CANADA	18/04/2008	2	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Studies on the mechanisms of protein chain elongation	

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Ganti, Sudhakar	University of Victoria	Computer Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	2	\$38,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Traffic engineering, management and applications in high-speed networks	
Gao, Yang	University of Calgary	Geomatics Engineering	Alberta	CANADA	18/04/2008	5	\$133,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Global differential GNSS positioning and navigation	
Gaonac'h, Hélène	Université du Québec à Montréal	GEOTOP-UQAM- McGILL (Centre recherche géochimie et géodynamique)	Québec	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Invariance d'échelle des phénomènes géologiques	
Gardner, William	University of Guelph	Computing and Information Science	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Formal model-driven synthesis for concurrent systems	
Garrett, Paul	University of Guelph	Physics	Ontario	CANADA	18/04/2008	3	\$470,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	High-precision spectroscopy and exotic nuclear structure	
Garvie, Marcus	University of Guelph	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$65,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computation, analysis and control of biological pattern formation	
Gasevic, Dragan	Athabasca University	Computing & Information Systems, School of	Alberta	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Towards semantic web- enhanced model-driven engineering	
Gaspari, Franco	University of Ontario Institute of Technology	Science, Faculty of	Ontario	CANADA	18/04/2008	5	\$65,420	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Staebler-Wronski effect in tritiated amorphous silicon	
Gates, Byron	Simon Fraser University	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	2	\$74,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nanostructured materials by design	
Gaulin, Bruce	McMaster University	Physics and Astronomy	Ontario	CANADA	18/04/2008	5	\$392,520	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Exotic ground states in new materials	
Gaumont-Guay, David	Malaspina University-College	Biology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Carbon sequestration in managed forest and grassland ecosystems in Western Canada	
Gauthier, Clément	Canadian Council on Animal Care/ Cons. can. protection des animaux	Head Office	Ontario	CANADA	18/04/2008	3	\$2,840,019	Miscellaneous Grants/ Subventions diverses	Achieving Sustainable Good Animal Practice in Science	
Gauthier, Jean-Philippe	Université de Sherbrooke	Génie mécanique	Québec	CANADA	14/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Contôle d'une transmission à rapports continuellement variables	



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Gauthier, Pierre	Université du Québec à Montréal	Sciences de la terre et de l'atmosphère	Québec	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advances in data assimilation to improve the quality of weather and environmental forecasts	
Gauthier, Sylvie	Université Laval	Sciences des aliments et de nutrition	Québec	CANADA	18/04/2008	5	\$130,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Étude des protéines laitières et leurs peptides comme source d'inhibiteurs de protéases	
Gauvin, Raynald	McGill University	Mining, Metals and Materials Engineering	Québec	CANADA	18/04/2008	5	\$163,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of new methods for the characterization of bio and nanomaterials	
Gauvreau, Paul	University of Toronto	Civil Engineering	Ontario	CANADA	18/04/2008	5	\$105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design of Efficient concrete bridge deck slabs	
Gegenberg, Jack	University of New Brunswick	Mathematics and Statistics - Fredericton	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$117,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantum gravity and non-linear sigma models	
Geier, Stephen	University of Toronto	Chemistry	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Rh-poliphoshine and Phophine-Borane	
Gel, Yulia	University of Waterloo	Statistics and Actuarial Science	Ontario	CANADA	18/04/2008	5	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modelling and forecasting time series using autoregressive approximation	
Gergel, Sarah	University of British Columbia	Forest Sciences Centre	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$87,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multi-scale assessment of river-floodplains	
Gerken, Michael	University of Lethbridge	Chemistry and Biochemistry	Alberta	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthesis and Characterization of Transition-Metal Sulfide Fluorides, and Main-Group Fluorides and Oxide Fluorides	
Gervais, Guillaume	McGill University	Physics	Québec	CANADA	18/04/2008	5	\$239,875	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantum matter on-a-chip	
Gervais, Guillaume	McGill University	Physics	Québec	CANADA	18/04/2008	1	\$131,162	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Tools for a nuclear demagnetization refrigerator 'on a chip'	
Gervais, Marc	Université Laval	Sciences géomatiques	Québec	CANADA	18/04/2008	5	\$91,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Exploration du rôle de l'ingénieur en géomatique en évaluation de la qualité de données géospatiales	



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Gévry, Nicolas	Université de Sherbrooke	Biologie	Québec	CANADA	18/04/2008	5	\$170,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of chromatin in cellular differentiation.	
Geyer, Clarence	University of Saskatchewan	Biochemistry	Saskatchewan	CANADA	18/04/2008	2	\$50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Intracellular cyclic reagents for validating protein function	
Ghaderi Dehkordi, Majid	University of Calgary	Computer Science	Alberta	CANADA	18/04/2008	5	\$79,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cross-layer optimization in wireless data networks	
Ghahramani, Melody	University of Winnipeg	Mathematics and Statistics	Manitoba	CANADA	18/04/2008	5	\$50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Inference using estimating functions with applications	
Ghazel, Mohsen	MacDonald, Dettwiler and Associates Ltd	Head Office	British Columbia/ Colombie-Britannique	CANADA	18/06/2008	2	\$60,000	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	Advanced Exploitation of RADARSAT-2	
Ghioca, Dragos	University of Lethbridge	Mathematics and Computer Science	Alberta	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Polarimetric Data via Data Arithmetic geometry and polynomial dynamics	
Ghorashi, Mehrdaad	Carleton University	Mechanical & Aerospace Engineering	Ontario	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Analysis of the Elastic Response of Active Composite Rotating Beams using the Variational Asymptotic Method	
Ghorbani, Reza	University of Manitoba	Electrical and Computer Engineering	Manitoba	CANADA	07/05/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Bipedal walking mechanics, design of assistive devices and	
Ghosh, Raja	McMaster University	Chemical Engineering	Ontario	CANADA	18/04/2008	5	\$155,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bioseparation of therapeutic antibodies using membrane	
Gibson, Daniel	Simon Fraser University	Earth Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$149,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigating the tectonic evolution of the canadian cordillera through structural, metamorphic and multifaceted geochronologic studies	
Giesbrecht, Mark	University of Waterloo	Computer Science, School of	Ontario	CANADA	18/04/2008	5	\$160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sparsity, complexity and practicality in symbolic mathematical computation	
Gilchrist, Jeff	Carleton University	Systems and Computer Engineering	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Clinical Decision Support System using Real-Time Data Analysis for a Neonatal Intensive Care Unit	

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Gill, Christopher	Malaspina University-College	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	2	\$52,000	Discovery Grants Program - Group/ Programme de subventions à la découverte - équipe	New directions and applications of membrane introduction mass spectrometry (MIMS)	
Gilles, Damien	McGill University	Civil Engineering and Applied Mechanics	Québec	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Development of a Period Database for Buildings in Montreal Using Ambient Vibrations	
Gingras, Murray	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	18/04/2008	5	\$190,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ichnological advancements in process sedimentology and reservoir development	
Giraldeau, Luc-Alain	Université du Québec à Montréal	Sciences biologiques	Québec	CANADA	18/04/2008	5	\$275,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Developing a social foraging theory	
Giroux, Jean-François	Université du Québec à Montréal	Sciences biologiques	Québec	CANADA	18/04/2008	5	\$88,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ecology and management of overabundant bird populations	
Glaesser, Uwe	Simon Fraser University	Computing Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$149,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High level design of distributed embedded and mobile systems	
Glass, Leon	McGill University	Physiology	Québec	CANADA	18/04/2008	5	\$294,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Complex and chaotic biological dynamics	
Glavinovic, Mladen	McGill University	Physiology	Québec	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Excitatory synaptic transmission in CNS	
Gleason, James	McGill University	Chemistry	Québec	CANADA	18/04/2008	5	\$285,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Asymmetric synthesis and applications of cycloadditions to complex natural products synthesis	
Glinka, Grzegorz	University of Waterloo	Mechanical Engineering Ontario and Mechatronics	Ontario	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	An unified approach to fatigue damage tolerance in advanced engineering materials and structures	
Gloaguen, Erwan	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Intégration géostatistique de mesures géophysiques et hydrogéologiques en forages pour la caractérisation des aquifères à l'échelle locale	
Gobeil, Charles	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	18/04/2008	5	\$160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Géochimie des éléments traces dans les sédiments lacustres et marins	

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Goda, Katsuichiro	University of Western Ontario	Earth Sciences	Ontario	CANADA	04/06/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Development of quantative seismic risk assessment tools for Canadian sites	
Goddard, John	University of Guelph	Chemistry	Ontario	CANADA	18/04/2008	5	\$265,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational chemistry; predictions of spectra, structures, and reactivity in organic and physical chemistry	
Godfrey, Michael	University of Waterloo	Computer Science, School of	Ontario	CANADA	18/04/2008	5	\$144,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Artifacts in context: making sense of software evolution	
Gohari-Moghadam, Peyman	Concordia University	Electrical and Computer Engineering	Québec	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Decentralized supervisory control of distributed discrete-event systems	
Goheen, Jacob	University of British Columbia	Zoology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Consequences of herbivore extinction for plant population and community dynamics	
Golbeck, Ryan	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Efficient AspectJ support in the Java Virtual	
Goldan, Amir	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Photon-counting readout pixel array for real-time gamma-ray imaging of 103-palladium seed for permanent breast seed implantation brachytherapy	
Goldstein, Michael	University of Toronto	Computer and Mathematical Sciences	Ontario	CANADA	18/04/2008	5	\$130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Anderson localization for dynamically generated and random potentials and applications	
Gomaa, Hassan	University of Western Ontario	Chemical and Biochemical Engineering	Ontario	CANADA	18/04/2008	3	\$60,630	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mass transfer and dispersion enhancement using oscillatory motion and nanofluids	
Goodaire, Edgar	Memorial University of Newfoundland	Mathematics and Statistics	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Problems in loops and nonassociative rings	
Good-Avila, Sara	Acadia University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$180,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Causes and consequences of the gain and loss of self-incompatibility in flowering plants	
Gorbet, Robert	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Control of smart material actuators	





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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Gordon, Grant	University of British Columbia	Psychiatry	British Columbia/ Colombie-Britannique	CANADA	07/05/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Neuronal glial interactions underlie cerebrovasculature control	
Gordon, John	University of Saskatchewan	Veterinary Microbiology	Saskatchewan	CANADA	18/04/2008	1	\$29,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	ELR-CXC chemokine antagonism in neutrophilic inflammation	
Goring, Simon	Simon Fraser University	Biological Sciences	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	A vegetation for British Columbia Using a Modern Pollen Database	
Gorrell, Andrea	University of Northern British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$171,860	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Post-transcriptional gene regulation in archaea	
Gorton, Michael	University of Toronto	Geology	Ontario	CANADA	18/04/2008	5	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Origin of precious and base metal mineralization in Huronian sediments in the Sudbury region	
Gosline, John	University of British Columbia	Zoology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	4	\$340,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular biomechanics of fibrous proteins and related biopolymer systems	
Gosse, John	Dalhousie University	Earth Sciences	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Late cenozoic of the Canadian Arctic archipelago and the southern central Andes	
Gosse, John	Dalhousie University	Earth Sciences	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Northern Research Supplement/ Porgramme de subventions à la découverte - supplément en recherche nordique	Landscape evolution in the Arctic	
Gosse, John	Dalhousie University	Earth Sciences	Nova Scotia/ Nouvelle- Écosse	CANADA	16/05/2008	5	\$227,500	Major Resources Support Program/ Programme d'appui aux ressources majeures	Canadian cosmogenic nuclide exposure dating facility	
Goto, Yukiori	McGill University	Psychiatry	Québec	CANADA	18/04/2008	5	\$114,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Information integration in the prefrontal cortex for mutli-modal functions	
Goulden, Ian	University of Waterloo	Combinatorics and Optimization	Ontario	CANADA	18/04/2008	5	\$145,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algebraic combinatorics with applications in geometry	
Goulet, Catherine	Université du Québec à Montréal	Sciences de la terre et de l'atmosphère	Québec	CANADA	11/06/2008	2	\$30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Transport et ecoulements glaciaires dans le sector de Baker Lake, territoire du Nunavut: implications pour le developpement d'un modele d'explorations minérale dans les regions englacées complexes	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Goussev, Dmitri	Wilfrid Laurier University	Chemistry	Ontario	CANADA	18/04/2008	5	\$230,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Pincer-type ligands, complexes, and catalyst design	
Graham, Kevin	Carleton University	Physics	Ontario	CANADA	16/05/2008	1	\$70,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Search for neutrinoless double beta decay with EXO	
Graham, Kevin	Carleton University	Physics	Ontario	CANADA	18/04/2008	1	\$40,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	DEAP/Clean continued R & D and infrastructure (Applicant: M. Boulay)	
Graham, Matthew Werden	University of California - Berkeley	Chemistry	California/ Californie	UNITED STATES/ ÉTATS-UNIS	07/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Ultrafast two-dimensional electronic spectroscopy of semiconducting carbon nanotubes	
Graham, Sean	University of British Columbia	Land and Food Systems, British Columbia/ Faculty of Colombie-Britannique		CANADA	18/04/2008	5	\$152,675	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Comparative plastid genomics of mycoheterotrophic and autotrophic plants	
Graham, Terence	University of Guelph	Human Health and Nutritional Sciences	Ontario	CANADA	18/04/2008	5	\$238,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of muscle glycogen	
Grahne, Gosta	Concordia University	Computer Science and Software Engineering	Québec	CANADA	18/04/2008	5	\$144,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multifaceted data management on the web	
Grant, Edward	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$385,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Laser spectroscopy of isolated molecules and systems: structure, dynamics and analysis	
Grant, Julie	University of Calgary	Physics and Astronomy	Alberta	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Magnetic Field Structure of Extragalactic Radio	
Grant, Peter	University of Toronto	Aerospace Studies, Institute for	Ontario	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Upset recovery simulation	
Grassberger, Peter	University of Calgary	Physics and Astronomy	Alberta	CANADA	18/04/2008	5	\$147,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Complex systems	
Gratton, Yves	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	18/04/2008	3	\$54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mesoscale physical processes and their impact on biological production	
Gravel, Marie-Ange	Carleton University	Biology	Ontario	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	The energetics of parental care in teleost fish model: the influence of latitude, predator burden and waterbody type	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Gray, Derek	McGill University	Chemistry	Québec	CANADA	18/04/2008	5	\$285,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Novel properties of cellulosic materials	
Gray, Derek	Queen's University	Biology	Ontario	CANADA	14/05/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Internal and external colonization of lakes recovering from acidification: contributions of inter-lake dispersal and the diapausing egg bank	
Gray, Suzanne	Queen's University	Biology	Ontario	CANADA	23/04/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Linking sexual selection and visual ecology in Malwai cichlid fishes	
Grayfer (Beliavski), Leon	University of Alberta	Biological Sciences	Alberta	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Characterization of tthe cytokine-induced macrophage inflammatory responses of the goldfish (Carassius auratus L.)	
Gray-Munro, Joy Elizabeth	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Chemistry and Biochemistry	Ontario	CANADA	18/04/2008	2	\$54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Surface modification of novel medical implant materials	
Grbic, Vojislava	University of Western Ontario	Biology	Ontario	CANADA	18/04/2008	5	\$195,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Axillary meristem development in Arabidopsis	
Greaves, Carolyn	University of British Columbia	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	11/06/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Improved Neck Injury Criteria for Head First Impacts	
Greenberg, Matthew	University of Calgary	Mathematics and Statistics	Alberta	CANADA	16/05/2008	3	\$42,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stark-Heegner points on elliptic curves over number fields	
Greenwood, Celia	University of Toronto	Public Health Sciences	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Identifying useful predictors from genome- wide SNP association	
Greenwood, David	Brandon University	Biology	Manitoba	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ancient forests and climates of the Paleogene of Canada	
Gregoire, Jean-Charles	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunication - Montréal	Québec	CANADA	16/06/2008	2	\$159,600	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	A system to control quality of experience	
Gregory-Eaves, Irene	McGill University	Biology	Québec	CANADA	18/04/2008	5	\$88,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The ecology and paleoecology of shallow lakes	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Grein, Friedrich	University of New Brunswick	Chemistry	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	theoretical studies in photochemistry and spectroscopy	
Grenier, Dominic	Université Laval	Génie électrique et génie informatique	Québec	CANADA	16/06/2008	3	\$307,100	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Caractérisation et modélisation de boues et sonde de réflectométrie pour optimiser l'électro- déshydratation	
Grenon, Martin	Université Laval	Génie des mines, métallurgie et matériaux	Québec	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Conception géomécanique intégrée des mines à ciel ouvert	
Griebel, Philip	University of Saskatchewan	VIDO-Vaccine and Infectious Diseases Organization	Saskatchewan	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Immune regulation by passively acquired integral membrane proteins	
Griffiths, Mansel	University of Guelph	Food Science	Ontario	CANADA	18/04/2008	5	\$625,000	Industrial Research Chairs/ Professeurs- chercheurs industriels	NSERC/Dairy Farmers of Ontario Industrial Research Chair in Dairy	
Grigull, Jorg	York University	Mathematics and Statistics	Ontario	CANADA	18/04/2008	3	\$45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational biology of protein and messenger RNA dynamics	
Grinyer, Geoffrey	Michigan State University	NSCL/Cyclotron Laboratory	Michigan	UNITED STATES/ ÉTATS-UNIS	23/04/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Evolution of Nuclear Structure Towards Exotic Neutron-Rich Nuclei	
Groat, Lee	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sapphire, ruby and pegmatites in Canada and the crystal chemistry of the dumortierite-group	
Grogan, Paul	Queen's University	Biology	Ontario	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The ecology of arctic ecosystems and their sensitivity to climate	
Grogan, Paul	Queen's University	Biology	Ontario	CANADA	18/04/2008	4	\$25,000	Discovery Grants Program - Northern Research Supplement/ Porgramme de subventions à la découverte - supplément en recherche nordique	Supplement to support a latitudinal study of northern soil microbial communities and their sensitivities to climate	
Grosvenor, Andrew	McMaster University	Chemistry	Ontario	CANADA	07/05/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	X-ray sepectroscopy of transition-metal oxides	
Grygorczyk, Ryszard	Université de Montréal	Médecine	Québec	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Group/ Programme de subventions à la découverte - équipe	Cell volume regulation - the search for a volume sensor	
Gryz, Jaroslaw	York University	Computer Science and Engineering	Ontario	CANADA	18/04/2008	5	\$154,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cooperative query answering	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Gu, Peihua	University of Calgary	Mechanical and Manufacturing Engineering	Alberta	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Adaptable design method and evaluation	
Guan, Leluo	University of Alberta	Agricultural, Food and Nutritional Science	Alberta	CANADA	18/04/2008	5	\$116,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Characterization of methanogens and their key genes associated with methane production in beef cattle: linkage to host performance	
Guéguen, Céline	Trent University	Chemistry	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dissolved organic matter characterization and metal speciation in boreal	
Gurgachi, Aziz	Ryerson University	Information and Technology Management, School of (ITM)	Ontario	CANADA	18/04/2008	5	\$107,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Knowledge engineering principles for the effective management of complex systems	
Guevara, Jennifer	University of British Columbia	Zoology	British Columbia/ Colombie-Britannique	CANADA	14/05/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Resource partitioning and sociality in spiders of the genus Anelosimus	
Guillemette, Magella	Université du Québec à Rimouski	Biologie, Chimie et Géographie	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Behavioural and physiological monitoring of sea ducks over the annual cycle	
Gulliver, Aaron	University of Victoria	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$224,140	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Wireless multimedia communications	
Gunupudi, Pavan	Carleton University	Electronics	Ontario	CANADA	18/04/2008	3	\$45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Addressing simulation of electrical and optoelectronic circuits considering	
Guo, Huiqing	University of Saskatchewan	Agricultural and Bioresource Engineering	Saskatchewan	CANADA	18/04/2008	3	\$54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Setting odour impact index and developing a setback distance model for livestock farms	
Guo, Jian	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	14/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Copper nutrition and acquisition mechanisms by marine phytoplankton	
Guo, Ning	École Polytechnique de Montréal	Génie physique	Québec	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Fabrication of Polymer microstructured fiber for sensing and communication	
Gupta, Arvind	Mathematics of Information Technology and Complex Systems	Head Office	British Columbia/ Colombie-Britannique	CANADA	28/05/2008	2	\$8,640,000	Industrial R&D Internships/ Programme de stages en R-D industrielle	ACCELERATE Canada - Canada's Graduate Research Internship	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Gurska, Jolanta	University of Waterloo	Biology	Ontario	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Physiological and molecular changes in plants inoculated with plant growth promoting rhizobacteria under persistent hydrocarbon	
Guttman, Julian Andrew	Simon Fraser University	Biological Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Identification of novel molecular components at the cell periphery: taking advantage of EPEC pedestals	
Haarslev, Volker	Concordia University	Computer Science and Software Engineering	Québec	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Scalable description logic reasoning architectures for the semantic web	
Haas, Christian	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	In-situ measurements and satellite remote sensing of the sea ice mass balance	
Haas, Christian	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Northern Research Supplement/ Programme de subventions à la découverte - supplément en recherche nordique	In-situ measurements and satellite remote sensing of the sea ice mass balance	
Haas, Ralph	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	18/04/2008	5	\$245,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Management systems and technical foundations for civil infrastructure assets	
Haas, Tara	York University	Kinesiology and Health Science, School of	Ontario	CANADA	18/04/2008	5	\$200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of matrix metalloproteinases in angiogenesis	
Habib, Ayman	University of Calgary	Geomatics Engineering	Alberta	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integration of multi-sensory data for realistic reconstruction of 3D environments	
Haboudane, Driss	Université du Québec à Chicoutimi	Sciences humaines	Québec	CANADA	18/04/2008	5	\$99,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spectroscopie et télédétection très haute résolution spatiale pour l'agriculture de précision et l'agroenvironnement	
Hackett, Jonathan	University of Waterloo	Physics and Astronomy	Ontario	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Topographical matter in braided ribbon networks	
Haelssig, Jan	University of Ottawa/ Université d'Ottawa	Chemical and Biological Engineering	Ontario	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Efficient In situ Ethanol Recovery during Fermentation	





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Hairabedian, Melissa	University of Alberta	Biological Sciences	Alberta	CANADA	11/06/2008	2	\$25,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Impacts of Clear-cutting and vegetation succession on the groundwater linkages in upland-riparian- peatland complexes in the boreal plain of north central Alberta, Canada	
Hakami, Amir	Carleton University	Civil and Environmental Engineering	Ontario	CANADA	18/04/2008	5	\$95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development and application of an adjoint version for a multi-phase air quality model	
Hale, Beverley	University of Guelph	Land Resource Science	Ontario	CANADA	18/04/2008	5	\$150,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Soils and plants control phytoaccumulation of Cd	
Hall, Joseph	University of New Brunswick	Mechanical Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$109,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Controlling the development of the turbulent three-dimensional	
Hall, Kevin	Queen's University	Civil Engineering	Ontario	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of a model to assess coastal wetland stability	
Hall, Richard	Concordia University	Mathematics and Statistics	Québec	CANADA	18/04/2008	5	\$106,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geometric spectral analysis	
Hall, Robert	University of British Columbia	Mining Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modelling and simulation of the influence of operational parameters on oilsands processing plant equipment reliability	
Hall, Trevor	University of Ottawa/ Université d'Ottawa	Engineering, Faculty of	Ontario	CANADA	18/04/2008	5	\$219,270	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ubiquitous and embedded photonic networks	
Hallett, Darcy	Memorial University of Newfoundland	Psychology (St. John's)	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Conceptual and procedural knowledge in mathematical cognition	
Hallett, Rebecca	University of Guelph	Environmental Biology	Ontario	CANADA	18/04/2008	2	\$30,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The ecology of alien insect herbivores	
Hallin, Aksel	University of Alberta	Physics	Alberta	CANADA	16/05/2008	1	\$254,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	SNO+ (Applicant: M. Chen)	
Hallin, Aksel	University of Alberta	Physics	Alberta	CANADA	18/04/2008	1	\$100,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	Sudbury Neutrino Observatory - Queen's (Applicant: A. McDonald)	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Hallin, Aksel	University of Alberta	Physics	Alberta	CANADA	18/04/2008	1	\$131,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	DEAP/Clean continued R & D and infrastructure (Applicant: M. Boulay)	
Hamed, Mohamed	McMaster University	Mechanical Engineering	Ontario	CANADA	18/04/2008	3	\$54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analysis of boiling phenomena associated with liquid jet impingement heat transfer	
Hammond, Geoffrey	University of British Columbia	Obstetrics and Gynecology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$165,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	salmonid sex hormone- binding globulin genes	
Hamoudi, Safia	Université Laval	Sols & de génie agroalimentaire	Québec	CANADA	18/04/2008	5	\$105,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multifunctional mesostructured adsorbents for agricultural wastewater treatment	
Han, Chung-hye	Simon Fraser University	Linguistics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational semantics for natural language using synchronous formal grammars	
Hanan, Garry	Université de Montréal	Chimie	Québec	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	New coordination complexex for solar energy conversion	
Hanan, Garry	Université de Montréal	Chimie	Québec	CANADA	18/04/2008	5	\$280,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New coordination complexex for solar energy conversion	
Hanchar, John	Memorial University of Newfoundland	Earth Sciences	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	1	\$150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Acquisition of an X-ray powder diffraction system	
Hangs, Ryan	University of Saskatchewan	Soil Science	Saskatchewan	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Establishment and Biogeochemistry of Short- Rotation Willow Plantations in	
Hannington, Mark	University of Ottawa/ Université d'Ottawa	Earth Sciences	Ontario	CANADA	18/04/2008	5	\$240,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Metallogeny of modern and ancient oceans	
Hansen, Carl	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	2	\$74,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Two-Phase microfluidic systems	
Harden, Nicholas	Simon Fraser University	Molecular Biology and Biochemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$245,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Characterization of pak kinase function in drosophila oogenesis	
Hardy, Daniel	University of Western Ontario	Obstetrics and Gynecology	Ontario	CANADA	18/04/2008	3	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of nuclear receptors in fetal programming	

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Hare, Warren	Simon Fraser University	Mathematics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mathematical modelling and optimization in healthcare	
Harney, Allison	Northwestern University	Biochemistry, Molecular Biology and Cell Biology	Illinois	UNITED STATES/ ÉTATS-UNIS	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Inhibition of breast cancer metastasis using targeted transition metal complexes	
Harris, William	McMaster University	Physics and Astronomy	Ontario	CANADA	18/04/2008	5	\$343,580	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Galaxy formation and the oldest stellar systems	
Harrison, Jed	University of Alberta	Chemistry	Alberta	CANADA	18/04/2008	5	\$425,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Microfluidic systems and nanoporous devices	
Harroun, Thad	Brock University	Physics	Ontario	CANADA	18/04/2008	5	\$160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Antimicrobial peptides and lipopolysaccharide model membranes	
Hartinger, Alzbeta Elizabeth	École Polytechnique de Montréal	Génie électrique	Québec	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Détection du cancer de la peau par tomographie d'impédance électrique multifréquence	
Hartley, Ian	University of Northern British Columbia	Forestry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$120,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Acoustic properties of submerged wood	
Harvel, Glenn	University of Ontario Institute of Technology	Energy Systems & Nuclear Science, Faculty of	Ontario	CANADA	18/04/2008	5	\$93,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ageing induced two-phase flow phenomena and high speed multidimensional thermalhydraulics diagnostics	
Harvey, Pierre	Université de Sherbrooke	Chimie	Québec	CANADA	18/04/2008	5	\$400,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Polymères et assemblages organométalliques vers les matériaux photoniques et a biomimique.	
Harynuk, James	University of Alberta	Chemistry	Alberta	CANADA	18/04/2008	3	\$91,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The next dimensions in separations science: Advancing multidimensional gas- phased separation sciences	
Hasan, Mainul	McGill University	Mining, Metals and Materials Engineering	Québec	CANADA	18/04/2008	5	\$110,700	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Transport phenomena in microelectronics & metals processing	
Hashisho, Zaher	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integration of microwave energy and novel adsorbents for environmentally sustainable air pollution	



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Hashtrudi-Zaad, Keyvan	Queen's University	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Contol systems design for stable transparent teleoperation	
Hasinoff, Michael	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	16/05/2008	3	\$320,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	Search for non standard model physics using the T-violating transverse muon polarization in kaon decay	
Hasler, Caleb	Carleton University	Biology	Ontario	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Linking energetics, physiology, behaviour, and fate in fish to hydropower infrastructure and operating strategies	
Hastie, Donald	York University	Chemistry	Ontario	CANADA	18/04/2008	3	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Characterization of atmospheric particulate matter	
Hastings, Kenneth	McGill University	Neurology and Neurosurgery	Québec	CANADA	18/04/2008	5	\$155,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolution and function of mRNA 5'spliced leader (SL) trans-splicing	
Hatzikiriakos, Savvas	University of British Columbia	Chemical and Biological Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$154,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Rheology and processing of biopolymers and their composites	
Hauf, Petra	St. Francis Xavier University	Psychology	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$79,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Perceptual and motor development	
Hausner, Martina	Ryerson University	Chemistry and Biology	Ontario	CANADA	24/06/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Plasmid transfer in biofilms: integrating fundamental and applied	
Hawboldt, Kelly Anne	Memorial University of Newfoundland	Engineering and Applied Science, Faculty of	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	16/06/2008	3	\$170,500	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Thisalts in mining and metals processing	
Hawkes, Robert	Mount Allison University	Physics	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$117,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrated laboratory and electro-optical observational meteor	
Hawkey, Kirstie	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	07/05/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	using Personal Computers for Collaborative Work: A Visual Privacy Management System for	
Hawkins, Barbara	University of Victoria	Biology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$130,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Uptake dynamics of inorganic and organic nitrogen in forest plants	
Hawkins, Nancy	Simon Fraser University	Molecular Biology and Biochemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$190,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of asymmetric neuroblast division in C. elegans	



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Hay, Allan	McGill University	Chemistry	Québec	CANADA	18/04/2008	2	\$54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New high performance polymers via N-C coupling reactions	
Hayden, Patrick	McGill University	Computer Science, School of	Québec	CANADA	18/04/2008	5	\$152,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantum information: from insight to application	
Hayes, Robert	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	18/04/2008	5	\$129,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Studies of catalytic combusion	
Hayley, Shawn	Carleton University	Psychology	Ontario	CANADA	18/04/2008	5	\$129,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neuroinflammatory pathways of cytokines and stressors	
Haynes, Ronald	Acadia University	Mathematics and Statistics	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Implementation and analysis of adaptive algorithms for the numerical solution of	
He, Fangliang	University of Alberta	Renewable Resources	Alberta	CANADA	18/04/2008	5	\$147,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modeling biodiversity patterns from tropical, temperate and boreal	
He, Wenqing	University of Western Ontario	Statistical and Actuarial Sciences	Ontario	CANADA	18/04/2008	5	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analysis of multivariate survival data and microarray data	
Head, Milena	McMaster University	Business, DeGroote School of	Ontario	CANADA	18/04/2008	5	\$93,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evaluation and design of interfaces for online social networks	
Heaman, Larry	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	18/04/2008	5	\$365,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Precambrian earth evolution	
Heard, Stephen	University of New Brunswick	Biology (Fredericton)	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$118,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolutionary community ecology: how ecology shapes diversification and diversification shapes ecology	
Heck, Richard	University of Guelph	Land Resource Science	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantifying the micromorphology of canadian soils using X-ray microCT	
Hecnar, Stephen	Lakehead University	Biology	Ontario	CANADA	18/04/2008	3	\$45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Species richness and spatial dynamics in amphibians	

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Hedhli, Makram	Université du Québec à Montréal	Sciences de la terre et de l'atmosphère	Québec	CANADA	14/05/2008	2	\$30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Atténuation naturelle accélérée par phytorestauration des sédiments contaminés par des métaux lourds et des HAP	
Heeley, David	Memorial University of Newfoundland	Biochemistry	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	18/04/2008	5	\$120,305	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure and function of slow skeletal muscle actin	
Hefeeda, Mohamed	Simon Fraser University	Computing Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$111,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Scalable multimedia communication for heterogeneous clients	
Hehner, Eric	University of Toronto	Computer Science	Ontario	CANADA	18/04/2008	5	\$130,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Formal methods of programming	
Heimpel, Moritz	University of Alberta	Physics	Alberta	CANADA	18/04/2008	5	\$112,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamics of earth and planetary interiors	
Heinrich, Bretislav	Simon Fraser University	Physics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$183,177	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spin dynamics in magnetic nanostructures	
Helbing, Caren	University of Victoria	Biochemistry and Microbiology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$257,795	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cellular mechanisms of amphibian metamorphosis	
Held, Mark	University of Western Ontario	Biology	Ontario	CANADA	14/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The role of Lotus histidine kinsae receptor 2 (Ljk2) in colonization of L. japonicus roots by	
Helmstaedt, Herwart	Queen's University	Geological Sciences and Geological Engineering	Ontario	CANADA	18/04/2008	3	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Tectonic studies, upper mantle studies, tectonic settings of diamond deposits	
Hember, Robbie	University of British Columbia	Forest Resources Management	British Columbia/ Colombie-Britannique	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Climate-induced variability of forest productivity in coastal British Columbia	
Hemmings, Denise	University of Alberta	Obstetrics and Gynecology	Alberta	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of uterine adaptation to pregnancy by sphingosine 1-phosphate, a bioactive phospholipid	
Henda, Redhouane	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Engineering, School of	Ontario	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Thin film coatings for energy intensive applications	



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Henderson, Eric	University of Alberta	Chemistry	Alberta	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Synthesis, Optical, and Electronic properties of size-controlled group IV semiconductor	
Henderson, Grant	University of Toronto	Geology	Ontario	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spectroscopic studies of geological glasses and melts	
Henein, Hani	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	18/04/2008	5	\$1,364,500	Major Resources Support Program/ Programme d'appui aux ressources majeures	Resource for the Innovation of Engineering Materials	
Henzi, Peter	University of Lethbridge	Psychology and Neuroscience	Alberta	CANADA	18/04/2008	5	\$108,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The behavioural ecology of primate cognition	
Herd, Christopher	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	18/04/2008	5	\$130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The geology of Mars from studies of martian meteorites	
Herd, Christopher	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	18/04/2008	1	\$115,458	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Subzero facility for processing and analysis of pristine planetary samples	
Herzog, Walter	University of Calgary	Kinesiology, Faculty of	Alberta	CANADA	18/04/2008	5	\$300,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Force-sharing among synergistic muscles and mechanical properties of skeletal muscles	
Hesp, Kevin	Dalhousie University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	14/05/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	New ligand design and coordination chemistry directed towards asymmetrical hydrogenation of	
Hesp, Simon	Queen's University	Chemistry	Ontario	CANADA	18/04/2008	5	\$122,700	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Innovative materials and test methods for long-life asphalt pavements	
Hessels, Eric	York University	Physics and Astronomy	Ontario	CANADA	18/04/2008	5	\$424,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Precision studies of simple atomic systems	
Hétu, Bernard	Université du Québec à Rimouski	Sciences humaines	Québec	CANADA	18/04/2008	5	\$99,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Variabilité climatique, dynamique des versants et géorisques en moyenne montagne	
Heuzey, Marie-Claude	École Polytechnique de Montréal	Génie chimique	Québec	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced chitosan-based materials: synthesis, properties, processing and applications	



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Heyland, Andreas	University of Guelph	Integrative Biology	Ontario	CANADA	16/05/2008	5	\$136,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Iodine & tyroid hormone signaling in echinoid larvae	
Heyne, Belinda	University of Calgary	Chemistry	Alberta	CANADA	18/04/2008	3	\$96,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Use of fluorescent proteins as new photosensitizers in order to have a better control of singlet oxygen generation at specific subcellular location	
Heys, Howard	Memorial University of Newfoundland	Electrical and Computer Engineering	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	5	\$121,815	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hardware design of symmetric-key cryptographic algorithms resistant to side-channel cryptanalysis	
Hickey, Donal	Concordia University	Biology	Québec	CANADA	18/04/2008	5	\$260,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Genome dynamics	
Hickey, Glenn	Carleton University	Computer Science, School of	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Computing Phylogenetic Diversity	
Hickey, Kenneth	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hydrothermal fluid flow: primary and secondary processes controlling distribution of ore	
Hickey, Owen	University of Ottawa/ Université d'Ottawa	Physics	Ontario	CANADA	14/05/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Molecular Dynamics simulations of modulation of electroosmotic flow using adsorbed polymer	
Hicks, Faye	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Dynamics of river ice jams	
Hicks, Faye	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	18/04/2008	5	\$190,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamics of river ice jams	
Hicks, Faye	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	18/04/2008	5	\$57,200	Discovery Grants Program - Northern Research Supplement/ Programme de subventions à la découverte - supplément en recherche nordique	Ice jam dynamics and flood forecasting - Hay River, NWT	
Higgins, Melanie	University of Victoria	Biochemistry and Microbiology	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Fucose utilization in streptococcus pneumoniae	
Higgs, Dennis	University of Windsor	Biological Sciences	Ontario	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multisensory integration in teleost fishes	

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Hildebrand, Eric	University of New Brunswick	Civil Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Road safety and travel needs for the rural elderly	
Hill, Reghan	McGill University	Chemical Engineering	Québec	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Soft matter: complex transport processes and micro-mechanics	
Hill, Robert	University of Waterloo	Physics and Astronomy	Ontario	CANADA	18/04/2008	5	\$174,455	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Understanding quantum behaviour in exotic materials	
Hillier, Kirk	Acadia University	Biology	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$118,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Comparative physiology and morphology of the moth olfactory pathway	
Hilliker, Arthur	York University	Biology	Ontario	CANADA	18/04/2008	5	\$235,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Genetic studies in Drosophila	
Hintelmann, Holger	Trent University	Chemistry	Ontario	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fractionation of mercury isotopes in the environment	
Hintz, William	University of Victoria	Biology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$180,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biological control of ophiostoma novo-ulmi, the causal agent of Dutch elm disease	
Hipel, Keith	University of Waterloo	Systems Design Engineering	Ontario	CANADA	18/04/2008	5	\$250,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Systems engineering approaches to sustainable environmental	
Hoang, Chinh Trong	Wilfrid Laurier University	Physics and Computer Science	Ontario	CANADA	18/04/2008	5	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algorithmic graph theory	
Hocking, Wayne	University of Western Ontario	Physics and Astronomy	Ontario	CANADA	18/04/2008	5	\$343,580	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Global middle atmosphere dynamics using meteor and VHF radar networks	
Hodgson, Murray	University of British Columbia	Environmental Health, School of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$138,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Prediction and control of sound fields in workrooms and "green" buildings	
Hodson, Peter	Queen's University	Biology	Ontario	CANADA	18/04/2008	5	\$205,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chemical metabolism and toxicity to early life stages of fish	
Hoeber, Orland	Memorial University of Newfoundland	Computer Science	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Intelligent interfaces for next-generation web search	
Hoemann, Caroline	École Polytechnique de Montréal	Génie chimique	Québec	CANADA	18/04/2008	1	\$25,020	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Serum factors that mediate cell internalization of biomaterial scaffolds	

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Hoffman, Kari	York University	Psychology - (Arts)	Ontario	CANADA	18/04/2008	5	\$149,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The role of sleep oscillations in temporal lobe organization	
Hoffman, Kelsey	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Metallurgy of Neutron Stars	
Hoffman-Goetz, Laurie	University of Waterloo	Health Studies and Gerontology	Ontario	CANADA	18/04/2008	5	\$225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Immune mechanisms in physical activity and cancer	
Hohlweg, Christophe	Université du Québec à Montréal	Mathématiques	Québec	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Combinatorics of coxeter groups and relations with their relative structures	
Holahan, Matthew	Carleton University	Psychology	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structural and functional plasticity in hippocampal networks during spatial information processing	
Holder, Gilbert	McGill University	Physics	Québec	CANADA	18/04/2008	5	\$186,515	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cosmic microwave background anisotropies and large scale structure	
Holdom, Bob	University of Toronto	Physics	Ontario	CANADA	18/04/2008	5	\$285,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Origin of mass scales and hierarchies	
Holloway, David	British Columbia Institute of Technology	Mathematics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$65,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chemical kinetics and mechanics in the generation of biological	
Holmden, Christopher	University of Saskatchewan	Geological Sciences	Saskatchewan	CANADA	18/04/2008	5	\$200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multi-isotope investigation of paleozoic climate an environment: a new approach using redox sensitive stable isotope tracers	
Holmes, Christina	McGill University	Biomedical Engineering	Québec	CANADA	14/05/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Layer-by-layer deposition onto three-dimensional tissue engineering scaffolds for the tailored delivery of bioactive molecules	
Holroyd, Alexander	University of British Columbia	Mathematics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$113,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Random discrete structures	
Holtby, Daniel	University of Waterloo	Computer Science, School of	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Computational complexity in bioinformatics	
Hombach-Klonisch, Sabine	University of Manitoba	Human Anatomy & Cell Science	Manitoba	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biological impact of xenobiotics in the female reproductive tract	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Hoover, James	University of Alberta	Computing Science	Alberta	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Lightweight formal methods in agile software development	
Hopkinson, John	Brandon University	Physics and Astronomy	Manitoba	CANADA	18/04/2008	5	\$78,505	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The interplay between quantum magnetism and strong correlation in geometrically frustrated materials	
Hoppe, Fred	McMaster University	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Studies in branching, population genetics, probability bounds, and prediction in nuclear safety analysis	
Horsman, Geoffrey	Wisconsin Department of Natural Resources	Head Office	Wisconsin	UNITED STATES/	07/05/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Enzymology of natural product biosynthesis	
Horvat, Miljana	Ryerson University	Architectural Science	Ontario	CANADA	18/04/2008	5	\$91,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The effects of local microclimatic conditions of highly urban environment on hygrothermal performance of building envelopes	
Hosein, Ian	Cornell University	Materials Science & Eng.	New York	UNITED STATES/ ÉTATS-UNIS	07/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Self-Assembly of Non- spherical Mesoscale Colloids	
Houde, Martin	University of Western Ontario	Physics and Astronomy	Ontario	CANADA	18/04/2008	3	\$79,515	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Magnetic field and polarization studies in turbulent molecular Clouds	
Howard, Ian	York University	Psychology - (Arts)	Ontario	CANADA	18/04/2008	3	\$98,808	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interactions between cues to motion in depth	
Howe, LeAnn	University of British Columbia	Biochemistry and Molecular Biology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$165,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The function of YEATS domain proteins in S. cerevisiae	
Howlader, Matiar	McMaster University	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Miniaturized bio-micro- optoElectroMechanical systems (Bio-MOEMS) using a novel nano- bonding technology	
Howland, John	University of Saskatchewan	Psychology	Saskatchewan	CANADA	16/05/2008	5	\$124,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Acute stress effects on cognition and synaptic plasticity	
Hoyer, Peter	University of Calgary	Computer Science	Alberta	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantum algorithmics	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Hoyt, Jeffrey	McMaster University	Materials Science and Engineering	Ontario	CANADA	18/04/2008	4	\$111,640	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular dynamics simulations of the thermodynamic and kinetic properties of crystal-melt interfaces	
Hsiang, Tom	University of Guelph	Environmental Biology	Ontario	CANADA	16/06/2008	3	\$90,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Development of a plant-based organic control of snow molds	
Hu, Yaoping	University of Calgary	Electrical and Computer Engineering	Alberta	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	VR-planSys: towards a viable 3D surgical planning system for treating lung cancer	
Huang, Minyi	Carleton University	Mathematics and Statistics, School of	Ontario	CANADA	18/04/2008	5	\$151,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Control and estimation for distributed stochastic systems	
Huang, Pan	University of Saskatchewan	Soil Science	Saskatchewan	CANADA	18/04/2008	5	\$235,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Solution and surface chemistry and mineralogy of soils and sediments	
Huang, Xiang	Northwestern University	Electrical Engineering & Computer Science	Illinois	UNITED STATES/	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Rich Digital Archives for Museum Collections	
Hubbard, Stephen	University of Calgary	Geoscience	Alberta	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Paleogeographic reconstruction of an evolving foreland basin: developing a high-resolution perspective of the initial uplift of the Canadian rocky mountains	
Huck, Peter	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	16/05/2008	5	\$1,300,000	Industrial Research Chairs/ Professeurs-chercheurs industriels	NSERC Industrial Research Chair in Addressing priorities for improving drinking water quality and safety	
Hudgins, Bernard	University of New Brunswick	Electrical and Computer Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Myoelectric signal processing and applications to rehabilitation	
Hudgins, Robert	University of Waterloo	Chemical Engineering	Ontario	CANADA	18/04/2008	3	\$72,180	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Studies of catalytic reactors	
Hudlicky, Tomas	Brock University	Chemistry	Ontario	CANADA	18/04/2008	5	\$415,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Program in chemoenzymatic asymmetric synthesis: amaryllidaceae and morphine alkaloids, chiral synthons, and new reagents	





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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Huebner, Erwin	University of Manitoba	Biological Sciences	Manitoba	CANADA	18/04/2008	2	\$64,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Female germ cell development and differentiation	
Hugenholtz, Christopher	University of Lethbridge	Geography	Alberta	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Aeolian sand transport and mobility of supply-limited inland dunes in the semi- arid northern great plains of Canada	
Humphreys, Elyn	Carleton University	Geography and Environmental Studies	Ontario	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Carbon exchange processes in arctic and subarctic ecosystems	
Humphries, Antony	McGill University	Mathematics and Statistics	Québec	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analysis and computation of state-dependant retarded & advanced-retarded differential boundry value problems	
Humphries, Murray	McGill University	Natural Resource Sciences	Québec	CANADA	18/04/2008	5	\$172,375	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Metabolic ecology in time and space	
Humphries, Thomas	Simon Fraser University	Mathematics	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Fully 4-D Dynamic SPECT reconstruction	
Hung, Patrick	University of Ontario Institute of Technology	Business and Information Technology, Faculty of	Ontario	CANADA	18/04/2008	2	\$30,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	M-services computing security and privacy enforcement model with negotiation support	
Hunter, Aren	Carleton University	Psychology	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	An Analysis of Eye- tracking Data and Spatial Abilities in Static and Dynamic Information	
Hunter, Judith	University of Toronto	Physical Therapy	Ontario	CANADA	16/05/2008	3	\$148,192	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Novel tool to evaluate integrative somatosensory processing in people with central neuropathic pain after spinal cord injury□ spinal cord injury	
Hurta, Robert	University of Prince Edward Island	Biology	Prince Edward Island/ Île-du-Prince-Édouard	CANADA	18/04/2008	2	\$40,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Antizyme: expression and regulation in cellular transformation	
Husein, Maen	University of Calgary	Chemical and Petroleum Engineering	Alberta	CANADA	18/04/2008	5	\$115,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	In-situ preparation of high concentration of ultradispersed nanocatalysts for in-situ heavy oil hydrocracking	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Hussey, Glenn	University of Saskatchewan	Physics and Engineering Physics	Saskatchewan	CANADA	18/04/2008	3	\$70,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Radar investigations of the auroral and polar cap ionosphere	
Hutcheon, Ian	University of Calgary	Geoscience	Alberta	CANADA	18/04/2008	5	\$130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Carbon dioxide storage due to mineral reactions	
Hutchings, Jeffrey	Dalhousie University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Evolutionary ecology and conservation biology of fishes	
Hutchings, Jeffrey	Dalhousie University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$285,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolutionary ecology and conservation biology of fishes	
Hutchings, Jeffrey	Dalhousie University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Northern Research Supplement/ Programme de subventions à la découverte - supplément en recherche nordique	Ecology of peripheral fish populations at their northern extremes	
Hutchings, Jeffrey	Dalhousie University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$546,000	Major Resources Support Program/ Programme d'appui aux ressources majeures	Major resources support for the aquatron laboratory	
Hwang, Heungsun	McGill University	Psychology	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Extensions of generalized structured component analysis and regularized fuzzy clusterwise generalizations of statistical methods	
Ianoul, Anatoli	Carleton University	Chemistry	Ontario	CANADA	18/04/2008	2	\$54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Antimicrobial peptides: molecular mechanisms of action	
Iftimie, Radu	Université de Montréal	Chimie	Québec	CANADA	18/04/2008	2	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational investigations of proton translocation mechanisms	
Igamberdiev, Abir	Memorial University of Newfoundland	Biology	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	18/04/2008	5	\$180,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mitochondrial regulation of nitrogen metabolism under hypoxic conditions	
Ikeda, Yuko	University of Alberta	Agricultural, Food and Nutritional Science	Alberta	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Nano-membrane bioreactor conversion of agricultural wastes to value-added materials.	
Ilyas, Ihab	University of Waterloo	Computer Science, School of	Ontario	CANADA	18/04/2008	2	\$50,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Effective retrieval and cleaning for probabilistic databases	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Imai, Takashi	McMaster University	Physics and Astronomy	Ontario	CANADA	18/04/2008	5	\$314,015	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Microscopic research into quantum materials under extreme conditions in McMaster low temperature high field laboratory	
Indares, Aphrodite	Memorial University of Newfoundland	Earth Sciences	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	5	\$190,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Metamorphic and tectonic evolution of core zones in large orogens	
Ingram, Travis	University of British Columbia	Zoology	British Columbia/ Colombie-Britannique	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Evolution of Trophic Niche and Food Web Structure	
Ioannidis, Marios	University of Waterloo	Chemical Engineering	Ontario	CANADA	18/04/2008	5	\$127,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	NMR applications to multiphase flow in porous media: macroscopic behavior from pore-scale processes	
Irani, Pourang	University of Manitoba	Computer Science	Manitoba	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Navigation interfaces	
Irani, Pourang	University of Manitoba	Computer Science	Manitoba	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Navigation interfaces	
Isaac, Marney	Institut National de la Recherche Agronomique	Head Office		FRANCE	04/06/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Productivity and sustainability in tropical agroforestry systems: growth and competition of nutrient-loading cocoa seedlings	
Islam, Md Aminul	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Semantic Similarity of Texts using Web Search Engine	
Islam, Md Rashedul	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	A Numerical study on selective withdrawal using a temperature control	
Islam, Rafiqul	Dalhousie University	Engineering, Faculty of	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$129,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Comprehensive experimental and numerical modeling of	
Isleifson, Dustin	University of Manitoba	Electrical and Computer Engineering	Manitoba	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Modeling Electromagnetic Scattering for the Remote Sensing of Sea Ice	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Ismail, Basel	Lakehead University	Mechanical Engineering	Ontario	CANADA	18/04/2008	4	\$84,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Membrane gas separation technology for carbon dioxide removal from flue gases for industrial greenhouse gas emissions control	
Ito, Mabo	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$116,945	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Towards improving internet performance	
Ivanov, Mikhail (Misha)	University of Waterloo	Physics and Astronomy	Ontario	CANADA	18/04/2008	5	\$143,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Strong-field imaging of attosecond electron dynamics in atoms and molecules	
Ivey, Douglas	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	18/04/2008	5	\$173,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Electrodeposition and characterization of thin and thick alloy films	
Iwama, George	Carleton University	Biology	Ontario	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hormesis in fish; role of heat shock proteins and applications	
Izadbakhsh, Adel	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Modelling of deformation twinning in magnesium	
Jabaji-Hare, Suha	McGill University	Plant Science	Québec	CANADA	18/04/2008	5	\$185,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular mechanisms of fungal mycoparasitism	
Jackel, Brian	University of Calgary	Physics and Astronomy	Alberta	CANADA	18/04/2008	3	\$58,899	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Large-scale auroral morphology and dynamics	
Jackson, Jennifer	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	14/05/2008	2	\$49,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Optical oceanography of the western Arctic Ocean: joint roles of physical and biological processes on turbidity and flourometry	
Jackson, Leland	University of Calgary	Biological Sciences	Alberta	CANADA	18/04/2008	5	\$105,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Submerged aquatic macrophytes and regime shifts in shallow lakes	
Jacobsen, Hans-Arno	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	The foundation for event management systems	
Jacobsen, Hans-Arno	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The foundation for event management systems	



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Jäeger, Wolfgang	University of Alberta	Chemistry	Alberta	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	spectroscopic and computational studies of intermolecular interactions	
Jäeger, Wolfgang	University of Alberta	Chemistry	Alberta	CANADA	18/04/2008	5	\$580,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	spectroscopic and computational studies of intermolecular interactions	
Jäeger, Wolfgang	University of Alberta	Chemistry	Alberta	CANADA	18/04/2008	1	\$142,396	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	A chirped pulse fourier transform microwave spectrometer	
Jaekel, Arunita	University of Windsor	Computer Science, School of	Ontario	CANADA	18/04/2008	5	\$121,815	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New strategies for designing survivable WDM networks	
Jaimungal, Sebastian	University of Toronto	Statistics	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Derivative valuation in incomplete markets: from commodities to equity-linked insurance	
Jalbert, Annie	Memorial University of Newfoundland	Psychology (St. John's)	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Visual similarity as the all-purpose memory tool: finding new dimensions to SIMPLE	
Jalilehvand, Farideh	University of Calgary	Chemistry	Alberta	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	XAFS studies on metal complexes of small biological molecules	
James, David	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	18/04/2008	5	\$143,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Flow of complex fluids	
Jamieson, Gregory	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Human factors in sustainable energy consumption	
Jamieson, John	University of Ottawa/ Université d'Ottawa	Earth Sciences	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Global Assessment and Modelling of Submarine Hydrothermal Fluxes and Seafloor Mineralization	
Jamieson, Randall	University of Manitoba	Psychology	Manitoba	CANADA	18/04/2008	5	\$84,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A unified account of learning, memory, and categorization	
Jankhah, Sepideh	University of British Columbia	Civil Engineering	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Assessment and Optimization of Drinking Water Treatment for Small and Rural Canadian Municipalities	
Jankowski, Ernest	University of Toronto	Physics	Ontario	CANADA	16/04/2008	3	\$100,000	Postdoctoral Fellowships/ Bourses postdoctorales	Jet Reconstruction in ATLAS Detector	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Janse van Rensburg, Esaias	York University	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$112,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The statistical mechanics of lattice paths and lattice walk models of polymers	
Janz, David	University of Saskatchewan	Veterinary Biomedical Sciences	Saskatchewan	CANADA	16/05/2008	3	\$376,890	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Investigation of temporal and spatial distribution, fate and biological effects of selenium in a boreal aquatic ecosystem	
Jaouad, Abdelatif	Université de Sherbrooke	Génie électrique et génie informatique	Québec	CANADA	18/04/2008	5	\$97,455	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Passivation de dispositifs photoniques haute performance	
Jarvis, Gary	York University	Earth and Space Science and Engineering	Ontario	CANADA	18/04/2008	5	\$116,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Continents, curvature and phase changes in models of mantle convection	
Jasiak, Joann	York University	Economics	Ontario	CANADA	18/04/2008	5	\$43,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Estimation and testing in nonlinear time series models	
Jatskevich, Juri	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$107,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modelling and analysis of power electric and energy conversion systems	
Jayachandran, Thayyil	University of New Brunswick	Physics	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$122,710	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structures and dynamics of polar cap ionization using CHAIN and satellite observations	
Jayas, Digvir	University of Manitoba	Biosystems Engineering	Manitoba	CANADA	18/04/2008	5	\$188,750	Discovery Grants Program - Group/ Programme de subventions à la découverte - équipe	Mathematical modeling of stored-grain ecosystems	
Jayawardhana, Ray	University of Toronto	Astronomy and Astrophysics	Ontario	CANADA	18/04/2008	5	\$273,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Origin of stars, brown dwarfs and planets	
Jellinek, Mark	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The micromechanics of strain localization in partially - molten silicic magma chambers: keys for understanding the origin, and dynamics of "supervolcanic" eruptions	
Jen, Cheng-Kuei	McGill University	Electrical and Computer Engineering	Québec	CANADA	18/04/2008	5	\$185,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrated and flexible piezoelectric/ultrasonic sensors for structure health monitoring and biomedical applications	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Jenab, Kouroush	Ryerson University	Mechanical and Industrial Engineering	Ontario	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hybrid maintenance systems: architecture, strategy, and performance evaluation models	
Jenkin, Michael	York University	Computer Science and Engineering	Ontario	CANADA	18/04/2008	2	\$76,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Acquiring, representing and manipulating large scale 3D structures	
Jensen, Jerry	University of Calgary	Chemical and Petroleum Engineering	Alberta	CANADA	18/04/2008	4	\$96,240	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Petroleum reservoir connectivity evaluation	
Jeon, Sangyong	McGill University	Physics	Québec	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Theoretical investigation of quark gluon plasma in heavy ion collisions	
Jeon, Sangyong	McGill University	Physics	Québec	CANADA	18/04/2008	5	\$375,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Theoretical investigation of quark gluon plasma in heavy ion collisions	
Jerome-Majewska, Loydie	McGill University	Pediatrics	Québec	CANADA	18/04/2008	5	\$160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Protein trafficking during placental development: the role of TMED2	
Jerrard, Robert	University of Toronto	Mathematics	Ontario	CANADA	18/04/2008	5	\$180,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	PDE's related to Euclidean and Minkowski minimal surfaces, and Monge-Ampere functions	
Jervis, Eric	University of Waterloo	Chemical Engineering	Ontario	CANADA	16/05/2008	3	\$175,650	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	In vitro characterization of human brain tumor "stem" cells: A lineage centric approach to phenotype characterization using multi-generation live cell imaging and tracking	
Jetter, Reinhard	University of British Columbia	Botany	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$215,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Formation and function of plant cuticular triterpenoids	
Jewkes, Elizabeth	University of Waterloo	Management Sciences	Ontario	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Queueing models of production and healthcare systems	
Jia, Charles	University of Toronto	Chemical Engineering and Applied Chemistry	Ontario	CANADA	18/04/2008	5	\$110,700	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fundamental aspects of sustainable energy and metal productions	
Jia, Rong-Qing	University of Alberta	Mathematical and Statistical Sciences	Alberta	CANADA	18/04/2008	5	\$165,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theory and applications of wavelet bases	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Jia, Zongchao	Queen's University	Biochemistry	Ontario	CANADA	18/04/2008	5	\$315,080	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structural characterization of novel (de)phosphorylation proteins and substrate	
Jiang, Dazhi	University of Western Ontario	Earth Sciences	Ontario	CANADA	18/04/2008	5	\$180,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrated fieldwork and numerical modeling investigation of deformation structures in	
Jiang, Hai	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	18/04/2008	5	\$126,690	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamic spectrum access in cognitive radios	
Jiang, Hui	York University	Computer Science and Engineering	Ontario	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Margin-based discriminative learning of hidden Markov models for speech recognition	
Jiang, Jin	University of Western Ontario	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Control issues in safety- critical systems and distributed power generation	
Jiang, Wenyu	Concordia University	Mathematics and Statistics	Québec	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational methods in the statistical analysis of microarray data and survival data	
Jiang, Zi-Hua	Lakehead University	Chemistry	Ontario	CANADA	18/04/2008	3	\$96,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthetic toll-like receptor 4 ligands: synthesis and biochemical investigation of pseudomonas aeruginosa lipid As and analogues	
Jin, Dean	University of Manitoba	Computer Science	Manitoba	CANADA	18/04/2008	2	\$30,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Software system analysis and composition for integration and interoperability	
Jin, Jisuo	University of Western Ontario	Earth Sciences	Ontario	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Paleobiological and paleoenvironmental control on the origin and diversification of Late Ordovician and early silurian epicontinental brachiopod faunas of North	
Jin, Zhaoqing	University of British Columbia	Botany	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Regulation of FMO1 expression by the mac signalsome	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Jnifene, Amor	Royal Military College of Canada/ Collège militaire royal du Canada	Mechanical Engineering	Ontario	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Smart actuators and intelligent control of biologically inspired robotic systems	
Jobst, Karl	McMaster University	Chemistry	Ontario	CANADA	14/05/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Exploring dissociation and association mechanisms of positive ions by tandem mass spectrometry measurements and computational chemistry	
Jodoin, Pierre-Marc	Université de Sherbrooke	Informatique	Québec	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Segmentation et analyse vidéo: détection de comportement suspects	
Johannson, Karen	University of Memphis	Mathematical Sciences Faculty	Tennessee	UNITED STATES/	16/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Additive combinatorics and ramsey theory	
Johansen, Thormod	Memorial University of Newfoundland	Engineering and Applied Science, Faculty of	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	18/04/2008	4	\$108,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Flow in the vicinity of packers in advanced well completions	
Johnson, Edward	University of Calgary	Biological Sciences	Alberta	CANADA	18/04/2008	5	\$221,625	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fire and biogeoscience plant ecology	
Johnson, Edward	University of Calgary	Biological Sciences	Alberta	CANADA	16/05/2008	5	\$580,000	Major Resources Support Program/ Programme d'appui aux ressources majeures	Biogeoscience Institute	
Johnson, Elizabeth	University of Toronto	Psychology, UTM	Ontario	CANADA	18/04/2008	5	\$114,675	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Decoding continuous speech in infancy	
Johnson, James	University of Western Ontario	Mechanical and Materials Engineering	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Development of techniques to improve mechanical analyses of the reconstructed shoulder	
Johnson, James	University of Western Ontario	Mechanical and Materials Engineering	Ontario	CANADA	18/04/2008	5	\$205,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of techniques to improve mechanical analyses of the reconstructed shoulder	
Johnson, Matthew	Carleton University	Mechanical & Aerospace Engineering	Ontario	CANADA	18/04/2008	5	\$128,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Turbulent combustion and emissions	
Johnson, Pauline	University of British Columbia	Microbiology and Immunology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular analysis of CD44 on cell adhesion and migration	
Johnson, Samuel	University of Windsor	Chemistry and Biochemistry	Ontario	CANADA	18/04/2008	5	\$240,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ligand design for organometallic and inorganic chemistry	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Johnston, Ronald	University of Calgary	Electrical and Computer Engineering	Alberta	CANADA	18/04/2008	5	\$130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applied electromagnetics: compact, diversity, smart and GPS antennas	
Johnston, Steven	University of Waterloo	Physics and Astronomy	Ontario	CANADA	14/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Electron-phonon coupling in strongly correlated	
Johnston, Thomas	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Biology	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Reproductive ecology of boreal fishes	
Johnstone, Kimberly	Simon Fraser University	Molecular Biology and Biochemistry	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Genomic isolation and characterization of olfactory genes in atlantic	
Jolicoeur, Mario	École Polytechnique de Montréal	Génie chimique	Québec	CANADA	18/04/2008	5	\$129,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	On-line monitoring and characterization of cell metabolism	
Jones, Carol	University of Western Ontario	Physics and Astronomy	Ontario	CANADA	24/06/2008	3	\$44,175	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theoretical models for circumstellar material surrounding massive stars constrained by	
Jones, Ian	Memorial University of Newfoundland	Biology	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	18/04/2008	5	\$157,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Behavioural ecology and demography of north pacific seabirds	
Jones, Melanie	University of British Columbia	Okanagan - Biology & Physical Geography	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$205,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ectomycorrhiza functioning in young and mature forest stands	
Jones, Mitchell	McGill University	Biomedical Engineering	Québec	CANADA	11/06/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Microencapsulated/immobilized nitric oxide producing device for chronic wound therapy	
Jones, William	University of British Columbia	Okanagan - Biology & Physical Geography	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	2	\$30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Relative effects of livestock use, hydrology, and water chemistry on wetland ecosystems	
Joseph, Vincent	Université Laval	Pédiatrie	Québec	CANADA	18/04/2008	1	\$29,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Acclimatization and adaptation to high altitude in newborn rats	
Jourdan, Guy-Vincent	University of Ottawa/ Université d'Ottawa	Engineering, Faculty of	Ontario	CANADA	18/04/2008	2	\$30,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Distributed systems modeling and testing	
Joy, Michael	University of Toronto	Biomaterials and Biomedical Engineering, Inst. of (IBBME)	Ontario	CANADA	18/04/2008	1	\$25,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of current density and impedance imaging with MRI	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Joyce, Paul	Concordia University	Chemistry and Biochemistry	Québec	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Eukaryotic tRNA nucleotidyltransferase: synthesis, sorting and mechanism	
Jun, Martin	University of Victoria	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Atomization-based cutting fluid application in micro-machining	
Jung, In-Ho	McGill University	Mining, Metals and Materials Engineering	Québec	CANADA	18/04/2008	5	\$129,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Coupled thermal analysis and thermodynamic modeling research for advanced computer-aided materials design	
Juniper, Kim	University of Victoria	Earth and Ocean Sciences, School of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	1	\$33,632	Discovery Grants Program - Ship Time/ Programme de subventions à la découverte - temps navire	Research cruises on R/V Strickland	
Juniper, Kim	University of Victoria	Earth and Ocean Sciences, School of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$1,091,700	Major Resources Support Program/ Programme d'appui aux ressources majeures	Access to the Canadian Scientific Submersible Facility	
Junop, Murray	McMaster University	Biochemistry and Biomedical Sciences	Ontario	CANADA	18/04/2008	5	\$180,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular mechanism(s) of DNA repair in <i>Deinococcus radiodurans</i>	
Juurlink, Bernhard	University of Saskatchewan	Anatomy and Cell Biology	Saskatchewan	CANADA	16/05/2008	3	\$235,253	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Discovery and characterization of plant-based Phase 2 protein inducers	
Kabadi, Santosh	University of New Brunswick	Business Administration, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	3	\$51,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Discrete optimization problems in mathematical programming	
Kablar, Boris	Dalhousie University	Anatomy and Neurobiology	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	2	\$40,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The role of fetal ocular and breathing movements on cell differentiation and organ functional	
Kadla, John	University of British Columbia	Wood Science	British Columbia/ Colombie-Britannique	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Advanced materials from natural polymers	
Kadla, John	University of British Columbia	Wood Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$180,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced materials from natural polymers	
Kakkar, Ashok	McGill University	Chemistry	Québec	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bicomponent dendritic macromolecules: design and assembly of multifunctional	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Kalisch, Bettina	University of Guelph	Biomedical Sciences	Ontario	CANADA	18/04/2008	2	\$54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of NO in NGF trafficking, kinase phosphorylation and transcription factor activation in cholinergic neurons	
Kaltchenko, Alexei	Wilfrid Laurier University	Physics and Computer Science	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Estimation of information- theoretic quantities and algorithmic processing of classical and quantum information	
Kamal, Musa	McGill University	Chemical Engineering	Québec	CANADA	18/04/2008	3	\$207,870	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Polymer processing & characterization:	
Kaminska, Bozena	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$70,167	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Flexible multilayer and multiparameter wireless microsystems for biomedical applications	
Kaminskyj, Susan	University of Saskatchewan	Biology	Saskatchewan	CANADA	18/04/2008	5	\$137,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fungal morphogenesis and environmental response	
Kan, Frederick	Queen's University	Anatomy and Cell Biology	Ontario	CANADA	18/04/2008	5	\$161,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Oviductal regulation of sperm-egg interaction and reproductive function	
Kang, Baldip	Simon Fraser University	Chemistry	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Studies Toward the Total Synthesis of the Analgescis Natural Product (-)- Chimonanthine	
Kang, Xiu Mei	University of Manitoba	Mechanical and Manufacturing Engineering	Manitoba	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Flexible fixture planning in dynamic manufacturing environments	
Kanj, Houssam	Research in Motion Limited	Head Office	Ontario	CANADA	07/05/2008	2	\$60,000	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	Assessment of The Actual Performance of MIMO Systems with Realistic Electromagnetic Effects	
Kanungo, Rituparna	Saint Mary's University	Astronomy and Physics	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	1	\$120,000	Subatomic Physics Envelope - Research Tools and Instruments/ Enveloppe de physique subatomique - Outils et instruments de recherche	Position sensitive silicon detector telescope for charged particle spectroscopy: St. Mary's silicon telescope array (SMITA)	





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Kapralos, Bill	University of Ontario Institute of Technology	Business and Information Technology, Faculty of	Ontario	CANADA	18/04/2008	5	\$79,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational acoustics for virtual environments	
Karim, Faizal	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Design and Test Automation Technologies for Future Information Processing Nanotechnologies	
Karlen, Dean	University of Victoria	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$534,000	Subatomic Physics Envelope - Major Resources Support Program/ Enveloppe de physique subatomique - programme d'appui aux ressources majeures	MRS for subatomic physics at the University of Victoria	
Karney, Bryan	University of Toronto	Civil Engineering	Ontario	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evaluating infrastructure investments in water supply and distribution networks through a comprehensive assessment of hydraulic and water quality objectives and Genetics of disease resistance in ruminants: interaction between the HP-adrenal axis and the immune system	
Karrow, Niel	University of Guelph	Animal and Poultry Science	Ontario	CANADA	18/04/2008	5	\$185,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Symplectic geometry and group actions	
Karshon, Yael	University of Toronto	Mathematics	Ontario	CANADA	18/04/2008	5	\$145,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Principles, Protocols, and Algorithms for Large-scale Networks	
Karsten, Martin	University of Waterloo	Computer Science, School of	Ontario	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	UWB pulse transmission and reception	
Karumudi, Rambabu	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Observations of neutron stars	
Kaspi, Victoria	McGill University	Physics	Québec	CANADA	18/04/2008	5	\$392,665	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamics of the human passive knee joint	
Kasra, Mehran	McMaster University	Mechanical Engineering	Ontario	CANADA	18/04/2008	2	\$36,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mass spectrometry-based methods for the comprehensive analysis of protein interactions in cells	
Kast, Juergen	University of British Columbia	Biomedical Research Centre (The)	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	2	\$64,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles		

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Katchabaw, Michael	University of Western Ontario	Computer Science	Ontario	CANADA	18/04/2008	5	\$76,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Support massively-scaled participatory simulations	
Katzenback, Barbara	University of Alberta	Biological Sciences	Alberta	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Myelopoiesis in lower vertebrates: Characterization of macrophage progenitor cell populations in the goldfish (Carassius auratus L.)	
Kaur, Kamaljit	University of Alberta	Pharmacy and Pharmaceutical Science, Faculty of	Alberta	CANADA	18/04/2008	3	\$78,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Peptidomimetics approaches for developing biologically active	
Kavelaars, John	University of Victoria	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$58,899	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Origins of the outer solar system	
Kaye, Matthew	University of Ontario Institute of Technology	Energy Systems & Nuclear Science, Faculty of	Ontario	CANADA	18/04/2008	4	\$92,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Materials chemistry applications in the nuclear industry	
Kazerani, Mehrdad	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Research on clean energy and green vehicular systems	
Ke, Yi	University of Waterloo	Management Sciences	Ontario	CANADA	14/05/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Shipper-Carrier Negotiation in Supply Chain Management	
Kearney, Robert	McGill University	Biomedical Engineering	Québec	CANADA	18/04/2008	5	\$230,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analysis and identification of biomedical systems	
Kebreab, Ermias	University of Manitoba	Animal Science	Manitoba	CANADA	18/04/2008	5	\$136,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modeling nutrient utilization in ruminants	
Kelebek, Sadan	Queen's University	Mining Engineering	Ontario	CANADA	18/04/2008	5	\$120,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigation on characterization and flotation upgrading of low grade complex ores using interfacial and statistical methods	
Keliher, Liam	Mount Allison University	Mathematics and Computer Science	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algorithmic analysis of symmetric-key cryptographic primitives	
Kelley, Shana	University of Toronto	Pharmacy, Leslie Dan Faculty of	Ontario	CANADA	18/04/2008	3	\$164,700	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Electrocatalytic biomolecular sensing	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Kells, James	University of Saskatchewan	Civil and Geological Engineering	Saskatchewan	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A study of the hydraulics of nature-like fishways	
Kelly, Jennifer	Dalhousie University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	14/05/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Comparing rocky subtidal food webs using fatty acid analysis	
Kelly, Melanie	Dalhousie University	Pharmacology	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$229,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Calcium signaling in retinal glia	
Kenigsberg, Michael	University of Western Ontario	Geography	Ontario	CANADA	14/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Paleohydrological reconstructions in the headwaters of the Athabasca River	
Kennedy, Christopher	University of Toronto	Civil Engineering	Ontario	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design of infrastructure for sustainable neighbourhoods	
Kennedy, John	University of Toronto	Psychology (Toronto)	Ontario	CANADA	18/04/2008	5	\$79,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Perspective and perception: vision and touch	
Kennedy, Kevin	University of Ottawa/ Université d'Ottawa	Civil Engineering	Ontario	CANADA	18/04/2008	5	\$205,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	TPAD of whole and thin bioethanol residues	
Kermode, Allison	Simon Fraser University	Biological Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	1	\$33,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Novel approaches for understanding conifer seed dormancy and germination	
Kerr, Jeremy	University of Ottawa/ Université d'Ottawa	Biology	Ontario	CANADA	18/04/2008	5	\$113,275	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Building stronger macroecological theories for global change	
Kerr, Russell	University of Prince Edward Island	Chemistry	Prince Edward Island/ Île-du-Prince-Édouard	CANADA	18/04/2008	5	\$285,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	biosynthesis of fuscoides	
Kerrich, Robert	University of Saskatchewan	Geological Sciences	Saskatchewan	CANADA	18/04/2008	5	\$313,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Secular variations in the geochemistry of basalts and atmospheric nitrogen	
Keselj, Vlado	Dalhousie University	Computer Science, Faculty of	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Harmonized string-based and unification-based methodology for text mining and processing	
Kesler, Olivera	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Non-destructive diagnosis of solid oxide fuel cell performance and degradation	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Kesler, Olivera	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Non-destructive diagnosis of solid oxide fuel cell performance and degradation	
Kevlahan, Nicholas	McMaster University	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Turbulence theory and applications: an adaptive wavelet approach	
Keyfitz, Barbara	University of Toronto	Mathematics	Ontario	CANADA	18/04/2008	5	\$6,000,000	Major Resources Support Program/ Programme d'appui aux ressources majeures	Fields Institute for Research in Mathematical Sciences	
Khalesehosseni, Saeed	Cell-Loc Location Technologies Inc.	Head Office	Alberta	CANADA	25/06/2008	2	\$60,000	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	Optimization and Implementation of Geometry Set Server and Database for the Beacon Location Network	
Khan, Faisal	Memorial University of Newfoundland	Engineering and Applied Science, Faculty of	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	18/04/2008	5	\$95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Risk-based approach to the designing of inherently safer oil and gas operations	
Khan, Mohammad	University of Manitoba	Chemistry	Manitoba	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Metallomics of methlylmercury: the role of selenium	
Khan, Tahir	University of Calgary	Mechanical and Manufacturing Engineering	Alberta	CANADA	18/04/2008	5	\$105,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The diffusion bonding of advanced alloys	
Kharaghani, Hadi	University of Lethbridge	Mathematics and Computer Science	Alberta	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Group/ Programme de subventions à la découverte - équipe	Orthogonal designs, Hadamard matrices and applications	
Kharlampovich, Olga	McGill University	Mathematics and Statistics	Québec	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Group actions, algebraic geometry for groups and algorithms	
Kharoune, Mourad	École de technologie supérieure	Génie de la production automatisée	Québec	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Utilisation de résidus et de sous-produits industriels alcalins comme substrats réactifs pour le traitement de polluants gazeux acides	
Khasa, Damase	Université Laval	Sciences du bois et de la forêt	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ecogenomics of managed tropical landscapes	
Khoo, Heng	Carleton University	Civil and Environmental Engineering	Ontario	CANADA	18/04/2008	5	\$95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Strain rate effects for design of steel structures	



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Kian Mehr, Keivan	University of Calgary	Computer Science	Alberta	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	A Novel System Independent Query Model with Self-Adaptive Fuzzy Capabilities	
Kim, Jeong Woo	University of Calgary	Geomatics Engineering	Alberta	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geomagnetic field modeling from on-board LEO attitude-control	
Kim, Sung Ouk	University of Western Ontario	Microbiology and Immunology	Ontario	CANADA	18/04/2008	5	\$143,220	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigating immunomodulating mechanisms of probiotics	
Kim, Yong Jin (Daniel)	McGill University	Electrical and Computer Engineering	Québec	CANADA	11/06/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Design and analysis of a new paradigm in high speed digital signal transmission and reception	
Kinar, Nicholas John Stanislaus	University of Saskatchewan	Geography	Saskatchewan	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Improving the Modelling of Snowpack Evolution by Non-Invasive Characterization of Physical Parameters and Air pollution exposure assessment	
Kindzierski, Warren	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design and biomechanical analyses of radial head elbow implants	
King, Graham	University of Western Ontario	Surgery	Ontario	CANADA	18/04/2008	5	\$95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Electromechanical properties of ceramics	
King, Hubert Wylam	University of Victoria	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Silicon and oxygen isotope geochemistry of diatoms: Implication for paleoenvironmental and paleoproductivity studies	
Kingston, Andrew	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Components of human selective attention	
Kingstone, Alan	University of British Columbia	Psychology	British Columbia/ Colombie-Britannique	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Components of human selective attention	
Kingstone, Alan	University of British Columbia	Psychology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$215,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Emergence of air breathing in vertebrates	
Kinthead, Richard	Université Laval	Pédiatrie	Québec	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles		



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Kinrade, Stephen	Lakehead University	Chemistry	Ontario	CANADA	18/04/2008	5	\$225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Aqueous silicon chemistry	
Kirby, Gordon	University of Guelph	Biomedical Sciences	Ontario	CANADA	18/04/2008	5	\$200,505	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation and role of CYP2A isoenzymes in hepatocellular stress	
Kirischian, Lev	Ryerson University	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Architecture optimization methodology for dynamically reconfigurable stream processors	
Kirkland, James	University of Guelph	Human Health and Nutritional Sciences	Ontario	CANADA	18/04/2008	5	\$168,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The metabolic etiology of niacin deficiency	
Kirkwood, Donna	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	18/04/2008	5	\$132,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structural geometry and fluid flow in fold and thrust belts	
Kirouac, Gilbert	University of Manitoba	Oral Biology	Manitoba	CANADA	18/04/2008	5	\$89,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Orexin regulation of the midline thalamus	
Klaassen, Gary	York University	Earth and Space Science and Engineering	Ontario	CANADA	18/04/2008	3	\$45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Atmospheric dynamics and numerical modelling	
Klassen, John	University of Alberta	Chemistry	Alberta	CANADA	18/04/2008	5	\$340,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure and stability of protein complexes in solution and the gas phase	
Klegeris, Andis	University of British Columbia	Okanagan - Biology & Physical Geography	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$138,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interspecies differences in glial secretions contributing to neuronal survival and death	
Kleiman, Rafael	McMaster University	Engineering Physics	Ontario	CANADA	18/04/2008	1	\$59,100	Major Resources Support Program/ Programme d'appui aux ressources majeures	Centre for emerging device technologies (CEDT)	
Klein, Denise	McGill University	Neurology and Neurosurgery	Québec	CANADA	18/04/2008	5	\$109,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cerebral organization of language in the mother tongue and second languages	
Klinck, Joel	McMaster University	Biology	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Mechanisms of dietary metal transport and the effects of chronic metal	
Kluger, Ronald	University of Toronto	Chemistry	Ontario	CANADA	18/04/2008	5	\$440,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanisms in bioorganic and biological chemistry	



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Klukas, Richard	University of British Columbia	Okanagan - Engineering, School of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$107,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrated, RF based, indoor positioning	
Knight, Keith	University of Toronto	Statistics	Ontario	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Asymptotic theory for non-smooth estimation methods	
Knobel, Robert	Queen's University	Physics	Ontario	CANADA	18/04/2008	5	\$196,260	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantum measurement limits in nanoscale mechanics and electronics	
Knott, Verner	University of Ottawa/ Université d'Ottawa	Psychology, School of	Ontario	CANADA	16/05/2008	5	\$99,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The electrophysiology and neuropharmacology of nicotine modulated	
Knystautas, Émile	Université Laval	Physique, génie physique et optique	Québec	CANADA	18/04/2008	3	\$101,910	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Custom optical materials using plasma techniques	
Ko, Yoon Jeoung	Carleton University	Civil and Environmental Engineering	Ontario	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Smoke management in tunnels	
Kobes, Randal	University of Winnipeg	Physics	Manitoba	CANADA	18/04/2008	5	\$230,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Quantum field theory and non-linear phenomena	
Kocay, William	University of Manitoba	Computer Science	Manitoba	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational graph theory and geometry	
Kogan, Cary	University of Ottawa/ Université d'Ottawa	Psychology, School of	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Differential maturation of the parallel visual pathways	
Kokotov, Alexey Yury	Concordia University	Mathematics and Statistics	Québec	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Flat surfaces, Hurwitz spaces and Frobenius manifolds	
Kolokolova, Antonina	Memorial University of Newfoundland	Computer Science	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	24/06/2008	5	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Complexity in logic	
Konaka, Akira	TRIUMF	Science Division	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	1	\$140,400	Subatomic Physics Envelope - Research Tools and Instruments/ Enveloppe de physique subatomique - Outils et instruments de recherche	T2K common fund contribution	
Konermann, Lars	University of Western Ontario	Chemistry	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Folding and structural dynamics of proteins studied by electrospray mass spectrometry	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Konermann, Lars	University of Western Ontario	Chemistry	Ontario	CANADA	18/04/2008	5	\$350,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Folding and structural dynamics of proteins studied by electrospray mass spectrometry	
Konhauser, Kurt	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Modern microbe-metal- mineral interactions: testing for biosignatures in ancient rocks	
Konhauser, Kurt	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	18/04/2008	5	\$230,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modern microbe-metal- mineral interactions: testing for biosignatures in ancient rocks	
Koning, Nicholas	University of Calgary	Physics and Astronomy	Alberta	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	3D structure of Planetary Nebulae	
Kontak, Daniel	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Earth Sciences	Ontario	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Defining chemical and mineralogical signatures of magmatic-hydrothermal systems	
Koop, Benjamin	University of Victoria	Biology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	2	\$56,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Genome duplication and evolution in salmonids	
Kortschot, Mark	University of Toronto	Chemical Engineering and Applied Chemistry	Ontario	CANADA	18/04/2008	5	\$127,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Generating optimal 3D structures in natural fibre reinforced polymers	
Kosseim, Leila	Concordia University	Computer Science and Software Engineering	Québec	CANADA	18/04/2008	5	\$95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Answering opinion questions from blogs	
Kotovshchikova, Marina	University of Manitoba	Mathematics	Manitoba	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Spectral methods for problems in fluid dynamics	
Kouwen, Nicholas	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	18/04/2008	3	\$54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hydrological modelling with weather radar	
Kovacs, John	Nipissing University	Geography	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Alternative methods for assessing and monitoring mangrove forests	
Koval, Susan	University of Western Ontario	Microbiology and Immunology	Ontario	CANADA	18/04/2008	5	\$200,505	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Predatory prokaryotes: life cycle and non-culture methods of identification	
Kovtun, Pavlo	University of Victoria	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$120,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	String theory and strongly interacting matter	
Kozak, Christopher	Memorial University of Newfoundland	Chemistry	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	3	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Transition metal complexes for catalysis	

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Kozdron, Michael John	University of Regina	Mathematics and Statistics	Saskatchewan	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The Schramm-Loewner evolution and scaling limits of discrete planar processes	
Kozinski, Janusz	University of Saskatchewan	Chemical Engineering	Saskatchewan	CANADA	18/04/2008	5	\$202,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bioenergy & waste remediation	
Kramer, Donald	McGill University	Biology	Québec	CANADA	18/04/2008	2	\$78,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Behavioural ecology of space use, mobility and vigilance	
Krause, Cornelia	Université du Québec à Chicoutimi	Sciences fondamentales	Québec	CANADA	18/04/2008	5	\$105,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Croissance et développement du système racinaire chez les conifères en forêt boréale	
Krauss, Carsten	University of Alberta	Physics	Alberta	CANADA	16/05/2008	1	\$102,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	PICASSO - Search for Dark Matter (Applicant V. Zacek)	
Krawcewicz, Wieslaw	University of Alberta	Mathematical and Statistical Sciences	Alberta	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Methods in nonlinear analysis, applications to differential and variational problems, and scientific computations	
Krawchuk, Margaret	University of California - Berkeley	Environmental Sc., Policy and Mgt	California/ Californie	UNITED STATES/ ÉTATS-UNIS	11/06/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Pyrogeography: understanding direct controls on the global distribution of fire	
Kreplak, Laurent	Dalhousie University	Physics and Atmospheric Science	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$152,645	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structural nanomechanics of self-assembled protein filaments	
Kreplak, Laurent	Dalhousie University	Physics and Atmospheric Science	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	1	\$150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Nanospectroscopy and nanomechanics of protein materials	
Kresta, Suzanne	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	18/04/2008	5	\$158,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A spatial statistics toolkit for the measurement and modeling of mixing, reaction, and multiphase	
Kreuzer, Juergen	Dalhousie University	Physics and Atmospheric Science	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$218,065	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Surface and interface dynamics	
Kribs, David	University of Guelph	Mathematics and Statistics	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Mathematical synthesis of application and theory in quantum error correction	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Kribs, David	University of Guelph	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mathematical synthesis of application and theory in quantum error correction	
Krishna, Priti	University of Western Ontario	Biology	Ontario	CANADA	18/04/2008	2	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chaperoning signal transduction by the 90 kDa heat shock protein hsp90	
Krishnamurthy, Diwakar	University of Calgary	Electrical and Computer Engineering	Alberta	CANADA	18/04/2008	5	\$91,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Performance management tools for utility-enabled enterprise applications	
Krishnamurthy, Vikram	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$326,470	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stochastic sensor scheduling	
Kristensen, Erika	University of Calgary	Mechanical and Manufacturing Engineering	Alberta	CANADA	14/05/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	The effects of growth hormone on bone development, maintenance and loss	
Kritchewski, Evgenij	University of British Columbia	Mathematics	British Columbia/ Colombie-Britannique	CANADA	04/06/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Localization and Transport in Disordered Quantum Systems	
Krogan, Naden	The Salk Institute for Biological Studies	Plant Biology	California/ Californie	UNITED STATES/ ÉTATS-UNIS	23/04/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	The Role of Histone Deacetylation in Developmental Patterning	
Krokhin, Oleg	University of Manitoba	RDU Research Laboratory	Manitoba	CANADA	18/04/2008	3	\$109,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Novel, proteomics-derived approach to peptide retention prediction on RP HPLC for improved protein identification	
Krol, Edward	University of Saskatchewan	Pharmacy and Nutrition, College of	Saskatchewan	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Toxicity and biological reactivity of naturally occurring polyphenols	
Krone, Patrick	University of Saskatchewan	Anatomy and Cell Biology	Saskatchewan	CANADA	18/04/2008	5	\$205,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation and function of Hsp70 in zebrafish embryos	
Kronzucker, Herbert	University of Toronto	Biological Sciences (Scarborough)	Ontario	CANADA	18/04/2008	1	\$50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Physiological ecology of nutrients acquisition in terrestrial plants	
Kruczek, Boguslaw	University of Ottawa/ Université d'Ottawa	Chemical and Biological Engineering	Ontario	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of nanocomposite materials for gas separation	
Kruse, Peter	McMaster University	Chemistry	Ontario	CANADA	18/04/2008	5	\$265,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Physicochemical processes at interfaces leading to nanoscale patterning	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Kry, Paul	McGill University	Computer Science, School of	Québec	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Reality based virtual humans and animals	
Kubien, David	University of New Brunswick	Biology (Fredericton)	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$145,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Photosynthesis: temperature responses and enzyme performance in C3 and C4 plants	
Kubiseski, Terrance	York University	Biology	Ontario	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The roles of Rho GTPase family signalling in C.elegans	
Kubow, Stan	McGill University	Dietetics and Human Nutrition, School of	Québec	CANADA	18/04/2008	5	\$100,000	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 embryo development	
Kuhn, David	University of Manitoba	Engineering, Faculty of	Manitoba	CANADA	18/04/2008	5	\$105,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Characterization and simulation of particle distribution adjacent to moving particle beds and to rough surfaces	
Kulik, Rafal	University of Ottawa/ Université d'Ottawa	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistics for long range dependent sequences	
Kung, Sam	University of Manitoba	Immunology	Manitoba	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular mechanism underlying natural killer cell differentiation and acquisition of target recognition	
Kunst, Ljerka	University of British Columbia	Botany	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$325,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cuticular wax biosynthesis and deposition	
Kunstatter, Gabor	University of Winnipeg	Physics	Manitoba	CANADA	18/04/2008	5	\$275,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Quantum theory, black holes and quantum gravity	
Kuo, Wei Hung	University of Toronto	Molecular Genetics	Ontario	CANADA	14/05/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Identification of nuclear phosphatidylinositide signaling pathways involved in transcription	
Kyle, Christopher	Trent University	Natural Resources DNA Profiling and Forensic Centre (NRDPFC)	Ontario	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Coevolutionary mechanisms within vector/pathogen complexes	

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Labbé, Chantal	HEC Montréal	Méthodes quantitatives de gestion, Service de l'enseignement des	Québec	CANADA	18/04/2008	2	\$30,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Portfolio optimization	
Labelle, Eric	University of New Brunswick	Forestry and Environmental Management, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	14/05/2008	2	\$30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Developing a Forest Equipment Trafficability Model to Minimize Soil Disturbances	
Laberge, Frédéric	University of Guelph	Integrative Biology	Ontario	CANADA	18/04/2008	1	\$31,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neural substrate of behavioural control in basal vertebrates: in search of the fundamental elements of the behavioural	
Lachapelle, Gerard	University of Calgary	Geomatics Engineering	Alberta	CANADA	18/04/2008	5	\$389,810	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced GNSS signal processing techniques for indoor location	
Lack, Nathan Alan	University of Oxford	Pharmacology		UNITED KINGDOM/	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The role of the nat operon in mycobacterium	
Lacroix, Frédéric	Université de Montréal	Radiologie, radio-oncologie et médecine nucléaire	Québec	CANADA	18/04/2008	3	\$63,690	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Conception optique et optimisation de dosimètres à fibres optiques	
Lacroix, Monique	Institut national de la recherche scientifique	INRS-Institut Armand-Frappier	Québec	CANADA	16/06/2008	4	\$320,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Antimicrobiens naturels: Caractérisation et mise au point de formulations antimicrobiennes pour assurer l'innocuité et augmenter le temps de conservation de mets prêts à manger	
Laflamme, Marc	Virginia Polytechnic Institute & State University	Geological Sciences	Virginia/ Virginie	UNITED STATES/ ÉTATS-UNIS	16/04/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Computer-aided three - dimensional reconstructions of the oldest armoured animals	
Lafleur, Benoît	Université du Québec en Abitibi-Témiscamingue	Sciences appliquées	Québec	CANADA	14/05/2008	3	\$27,000	Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat	Impact de la perturbation du sol par la coupe et la préparation de terrain sur les propriétés physico-chim. des sols et sur la croissance de l'épinette noire dans les pessières à mousse entourbées de	
Lafleur, Michel	Université de Montréal	Chimie	Québec	CANADA	18/04/2008	5	\$300,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Understanding and exploiting lipid-lipid interactions	



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Lafontaine, Daniel	Université de Sherbrooke	Biologie	Québec	CANADA	18/04/2008	5	\$200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure, folding and function of junction-based riboswitches	
Laguë, Claude	University of Ottawa/ Université d'Ottawa	Engineering, Faculty of	Ontario	CANADA	18/04/2008	3	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Comparative assessment of alternate agricultural mechanization systems	
Lake, Craig	Dalhousie University	Civil and Resource Engineering	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Long term contaminant migration performance evaluation of engineered barrier systems	
Lakeman, Thomas	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Quaternary environments of Banks Island, NWT: implications for the nature of high latitude environmental change	
Lalande, Jonathan	École Polytechnique de Montréal	Génie chimique	Québec	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Développement d'un indicateur écotoxicologique basé sur la stabilité de l'activité enzymatique d'un sol et application en évaluation des impacts de cycle de vie	
Laliberté, Jean-Francois	Institut national de la recherche scientifique	INRS-Institut Armand- Frappier	Québec	CANADA	18/04/2008	5	\$255,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The cellular biology of turnip mosaic virus	
Laliberté, Jeremy	Carleton University	Mechanical & Aerospace Engineering	Ontario	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biologically inspired and biomimetic micro aerial vehicle structures	
Laliberté, Julie	Michigan State University	Microbiology and Molecular Genetics	Michigan	UNITED STATES/ ÉTATS-UNIS	23/04/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Elaboration de nouveaux outils moléculaires afin de faciliter la manipulation génique chez Toxoplasma gondii	
Lalin, Matilde	University of Alberta	Mathematical and Statistical Sciences	Alberta	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Periods arising from Mahler measure, hyperbolic volumes, and CRM's major 5-year plan:	
Lalonde, François	Université de Montréal	Mathématiques et de statistique	Québec	CANADA	18/04/2008	5	\$6,000,000	Major Resources Support Program/ Programme d'appui aux ressources majeures	Investing in people and intellectual capacities, supporting cutting edge mathematical research, exceptional new opportunities, partnerships and synergies	

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Lalonde, Robert	Université de Montréal	Médecine	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neurobehavioral evaluation of mutant mice involved in Reelin signaling	
Lam, Patrick	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	18/04/2008	5	\$93,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Software verification tools based on lightweight specifications	
Lam, Tania	University of British Columbia of	Human Kinetics, School of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$118,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Generalization of internal models of the legs for walking	
Lamarche, Louis	École de technologie supérieure	Génie mécanique	Québec	CANADA	18/04/2008	5	\$93,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design and analysis of ground coupled heat pumps systems	
Lamarre, Alain	Institut national de la recherche scientifique	INRS-Institut Armand- Frappier	Québec	CANADA	18/04/2008	5	\$161,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanisms involved in the establishment of viral persistence	
Lamers, Ryan	University of Central Florida	Head Office	Florida/ Floride	UNITED STATES/	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Double Strand Break Repair of Highly Degraded	
Lamothe, Michel	Université du Québec à Montréal	Sciences de la terre et de l'atmosphère	Québec	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The development of a universal luminescence dating method for feldspar minerals	
Lamothe, Michel	Université du Québec à Montréal	Sciences de la terre et de l'atmosphère	Québec	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Northern Research Supplement/ Programme de subventions à la découverte - supplément en recherche nordique	Luminescence dating of paleoclimate sensitive sediments of Eastern Beringia	
Lamothe, Sébastien	École de technologie supérieure	Génie de la construction	Québec	CANADA	23/04/2008	2	\$30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Fatigue des enrobés en période de gel-dégel en condition partiellement saturée avec et sans saumure	
Lamoureux, Guillaume	Concordia University	Chemistry and Biochemistry	Québec	CANADA	18/04/2008	3	\$98,700	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development and application of efficient and accurate methods for computational enzymology	
Lan, Kunquan	Ryerson University	Mathematics	Ontario	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Differential equations and elliptic inequalities	
Landecker, Thomas	University of Calgary	Physics and Astronomy	Alberta	CANADA	18/04/2008	4	\$106,020	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The Magneto-Ionic Medium of the Milky Way Galaxy	
Landry, René	École de technologie supérieure	Génie électrique	Québec	CANADA	18/04/2008	5	\$116,945	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Technologies de haute sensibilité et robustesse pour les récepteurs GNSS en environnement sévère	



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Lane, Daniel	University of Ottawa/ Université d'Ottawa	Management, School of	Ontario	CANADA	18/04/2008	5	\$95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Marine evaluation systems for fisheries, oceans, and aquaculture	
Lang, Jochen	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interactive acquisition of the physical world	
Langley, Richard	University of New Brunswick	Geodesy and Geomatics Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$205,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced algorithm development for demanding real-time global navigation satellite systems	
Langlois, Valérie	University of Ottawa/ Université d'Ottawa	Biology	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Les effets des pesticides atrazine et tributylétain sur le développement sexuel et sur la métamorphose des amphibiens	
Lank, David	Simon Fraser University	Biological Sciences	British Columbia/ Colombie-Britannique	CANADA	16/05/2008	5	\$128,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Shorebird life histories at multiple levels of analysis	
Lanovaz, Joel	University of Saskatchewan	Kinesiology, College of	Saskatchewan	CANADA	18/04/2008	2	\$36,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational musculoskeletal modelling for orthopaedic	
Lanteigne, Eric	Royal Military College of Canada/ Collège militaire royal du Canada	Mechanical Engineering	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Strategic Dynamic Control of Hyper-redundant manipulators	
Lapalme, Guy	Université de Montréal	Informatique et recherche opérationnelle	Québec	CANADA	16/06/2008	3	\$240,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Amélioration de recherche de correspondances dans TransSearch	
LaPierre, Raymond	McMaster University	Engineering Physics	Ontario	CANADA	18/04/2008	5	\$174,455	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nanowire Optoelectronics	
LaPlante, Gabriel	Université de Moncton	Génie mécanique	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Environmental effects on the durability of laminated composite materials	
Lapointe, Tamia-Kateri	University of Calgary	Biological Sciences	Alberta	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Mechanism of gastric epithelial barrier structure and function disruption by Helicobacter pylori	
Laprise, René	Université du Québec à Montréal	Sciences de la terre et de l'atmosphère	Québec	CANADA	18/04/2008	5	\$195,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of models of the regional climate and physical environment	

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Larachi, Faïçal	Université Laval	Génie chimique	Québec	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Multifunctional reactors and materials for clean energy	
Larachi, Faïçal	Université Laval	Génie chimique	Québec	CANADA	18/04/2008	5	\$225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multifunctional reactors and materials for clean energy	
Larose, Guy	Carleton University	Mechanical & Aerospace Engineering	Ontario	CANADA	18/04/2008	5	\$93,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Energy efficiency and aerodynamic performance in olympic sports and surface vehicles	
Larouche, Daniel	Université Laval	Génie des mines, métallurgie et matériaux	Québec	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Solidification characteristics of aluminium alloys	
Larson, Katherine	University of Waterloo	Computer Science, School of	Ontario	CANADA	18/04/2008	5	\$122,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stategic behaviour in multiagent systems	
Lassonde, Maryse	Université de Montréal	Psychologie	Québec	CANADA	18/04/2008	5	\$244,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Is speech lateralization an innate or acquired characteristic of the human brain ?	
Lau, David	Carleton University	Civil and Environmental Engineering	Ontario	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Seismic risk assessment and mitigation of critical structures	
Lau, Nathan	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Situation Awareness Performance Model and Measures for Process Control: Applications to Design and Evaluation of Control Rooms	
Laurendeau, Denis	Université Laval	Génie électrique et génie informatique	Québec	CANADA	18/04/2008	5	\$235,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	An integrated framework for physics-based simulation in computer	
Laurin, Jean-Jacques	École Polytechnique de Montréal	Génie électrique	Québec	CANADA	16/05/2008	2	\$86,960	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Antennas multi-fonctions pour les charges utiles de télécommunication et de télédétection	
Laurin, Jean-Jacques	École Polytechnique de Montréal	Génie électrique	Québec	CANADA	18/04/2008	5	\$235,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Reconfigurable antennas and microwave tomography	
Lauzier, Nicolas	Université Laval	Génie mécanique	Québec	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Développement de mécanismes permettant l'augmentation des capacités humaines	



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Lavaei Yanesi, Javad	California Institute of Technology	Control and Dynamical Systems	California/ Californie	UNITED STATES/	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Different Aspects of Complex Systems	
Laval, Bernard	University of British Columbia	Civil Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Transport processes in lakes	
Lavasanifar, Afsaneh	University of Alberta	Pharmacy and Pharmaceutical Science, Faculty of	Alberta	CANADA	18/04/2008	5	\$120,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chemical tailoring of micelle-forming poly(ethylen oxide)-block-poly(ester) copolymers for drug delivery	
Lavers, John Douglas	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Coupled electromechanical and electrothermal problems in continuous	
Lavigne, Pierre	Université de Sherbrooke	Pharmacologie	Québec	CANADA	18/04/2008	5	\$171,860	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structural biology of Miz1	
Laviolette, François	Université Laval	Informatique et de génie logiciel	Québec	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Majority votes and duality in machine learning	
Lavoie, Carole	Université du Québec à Trois-Rivières	Activité physique, Science de l'	Québec	CANADA	18/04/2008	3	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Homéostasie glucidique: nouveaux paramètres à la régulation de la production glucose	
Lavoie, Gino	York University	Chemistry	Ontario	CANADA	18/04/2008	3	\$120,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Activation of small molecules by transition metal complexes	
Lavoie, Marc	Université de Montréal	Psychiatrie	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Group/ Programme de subventions à la découverte - équipe	The neurocognition of emotional memory: a combined ERP and fMRI	
Lavoie, Martin	Université Laval	Géographie	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Paléoenvironnements de la forêt boréale coniférienne au Québec nordique	
Lawryshyn, Yuri	University of Toronto	Chemical Engineering and Applied Chemistry	Ontario	CANADA	18/04/2008	4	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of a fundamental model to predict UV reactor performance for photolysis and advanced oxidation processes	
Le Moual, Hervé	McGill University	Microbiology and Immunology	Québec	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Signal transduction by bacterial Ser/Thr kinases	
Le, Chris	University of Alberta	Laboratory Medicine and Pathology	Alberta	CANADA	18/04/2008	5	\$360,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	DNA-Protein binding assays	

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Le, Long	Massachusetts Institute of Technology	Aeronautics and Astronautics	Massachusetts	UNITED STATES/ ÉTATS-UNIS	04/06/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Smart protocol design for next-generation cognitive radio networks	
Leach, Gary	Simon Fraser University	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure, dynamics and reactivity at surfaces and interfaces	
Leaist, Derek	St. Francis Xavier University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$215,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Diffusion in solutions	
Leask, Richard	McGill University	Chemical Engineering	Québec	CANADA	18/04/2008	5	\$125,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The effect of cyclic strain and pressure on endothelial cell response	
Leatherland, John	University of Guelph	Biomedical Sciences	Ontario	CANADA	18/04/2008	5	\$215,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stress- and xenobiotic-induced changes in early fish embryo gene expression patterns as biomarkers of development and growth in juveniles	
Lebel, Réjean	Université de Sherbrooke	Médecine nucléaire et radiobiologie	Québec	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Développement et caractérisation d'un agent de contraste permettant de visualiser l'activité enzymatique de la MMP-2	
Leboe, Jason	University of Manitoba	Psychology	Manitoba	CANADA	18/04/2008	5	\$92,180	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Memory-based origins of cognitive control	
Lechowicz, Martin	McGill University	Biology	Québec	CANADA	18/04/2008	5	\$206,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Predictive ecology of forest plant diversity	
Leclerc, Denis	Université Laval	Infectiologie, Centre de recherche en	Québec	CANADA	18/04/2008	5	\$200,505	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The papaya mosaic virus platform; an innovative tool in nanotechnology	
L'Ecuyer, Pierre	Université de Montréal	Informatique et recherche opérationnelle	Québec	CANADA	18/04/2008	5	\$355,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Simulation of stochastic systems	
Lee, Chris	University of Windsor	Civil and Environmental Engineering	Ontario	CANADA	18/04/2008	5	\$96,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Understanding the impact of traffic flow interruption and vehicle mix on congestion and safety for solving cross-border traffic	
Lee, Hoyun	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Chemistry and Biochemistry	Ontario	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Characterization of Cdc7 functional domains	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Lee, Jeremy	University of Saskatchewan	Biochemistry	Saskatchewan	CANADA	18/04/2008	5	\$171,860	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nanopore analysis of peptides and proteins	
Lee, Jonathan	University of Ottawa/ Université d'Ottawa	Biochemistry, Microbiology and Immunology	Ontario	CANADA	18/04/2008	5	\$200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Control of actin remodeling by filamin A and cyclin B1/cdk1	
Lee, Nicolas	Stanford University	Aeronautics & Astronautics	California/ Californie	UNITED STATES/	07/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Robust passive solar sail deployment for CubeSats	
Lee, Sae-Won	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Development of a polymer MEMS fabrication technology for self- assembled MEMS devices	
Lee, SangHyun	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	18/04/2008	5	\$99,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hybrid system dynamics and discrete event simulation for understanding and managing large-scale construction	
Lee, Tammy	University of Rochester	Institute of Optics	New York	UNITED STATES/ ÉTATS-UNIS	16/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Reflectance and Fluorescence Spectroscopies in Photodynamic Therapy	
Lee, Yen-Hong (Daniel)	University of Toronto	Laboratory Medicine and Pathobiology	Ontario	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Analysis of microRNA Functioning in Breat Carcinoma	
Lefebvre, Daniel	Queen's University	Biology	Ontario	CANADA	18/04/2008	5	\$105,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Metabolic pathways of aerobic metal sulfide biotransformation and related hydrogen evolution	
Lefrançois, Julie	Université Laval	Génie mécanique	Québec	CANADA	14/05/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Simulation numérique de l'ingestion de gaz chaud dans la cavité rotor-stator d'une turbine à gaz	
Leguillet, Renaud	University of Calgary	Veterinary Medicine, Faculty of	Alberta	CANADA	18/04/2008	5	\$148,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamics of myosin filaments in single smooth muscle cells	
Lehman, Shawn	University of Toronto	Anthropology (Toronto)	Ontario	CANADA	18/04/2008	5	\$86,190	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Plant and lemur responses to forest edges in Madagascar	
Lehmann, Hugo	Trent University	Psychology	Ontario	CANADA	18/04/2008	5	\$124,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Promoting memory consolidation outside the hippocampus	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Leier, Andrew	University of Calgary	Geoscience	Alberta	CANADA	16/05/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Large intermontane basins in fold-thrust belts: keys to understanding the formation and evolution of mountain ranges	
Lekivetz, Ryan	Simon Fraser University	Statistics and Actuarial Science	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Classification of orthogonal arrays with estimable two- factor interactions	
Lemaire, Edward	University of Ottawa/ Université d'Ottawa	Medicine, Faculty of	Ontario	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Intelligent mobility systems	
Lemaire, Martin	Brock University	Chemistry	Ontario	CANADA	18/04/2008	3	\$81,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthesis and properties of melocule-based materials	
Lemieux, Sebastien	Université de Montréal	Informatique et recherche opérationnelle	Québec	CANADA	16/05/2008	2	\$32,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Gene interdependence in microarray data analysis	
Lence, Barbara	University of British Columbia	Civil Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$145,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Risk assessment and mitigation of water quality systems: recoverable and non-recoverable responses to failure	
Lencki, Robert	University of Guelph	Food Science	Ontario	CANADA	18/04/2008	5	\$144,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Exploring new methods of processing milk	
Le-Ngoc, Tho	McGill University	Electrical and Computer Engineering	Québec	CANADA	16/06/2008	5	\$715,930	Industrial Research Chairs/ Professeurs- chercheurs industriels	NSERC/Bell Canada Industrial Research Chair in Performance & Resource Management in Broadband xDSL Access Networks	
Lennox, Bruce	McGill University	Chemistry	Québec	CANADA	18/04/2008	5	\$440,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nanomaterials in 0,1,2, and 3D	
Lenz, Alfred	University of Western Ontario	Earth Sciences	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Silurian graptolite biofacies on Arctic Canada: taxonomy, biostratigraphy, biogeography, paleoenvironments and evolution	
Leonenko, Yuri	University of Waterloo	Physics and Astronomy	Ontario	CANADA	18/04/2008	4	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optimization of CO2 dissolution for geological storage	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Leon-Garcia, Alberto	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	1	\$43,854	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design of converged communications and computing infrastructure	
Lerouge, Sophie	École de technologie supérieure	Génie mécanique	Québec	CANADA	16/05/2008	3	\$276,538	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Novel plasma polymerised coatings for vascular implants	
Leroux, Ian	Massachusetts Institute of Technology	Physics	Massachusetts	UNITED STATES/ ÉTATS-UNIS	16/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	A chip-based atomic clock beyond the standard quantum limit of precision	
Leroux, Jean-Christophe	Université de Montréal	Pharmacie, faculté de	Québec	CANADA	16/05/2008	3	\$210,945	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Fabrication of dispersed drug nanocrystals by femtosecond laser ablation in water	
Leroux, Jean-Christophe	Université de Montréal	Pharmacie, faculté de	Québec	CANADA	18/04/2008	2	\$262,700	EWR Steacie Fellowships/ EWR Steacie	Steacie Supplement	
L'Espérance, Gilles	École Polytechnique de Montréal	Mathématiques et génie industriel	Québec	CANADA	18/04/2008	1	\$45,500	Major Resources Support Program/ Programme d'appui aux ressources majeures	Centre de caractérisation microscopique des matériaux, le (CM)2	
Lessard, Jean Raphaël	University of Victoria	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Search for top-antitop resonances at the Large Hadron Collider (LHC)	
Leung, Bonnie	McMaster University	Chemistry	Ontario	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	X-ray Spectromicroscopy Studies of Protein Adsorption to Biodegradable Hydrogels	
Leung, Lai-Wo (Stan)	University of Western Ontario	Physiology and Pharmacology	Ontario	CANADA	18/04/2008	5	\$234,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Behavioural disruption by limbic seizures	
Leung, Teresa	University of Calgary	Mechanical and Manufacturing Engineering	Alberta	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Stability of Turbulent Jet Diffusion Flames in a Confined Co-flowing	
Levasseur, Annie	École Polytechnique de Montréal	Génie chimique	Québec	CANADA	23/04/2008	1	\$25,000	Postgraduate Scholarships M/ Bourses d'études supérieures M	Introduction de la composante temporelle en analyse du cycle de vie	
Levesque, Hector	University of Toronto	Computer Science	Ontario	CANADA	18/04/2008	5	\$340,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Representation and reasoning for autonomous agents	
Lévesque, Mélanie	École de technologie supérieure	Génie électrique	Québec	CANADA	11/06/2008	2	\$27,000	Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat	Étude des taux de dégradation de barres d'alternateurs soumises à des décharges d'encoches sous contraintes multiples	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Levi, Ofer	University of Toronto	Biomaterials and Biomedical Engineering, Inst. of (IBBME)	Ontario	CANADA	18/04/2008	5	\$97,455	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optical nanostructures for high sensitivity bio-sensing	
Levin, David	University of Manitoba	Biosystems Engineering	Manitoba	CANADA	18/04/2008	3	\$72,180	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bioengineering for 3rd generation biofuels	
Levine, Martin	McGill University	Electrical and Computer Engineering	Québec	CANADA	18/04/2008	5	\$127,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Automated Visual surveillance	
Lewis, Andrew	Queen's University	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The local structure of affine systems	
Lewis, James	University of Alberta	Mathematical and Statistical Sciences	Alberta	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algebraic cycles, regulators and Hodge theory	
Lewis, Marc	University of Toronto	Human Development and Applied Psychology	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neural correlates of reactive and effortful control in young children	
Li, David	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Hierarchical clock deskwing scheme	
Li, Hongbin	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	2	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Protein mechanics and engineering at the single molecule level	
Li, Howard	University of New Brunswick	Electrical and Computer Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$86,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Intelligent coordination of multiple unmanned ground vehicles and unmanned aerial vehicles	
Li, Jianbing	University of Northern British Columbia	Environmental Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of systems analysis and process control approaches for optimal soil and groundwater remediation	
Li, Kecheng	University of New Brunswick	Chemical Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Inter-fibre bonding of mechanical pulp fibres	
Li, Mao	University of Guelph	Biomedical Sciences	Ontario	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Factors effect on the early embryo development and life history of fish	
Li, Siu Hang	University of Waterloo	Statistics and Actuarial Science	Ontario	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Managing longevity risk in finance and insurance	

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Li, Xianguo	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	18/04/2008	5	\$203,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Transport phenomena in environmentally friendly energy conversion systems	
Li, Xun	McMaster University	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$112,070	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design, simulation and fabrication of low-cost single mode Fabri-Perot laser diode for fiber-to-the-home networks	
Li, Yunwei	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	18/04/2008	5	\$137,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Power converters used in distributed generation (DG) and microgrids	
Li, Zhaoyu	University of Pennsylvania	Genetics	Pennsylvania/ Pennsylvanie	UNITED STATES/ ÉTATS-UNIS	16/04/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Foxa1 and Foxa2 Coordinately Regulate Gene Expression during Perinatal Liver Development and	
Li, Zhiying	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	14/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Effects of External fields on dynamics of ultracold gases in low dimensions	
Liang, Hung-Ling (Steve)	University of Calgary	Geomatics Engineering	Alberta	CANADA	18/04/2008	5	\$101,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sense-Able GIS: a P2P-based interoperable spatial sensor web architecture	
Liang, Songxin	University of Western Ontario	Mathematics	Ontario	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Computational real algebraic geometry	
Liao, Baoqiang	Lakehead University	Chemical Engineering	Ontario	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Membrane biotechnology for waste management in pulp and paper industry	
Liao, Wenyuan	University of Calgary	Mathematics and Statistics	Alberta	CANADA	18/04/2008	5	\$86,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Inverse modelling & numerical algorithm for multiphase flows in porous media and applications in petroleum reservoir simulation	
Lichti, Derek	University of Calgary	Geomatics Engineering	Alberta	CANADA	18/04/2008	5	\$101,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geometric modelling of 3D laser cameras for biomedical applications	
Lieffers, Victor	University of Alberta	Renewable Resources	Alberta	CANADA	18/04/2008	5	\$235,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Crown function and dimensions in boreal conifers	
Lim, Jim	University of British Columbia	Chemical and Biological Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$240,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fluidization and spouting and applications to clean energy processes	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Lin, Der Chyan	Ryerson University	Mechanical and Industrial Engineering	Ontario	CANADA	18/04/2008	2	\$30,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multifractal correlation in complex biological dynamical systems	
Lin, Fuhua	Athabasca University	Computing & Information Systems, School of	Alberta	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Developing reasoning capabilities for intelligent agents that facilitate adaptive learning	
Lin, Hai	McGill University	Atmospheric and Oceanic Sciences	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The Madden-Julian oscillation and intraseasonal weather forecasting in Canada	
Lin, William	University of Western Ontario	Mechanical and Materials Engineering	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Aeroelastic behaviour of power transmission lines in downburst winds	
Lin, Yanping	University of Alberta	Mathematical and Statistical Sciences	Alberta	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Some nonlinear differential equations and their numerical solutions	
Linder, Tamas	Queen's University	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$165,670	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Source coding theory, algorithms, and applications to robust multimedia compression in	
Lines, Laurence	University of Calgary	Geoscience	Alberta	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optimization geophysical petroleum reservoir characterization	
Linhananta, Apichart	Lakehead University	Physics	Ontario	CANADA	18/04/2008	2	\$36,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computer models of protein mutants for predictions of behaviors of protein folding and	
Linton, Jonathan	University of Ottawa/ Université d'Ottawa	Management, School of	Ontario	CANADA	18/04/2008	5	\$105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Using direct kernel methods to accelerate process improvement with new and emerging technologies within and across supply chains	
Liotti, Mario	Simon Fraser University	Psychology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$94,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Behavioral and electrophysiological correlates of the influence of emotion on cognitive processing	
Litherland, Albert	University of Toronto	Physics	Ontario	CANADA	18/04/2008	5	\$864,000	Major Resources Support Program/ Programme d'appui aux ressources majeures	The IsoTrace laboratory	





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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Little, James	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$257,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Robots, maps, and tasks	
Litvak, Matthew	University of New Brunswick	Biology (Saint John)	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ecology and behaviour during early life stages of fishes: theory and application	
Liu, Guojun	Queen's University	Chemistry	Ontario	CANADA	18/04/2008	5	\$450,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Block copolymer nanostructures and hierarchical structures	
Liu, Qi	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	18/04/2008	5	\$110,700	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	«Two-stage-aggregation flotation» process for ultrafine particle separation	
Liu, Qiang	University of Saskatchewan	VIDO-Vaccine and Infectious Diseases Organization	Saskatchewan	CANADA	18/04/2008	5	\$143,220	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Translational control of hepatitis C virus: the role of NS5A	
Liu, Shiping	Université de Sherbrooke	Mathématiques	Québec	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Representations of Artin algebras	
Liu, Wei	York University	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Semiparametric nonlinear mixed-effects models with covariate measurement errors, informative dropouts, and time-to-event	
Liu, Xiaoming	University of Western Ontario	Statistical and Actuarial Sciences	Ontario	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stochastic mortality modelling and its applications	
Liu, Xiaorong	Memorial University of Newfoundland	Chemistry	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Synthesis and characterization of Ruthenium based composite materials for Supercapacitors	
Liu, Xing Yang	University of Western Ontario	Civil and Environmental Engineering	Ontario	CANADA	18/04/2008	5	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of aluminium matrix nanocomposites	
Liu, Yi	Dalhousie University	Civil and Resource Engineering	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Masonry load bearing walls subject to combined axial load and out-of-plane bending	
Liu, Zhaocheng	École de technologie supérieure	Génie mécanique	Québec	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Étude du comportement dynamique non-linéaire du système robotique flexible en opération de meulage	

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Lloyd, Natasha	University of Calgary	Biological Sciences	Alberta	CANADA	11/06/2008	2	\$30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Factors associated with the regulation and limitation of black-tailed prairie dog colony populations in Canada.	
Lo, Daniel	University of Calgary	Mechanical and Manufacturing Engineering	Alberta	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Statistical mechanical modelling of complex materials	
Lockhart, Richard	Simon Fraser University	Statistics and Actuarial Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$170,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bayes assisted model assessment	
Loeb, Stephen	University of Windsor	Chemistry and Biochemistry	Ontario	CANADA	18/04/2008	5	\$400,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional molecules and materials from rotaxanes	
Logrippo, Luigi	Université du Québec en Outaouais	Informatique et d'ingénierie	Québec	CANADA	16/06/2008	3	\$381,060	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Methods and tools for the design, validation, implementation, and testing of Security Policies	
Loiselle, Magalie	Université de Montréal	Psychologie	Québec	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Evaluation du traitement sémantique normal et pathologique des connaissances sur les personnes célèbres selon différentes modalités de présentation	
LoLordo, Vincent	Dalhousie University	Psychology	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	3	\$118,218	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Associative learning in animals	
Lolos, George	University of Regina	Physics	Saskatchewan	CANADA	16/05/2008	1	\$160,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	GlueX-Canada: The physics of confinement probed through gluonic	
Lombaert, Herve	École Polytechnique de Montréal	Génie informatique	Québec	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Fusion de séquences d'images cardiaques multimodales	
London, David	Université de Montréal	Physique	Québec	CANADA	18/04/2008	5	\$425,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Searching for physics beyond the standard model	
Longa, Patrick	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Efficient side-channel resistant elliptic curve arithmetic for implementation on portable devices	



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Longstaffe, James	University of Toronto	Chemistry	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Multi-Phase nuclear magnetic resonance spectroscopy of soils	
Loock, Hans-Peter	Queen's University	Chemistry	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Dynamics of photochemistry in water ice and development of active ring-down detection	
Loock, Hans-Peter	Queen's University	Chemistry	Ontario	CANADA	18/04/2008	5	\$340,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamics of photochemistry in water ice and development of active ring-down detection	
Lopes, Luiz	Concordia University	Electrical and Computer Engineering	Québec	CANADA	18/04/2008	5	\$95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design and operation of microgrids with high penetration of	
Loppnow, Glen	University of Alberta	Chemistry	Alberta	CANADA	18/04/2008	5	\$255,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nucleic acid excited-state structure and dynamics: fundamentals to applications	
Lord, Mélanie	Université du Québec à Montréal	Informatique	Québec	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Gestion collaborative d'information basée sur l'analyse de réseaux	
Lorin de la Grandmaison, Emmanuel	University of Ontario Institute of Technology	Science, Faculty of	Ontario	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mathematical and numerical methods for multi-scale laser-gas	
Lou, Edmond	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	An intelligent spinal orthosis	
Louden, Keith	Dalhousie University	Oceanography	Nova Scotia/ Nouvelle-Écosse	CANADA	06/05/2008	1	\$252,408	Discovery Grants Program - Ship Time/ Programme de subventions à la découverte - temps navire	Seismic and thermal measurements on the Nova Scotia slope	
Lounis, Hakim	Université du Québec à Montréal	Informatique	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Towards an automatic decision making system for software design and coding	
Love, James	University of Calgary	Environmental Design, Faculty of	Alberta	CANADA	18/04/2008	3	\$48,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ultraefficient building environmental control technology	
Lovegrove, Gordon	University of British Columbia	Okanagan - Engineering, School of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$101,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sustainable road safety engineering research program: community-based, macro-level collision prediction models	
Lowary, Todd	University of Alberta	Chemistry	Alberta	CANADA	18/04/2008	5	\$450,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthetic and biochemical studies of bacterial and plant glycans	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Lowenberger, Carl	Simon Fraser University	Biological Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Immune interactions between insects and parasites	
Lozowski, Edward	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	18/04/2008	5	\$183,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ice friction and ice accretion	
Lu, Jianguo	University of Windsor	Computer Science, School of	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Web service collection, searching and composition	
Lu, Xuewen	University of Calgary	Mathematics and Statistics	Alberta	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Semiparametric statistical methods for censored or missing data and their applications in survival analysis and other related areas	
Lu, Zhenguo	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	18/04/2008	3	\$49,701	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantum-dot semiconductor waveguide gain materials and their applications	
Lucas, Eric	Université du Québec à Montréal	Sciences biologiques	Québec	CANADA	18/04/2008	5	\$88,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Prédation intragilde et prédation furtive au sein d'une gilde	
Lucet, Yves	University of British Columbia	Okanagan - Psychology & Computer Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computer-aided convex analysis and optimization	
Lucotte, Marc	Université du Québec à Montréal	Sciences de l'environnement, Institut des	Québec	CANADA	18/04/2008	5	\$160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Terrigenous organic matter in aquatic systems: from the identification of specific compounds to the dynamics of complex environmental issues	
Luk, Grace	Ryerson University	Civil Engineering	Ontario	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cellulosic generation of ethanol from source- separated organic waste	
Luke, Graeme	McMaster University	Physics and Astronomy	Ontario	CANADA	18/04/2008	5	\$239,875	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Magnetic & electronic properties of quantum materials	
Lukens, Lewis	University of Guelph	Plant Agriculture (Guelph)	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Investigating the effects of heterosis and stress on the Zea mays epigenome	
Lukens, Lewis	University of Guelph	Plant Agriculture (Guelph)	Ontario	CANADA	18/04/2008	5	\$220,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigating the effects of heterosis and stress on the Zea mays epigenome	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Lukowiak, Ken	University of Calgary	Physiology and Biophysics	Alberta	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Individual variation in memory ability: differences between old- and new-world Lymnaea	
Lumsden, Joanna	University of New Brunswick	Computer Science, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigating innovative evaluation techniques for mobile technologies	
Lundberg, Joyce	Carleton University	Geography and Environmental Studies	Ontario	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Paleoclimate in the Caribbean: comparing the record of temperature, precipitation, and ENSO from late holocene and last glacial cave calcites	
Luo, Jingli	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	16/06/2008	3	\$128,400	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	SOFC operating on syngas using coated Ni foam as current collector	
Luska, Kylie	McGill University	Chemistry	Québec	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Transition metal nanoparticles stabilized by functionalized ionic liquids: A new green solvent-catalyst system	
Lussier, Daniel	University of Oxford	Engineering Science		UNITED KINGDOM/ ROYAUME- CANADA	16/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Nanodroplet Impact on Liquid Layers via Molecular Dynamics	
Lussier, Jacques	Université de Montréal	Biomédecine vétérinaire	Québec		18/04/2008	5	\$210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional genomics of follicular growth and ovulation	
Lutfiyya, Hanan	University of Western Ontario	Computer Science	Ontario	CANADA	18/04/2008	5	\$173,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Policy-based management systems for distributed systems	
Luyt, Leonard	University of Western Ontario	Chemistry	Ontario	CANADA	16/05/2008	3	\$197,080	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Development of GLP-1 receptor probes for imaging changes in beta cell mass	
Lvovsky, Alexander	University of Calgary	Physics and Astronomy	Alberta	CANADA	18/04/2008	1	\$145,037	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Magneto-optical trap for rubidium atoms	
Lynn, Denis	University of Guelph	Integrative Biology	Ontario	CANADA	18/04/2008	5	\$192,075	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Phylogeny and ecology of ciliated protozoa	
Lyons, Kelly	University of Toronto	Information Studies, Faculty of	Ontario	CANADA	24/06/2008	3	\$45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Tools and methods for modeling, managing, and implementing service systems	

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MacCaull, Wendy	St. Francis Xavier University	Mathematics, Statistics and Computing Sciences	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Verification and automated generation of adaptive workflows for complex and distributed processes	
Macchi, Arturo	University of Ottawa/ Université d'Ottawa	Chemical and Biological Engineering	Ontario	CANADA	18/04/2008	5	\$129,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Transport phenomena in high pressure gas-liquid-solid reactors	
MacDonald, Corinne	Dalhousie University	Industrial Engineering	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analysis and design of manufacturing control systems	
Macdonald, Margaret	University of Ottawa/ Université d'Ottawa	Psychology, School of	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Effects of varying temporal and spatial stimulus probability on the extent of distraction.	
MacDonald, Maureen	McMaster University	Kinesiology	Ontario	CANADA	18/04/2008	5	\$122,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulatory mechanisms of arterial compliance and endothelial function in humans	
Macdonald, Megan	University of Alberta	Biological Sciences	Alberta	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Innate Immune Detectors of Influenza in Ducks	
MacDonald, Patrick	University of Alberta	Pharmacology	Alberta	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ion channel function and exocytosis in pancreatic endocrine cells	
MacDougall-Shackleton, Scott	University of Western Ontario	Psychology	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Neural, behavioural, and physiological responses of birds to their social and physical environment	
MacDougall-Shackleton, Scott	University of Western Ontario	Psychology	Ontario	CANADA	18/04/2008	5	\$172,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neural, behavioural, and physiological responses of birds to their social and physical environment	
MacEachern, Leonard	Carleton University	Electronics	Ontario	CANADA	18/04/2008	5	\$87,710	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ultra-low-power integrated circuits	
MacFarlane, Andrew	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	1	\$45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The study of depth dependant phenomena in metamaterials by $\beta$ NMR	
Machel, Hans	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	18/04/2008	5	\$200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Burial diagenesis of carbonate rocks	
Maciel, Yvan	Université Laval	Génie mécanique	Québec	CANADA	18/04/2008	5	\$98,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Couche limite turbulente avec gradient de pression	



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MacInnis, Morgan	Dalhousie University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Exploring the reaction chemistry of late metal complexes featuring novel pincer ligands	
MacIntosh, Brian	University of Calgary	Kinesiology, Faculty of	Alberta	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Skeletal muscle force modulation: length dependent factors	
Mackay, Richard Jock	University of Waterloo	Statistics and Actuarial Science	Ontario	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical assessment of in-production measurement systems	
MacKenzie, Christine	Simon Fraser University	Kinesiology, School of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Human manipulation and remote manipulation	
Mackey, Michael	McGill University	Physiology	Québec	CANADA	18/04/2008	5	\$312,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamics in molecular and cellular control systems	
MacLatchy, Deborah	Wilfrid Laurier University	Biology	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Understanding endocrine disruptor effects in fish at various levels of biological organization	
MacLatchy, Deborah	Wilfrid Laurier University	Biology	Ontario	CANADA	18/04/2008	5	\$180,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Understanding endocrine disruptor effects in fish at various levels of biological organization	
MacLean, Brian	St. Francis Xavier University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	3	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthesis and applications of polymerizable building-block heterocycles and their metal complexes	
MacLean, Karon	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$180,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Low-attention and effective communication using haptic interfaces	
Macwan, Ashish	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	A Guidance- Based Approach to Autonomous Vehicle Docking	
Madden, John	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High energy density actuators	
Maddison, Wayne	University of British Columbia	Zoology	British Columbia/ Colombie-Britannique	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Phylogenetic analysis and spider evolution	
Maddison, Wayne	University of British Columbia	Zoology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$177,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Phylogenetic analysis and spider evolution	

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Mader, Marianne	Carleton University	Earth Sciences	Ontario	CANADA	14/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Integrated approach to geoscientific lunar exploration through Analogue Missions	
Madhavji, Nazim	University of Western Ontario	Computer Science	Ontario	CANADA	18/04/2008	5	\$126,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A program of empirical studies in requirements engineering and software architectures	
Maes, Marc	University of Calgary	Civil Engineering	Alberta	CANADA	18/04/2008	5	\$152,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Robustness in risk-based decision making for civil engineering systems	
Magen, Avner	University of Toronto	Computer Science	Ontario	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geometrical approaches to approximation algorithms: new avenues and analytical limitations	
Maggiore, Manfredi	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Set stabilization: theory and applications	
Mah, Thien-Fah	University of Ottawa/ Université d'Ottawa	Biochemistry, Microbiology and Immunology	Ontario	CANADA	18/04/2008	2	\$40,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Basic mechanisms of survival of biofilms in the environment	
Maherali, Hafiz	University of Guelph	Integrative Biology	Ontario	CANADA	18/04/2008	5	\$147,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The ecology and evolution of physiological adaptation in plants	
Mahinpey, Nader	University of Regina	Engineering, Faculty of	Saskatchewan	CANADA	18/04/2008	5	\$129,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Production and characterization of value-added products from biomass waste using pyrolysis and gasification	
Mailhot, Alain	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hydrologie urbaine, infrastructures urbaines et changements climatiques	
Major, Arkady	University of Manitoba	Electrical and Computer Engineering	Manitoba	CANADA	18/04/2008	5	\$114,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development and application of ultrafast optical tools for biophotonics and photonics	
Major, Arkady	University of Manitoba	Electrical and Computer Engineering	Manitoba	CANADA	18/04/2008	1	\$150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Research equipment for development of nonlinear laser microscopy and spectroscopy	
Majumdar, Shikharesh	Carleton University	Systems and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$149,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High performance distributed systems: resource management and middleware	



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Malac, Marek	University of Alberta	Physics	Alberta	CANADA	18/04/2008	3	\$39,252	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Physical principles of electron beam characterization at nanoscale	
Malakhov, Dmitri	McMaster University	Materials Science and Engineering	Ontario	CANADA	18/04/2008	5	\$105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Non-statistical thermodynamic optimization	
Maldonado, Maria	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$205,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Physiology and ecology of Fe and Cu in marine phytoplankton	
Maly, Monica	University of Western Ontario	Physical Therapy, School of	Ontario	CANADA	18/04/2008	5	\$108,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Motor performance and the influence of neuromuscular fatigue in knee	
Mandal, Saumendranath	University of Manitoba	Statistics	Manitoba	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Constrained optimization with applications in optimal design, adaptive design and statistical	
Mandelis, Andreas	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	16/05/2008	3	\$148,752	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Development of a sensitive noninvasive biothermophotonic device for blood glucose monitoring in diabetic patients	
Mandelis, Andreas	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	18/04/2008	5	\$265,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of advanced photoacoustic, photothermal and photocarrier techniques and biosensors for biomedical and optoelectronic diagnostics	
Manderville, Richard	University of Guelph	Chemistry	Ontario	CANADA	18/04/2008	5	\$300,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chemical and biochemical properties of C8-Aryl- Purine DNA adducts	
Mandic, Milica	University of British Columbia	Zoology	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	The interplay between plasticity and adaptation in hypoxia tolerance in fishes	
Mann, Daniel	University of Manitoba	Biosystems Engineering	Manitoba	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evaluation of semi- autonomous agricultural vehicles from a human factors perspective	
Mann, Ian	University of Alberta	Physics	Alberta	CANADA	18/04/2008	5	\$294,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The excitation, propagation, and role of ULF waves in	

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Mann, Rita	University of Hawaii at Manoa	Institute for Astronomy	Hawaii	UNITED STATES/ ÉTATS-UNIS	16/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	A Submillimeter Array Survey of Proyo-Planetary Disks in Orion	
Manson, Alan	University of Saskatchewan	Physics and Engineering Physics	Saskatchewan	CANADA	18/04/2008	3	\$147,249	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Middle atmosphere (15-100 km) coupling processes: radar observations and collaborations using networks, CANDAC-PEARL laboratory,	
Manwell, Laurie Ann	University of Guelph	Psychology	Ontario	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Analysis of the function of endocannabinoids in extinction of positive incentive learning in rats	
Mao, Zhiwei	Lakehead University	Electrical Engineering	Ontario	CANADA	18/04/2008	5	\$87,710	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Next generation wireless communications: cognitive radio and wireless sensor network	
Mar, Arthur	University of Alberta	Chemistry	Alberta	CANADA	18/04/2008	5	\$380,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Solid State Chemistry of Intermetallics compounds	
Maranger, Roxane	Université de Montréal	Sciences biologiques	Québec	CANADA	18/04/2008	5	\$78,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Factors controlling nitrogen cycling in freshwater ecosystems	
Marceau, Daniel	Université du Québec à Chicoutimi	Sciences appliquées	Québec	CANADA	16/06/2008	4	\$302,033	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Réduction de la résistance électrique des assemblages anodiques	
Marchand, Richard	University of Alberta	Physics	Alberta	CANADA	18/04/2008	5	\$98,165	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modelling of near earth plasma	
Marche, Claude	École Polytechnique de Montréal	Génies Civil, géologique et des mines	Québec	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	La prévention des ruptures de barrages retenant un lac artificiel	
Margrave, Gary	University of Calgary	Geoscience	Alberta	CANADA	18/04/2008	5	\$165,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	3D high-resolution seismic inversion	
Mark, Jon	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	18/04/2008	5	\$365,450	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Wireless communication networks: network interworking, and resource, mobility and traffic management	

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Marois, Marc-André	Université de Sherbrooke	Génie mécanique	Québec	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Optimisation du contrôle énergétique des procédés industriels d'extraction de l'aluminium	
Marriott, Paul	University of Waterloo	Statistics and Actuarial Science	Ontario	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geometric methods in statistics	
Marrone, Diano-Fabio	Wilfrid Laurier University	Psychology	Ontario	CANADA	18/04/2008	5	\$124,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Gene expression as a critical indicator of hippocampal function	
Marsan, Benoît	Université du Québec à Montréal	Chimie	Québec	CANADA	18/04/2008	5	\$165,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New electrode materials for the oxygen evolution/reduction reactions; solar cells based on novel solvent-free gel electrolytes	
Marshall, Daniel	Simon Fraser University	Earth Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modelling of complex hydrothermal ore-forming fluids in multi-episodic tectonic terranes	
Marshall, Murray	University of Saskatchewan	Mathematics and Statistics	Saskatchewan	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Positive polynomials and sums of squares	
Marshall, William	McGill University	Food Science and Agricultural Chemistry	Québec	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Remediation of soil burdened with excesses of hydrophobic organic contaminants (HOCs) and toxic trace metals (TMs)	
Martel, Richard	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	16/05/2008	2	\$300,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Impact de solutions tensioactives sur le rendement de technologies conventionnelles pour la remédiation d'aquifères contaminés par des hydrocarbures pétroliers	
Martin, Brent	University of Alberta	Physiology	Alberta	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Functional and Developmental Roles of Growth Hormone in the Mouse Eye	
Martin, Jeffery	University of Winnipeg	Physics	Manitoba	CANADA	18/04/2008	1	\$81,000	Subatomic Physics Envelope - Research Tools and Instruments/ Enveloppe de physique subatomique - Outils et instruments de recherche	Qweak compton electron detector: mechanical system and apares	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Martin, John	University of Toronto	Physics	Ontario	CANADA	16/05/2008	3	\$201,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	The Zeus experiment at HERA	
Martin, Jonathan	University of Alberta	Laboratory Medicine and Pathology	Alberta	CANADA	18/04/2008	2	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Separation and characterization of persistent organic acid mixtures in environmental samples	
Martin, Julien	Université de Sherbrooke	Biologie	Québec	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Les stratégies de reproduction des femelles ongulées	
Martin, Melanie	University of Winnipeg	Physics	Manitoba	CANADA	18/04/2008	3	\$64,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Magnetic resonance microscopy	
Martin, Nancy	Queen's University	Microbiology and Immunology	Ontario	CANADA	18/04/2008	5	\$200,505	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional characterization of Salmonella enterica RdoA, a Cpx-regulated kinase	
Martin, Paul	Queen's University	Biology	Ontario	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Origins and maintenance of diversity	
Martin, Peter	University of Toronto	Cdn Inst. for Theoretical Astrophys	Ontario	CANADA	18/04/2008	5	\$343,580	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolution of the interstellar medium: wispy cirrus, clumpy molecular clouds, star formation, disruption	
Martindale, Rowan	University of Southern California	Earth Sciences	California/ Californie	UNITED STATES/ ÉTATS-UNIS	07/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Investigating paleoecological patterns of reef death and possible causes for the end-Triassic mass extinction.	
Martins, Joaquim	University of Toronto	Aerospace Studies, Institute for	Ontario	CANADA	18/04/2008	5	\$105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High-fidelity aircraft design optimization for minimal environmental	
Martynenko, Oleksiy	Nova Scotia Agricultural College	Engineering	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multi-spectral imaging of food quality in thermal processing	
Martz, Lawrence	University of Saskatchewan	Geography	Saskatchewan	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hydrological thresholds in depression storage and contributing area for low- relief landscapes	
Marzlin, Karl-Peter	University of Calgary	Physics and Astronomy	Alberta	CANADA	18/04/2008	3	\$63,690	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantum information processing with photons	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Masse, Jean-Claude	Université Laval	Mathématiques et statistique	Québec	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quelques applications des fonctions profondeurs à l'estimation de la localisation et de la	
Massicotte, Daniel	Université du Québec à Trois-Rivières	Génie électrique	Québec	CANADA	18/04/2008	5	\$126,690	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Métaheuristiques pour le traitement des signaux à précision finie en communication	
Massicotte, Guy	Université du Québec à Trois-Rivières	Chimie-biologie	Québec	CANADA	18/04/2008	5	\$331,510	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Phospholipases A2, plasticité synaptique et vulnérabilité neuronale	
Masson, Jean-François	Université de Montréal	Chimie	Québec	CANADA	18/04/2008	3	\$128,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of scanning probe surface plasmon resonance microscopy	
Master, Emma	University of Toronto	Chemical Engineering and Applied Chemistry	Ontario	CANADA	18/04/2008	4	\$92,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Engineering biocatalysts for the development of Novel materials from lignocellulosic biomass	
Mathieu, Pierre	Université Laval	Physique, génie physique et optique	Québec	CANADA	18/04/2008	5	\$225,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Conformal field theory and integrable systems	
Matthews, Jaymie	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$269,955	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stellar seismology and exoplanetary astrophysics in the space age	
Mauffette, Yves	Université du Québec à Montréal	Sciences biologiques	Québec	CANADA	18/04/2008	2	\$30,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Foraging strategies of the forest tent caterpillar	
Mauzeroll, Janine	Université du Québec à Montréal	Chimie	Québec	CANADA	18/04/2008	2	\$72,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Scanning electrochemical microscopy studies of cells: transport, viability and communication	
Mavinic, Donald	University of British Columbia	Civil Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$360,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	a) Treatment of high nitrogen wastes; b) water quality and disinfection by-product studies; c) thermophilic wastewater sludge treatment; d) phosphorus & nitrogen removal and recovery technology	
Mawhinney, Robert	Lakehead University	Chemistry	Ontario	CANADA	18/04/2008	3	\$66,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure, bonding and reactivity in alkyne analogs	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Maxwell, Denis	University of Western Ontario	Biology	Ontario	CANADA	18/04/2008	2	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The role of the mitochondrion in intracellular stress sensing and signaling in plants	
Mayer, Ulrich	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Gas and solute reactive transport in variably saturated porous media	
Mayorga, Rene	University of Regina	Engineering, Faculty of	Saskatchewan	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A framework for the intelligent motion planning of robot manipulators	
Mazumder, Asit	University of Victoria	Biology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$201,925	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nutrient-foodweb dynamics of juvenile Pacific salmon in freshwater and marine	
Mazzotti, Stéphane	University of Victoria	Earth and Ocean Sciences, School of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geodetic analysis of crustal deformation, active tectonics and sea-level rise hazards in Western Canada	
McAllister, Murdoch	University of British Columbia	Fisheries Centre	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$108,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Enhancing the predictive power of population dynamics models for highly migratory fish species with the use of data from advanced survey technologies	
McBride, Raymond	University of Guelph	Land Resource Science	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Pedotechnological characterization of Ontario soils	
McCalla, Gordon	University of Saskatchewan	Computer Science	Saskatchewan	CANADA	18/04/2008	5	\$235,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ecological and social software to support human learning	
McCann, Robert	University of Toronto	Mathematics	Ontario	CANADA	16/06/2008	4	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Optimal transportation: geometry and dynamics	
McCann, Robert	University of Toronto	Mathematics	Ontario	CANADA	18/04/2008	5	\$210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optimal transportation: geometry and dynamics	
McCarry, Brian	McMaster University	Chemistry	Ontario	CANADA	18/04/2008	5	\$170,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evaluation of complex environmental matrices using bioassay-directed metabolomics	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
McClure, Ghyslaine	McGill University	Civil Engineering and Applied Mechanics	Québec	CANADA	18/04/2008	5	\$137,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Security of essential infrastructure: overhead transmission lines, telecommunication structures and post-critical buildings	
McConkey, Brendan	University of Waterloo	Biology	Ontario	CANADA	18/04/2008	5	\$200,505	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Surface feature characterization and expression analysis of protein interactions	
McCormick, John	University of Western Ontario	Microbiology and Immunology	Ontario	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional genomics methodology for the study of environmental sensing in streptococci	
McDermid, Joseph	McMaster University	Mechanical Engineering	Ontario	CANADA	18/04/2008	2	\$126,640	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Galvanizing of martensitic steel	
McDermid, Joseph	McMaster University	Mechanical Engineering	Ontario	CANADA	18/04/2008	5	\$112,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Metallic coating microstructural evolution	
McDonald, André Garcia	University of Alberta	Mechanical Engineering	Alberta	CANADA	18/04/2008	5	\$104,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Determination and application of material properties of thermal-sprayed coatings	
McFee, Steve	McGill University	Electrical and Computer Engineering	Québec	CANADA	18/04/2008	5	\$131,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Meshless adaptive finite element and boundary element methods for electromagnetic system modelling and simulation in parallel computing environments	
McGeer, James	Wilfrid Laurier University	Biology	Ontario	CANADA	18/04/2008	5	\$158,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Linking physiological mechanisms and the chronic impacts of bioaccumulated metals in	
McGilvray, Katherine	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Photochemical Strategies for Nanomaterial Syntheses	
McGregor, Andrea	University of Alberta	Renewable Resources	Alberta	CANADA	14/05/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Foraging efficacy and replacement of top piscivorous predators in aquatic food webs	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
McGuffin, Michael	École de technologie supérieure	Génie logiciel et des TI	Québec	CANADA	18/04/2008	5	\$88,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interaction techniques for rapid navigation and reconfiguration of visualizations	
McGuigan, Claire	University of Alberta	Laboratory Medicine and Pathology	Alberta	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Novel toxic byproducts of drinking water disinfection	
McGuinness, Sean	Thompson Rivers University	Mathematics and Statistics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$40,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cycles in graphs and problems related to matroids	
Mellroy, Duncan	Memorial University of Newfoundland	Earth Sciences	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	5	\$185,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mudstone ichnofabrics, shale-gas reservoirs and palaeoenvironmental analysis	
McIlroy, William	University of Waterloo	Applied Health Sciences, Faculty of	Ontario	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Central nervous system control of dynamic stability	
McInerney, Timothy	Ryerson University	Computer Science	Ontario	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interactive visual analysis of multidimensional medical data	
McIntosh, Christopher	Simon Fraser University	Computing Science	British Columbia/ Colombie-Britannique	CANADA	14/05/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Adaptive energy functionals for robust image segmentation	
McIntosh, Lawrence	University of British Columbia	Biochemistry and Molecular Biology	British Columbia/ Colombie-Britannique	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Glycosidases and glycosyl transferases: Electrostatics and dynamics in catalysis	
McKellar, Jennifer	University of Toronto	Civil Engineering	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Alternative Energy Systems for the Alberta Oil	
McKelvie, Jennifer	University of Toronto	Physical & Environmental Sciences (Scarborough College)	Ontario	CANADA	04/06/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Development of a direct measure for containment bioavailability and toxicity in soils	
McKenna, Timothy	Queen's University	Chemical Engineering	Ontario	CANADA	18/04/2008	4	\$134,720	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Innovation in the manufacturing of polymers	
McKenzie, Charles	University of Western Ontario	Medical Biophysics	Ontario	CANADA	18/04/2008	5	\$107,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of hardware and software for highly parallel abdominal magnetic resonance	
McLaughlin, Robert	University of Guelph	Integrative Biology	Ontario	CANADA	18/04/2008	5	\$98,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The biology of personality in wild animals	

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McLenaghan, Raymond	University of Waterloo	Applied Mathematics	Ontario	CANADA	18/04/2008	3	\$54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of differential geometrical methods in mathematical physics	
McMullen, Patricia	Dalhousie University	Psychology	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$109,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Object recognition and action	
McNicholas, Paul	University of Guelph	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Topics on model-based clustering	
McPhedran, Kerry	University of Windsor	Civil and Environmental Engineering	Ontario	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Partitioning of contaminants of concern (COCs) during the sewage treatment process.	
Meagher, Karen	University of Regina	Mathematics and Statistics	Saskatchewan	CANADA	24/06/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applications of algebraic combinatorics to design theory and extremal set- partition theory	
Meaney, Michael	McGill University	Psychiatry	Québec	CANADA	18/04/2008	5	\$289,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Maternal care and hippocampal function	
Mearow, Karen	Memorial University of Newfoundland	Medicine, Faculty of	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	5	\$171,860	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanisms of action of Hsp27 and stress activated signaling	
Meckling-Gill, Kelly	University of Guelph	Human Health and Nutritional Sciences	Ontario	CANADA	18/04/2008	5	\$229,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of cell fate by hormones and nutrients	
Medraj, Mamoun	Concordia University	Mechanical and Industrial Engineering	Québec	CANADA	18/04/2008	5	\$110,700	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Thermodynamic modeling and experimental investigation of glass- forming magnesium alloys	
Meguid, Shaker	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	18/04/2008	5	\$190,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multiscale modelling and characterisation of nanoreinforced composite laminates	
Mehes, Melanie	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Biology	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Detection and physical mapping of 18S-5.8-26S rDNA and species-specific SCAR markers derived from RAPD and ISSR markers in Pinus monticola and Pinus strobus	



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Mehrkhodavandi, Parisa	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$111,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Catalyst for controlled formation of biodegradable polyesters: further insights in lactide polymerization and CO/epoxide copolymerization	
Mei, Ming	McGill University	Mathematics and Statistics	Québec	CANADA	18/04/2008	3	\$42,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Phase transitions and partial differential equations of mixed types	
Meinertzhagen, Ian	Dalhousie University	Psychology	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	1	\$150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Equipment for electron microscope image capture	
Meissner, Katrin	University of Victoria	Earth and Ocean Sciences, School of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Abrupt climate change: the role of biogeochemical cycles	
Melchin, Michael	St. Francis Xavier University	Earth Sciences	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Graptolite biodiversity history, paleoenvironmental cycles, chronostratigraphy of the silurian period, and phylogeny of paleozoic	
Melko, Roger	University of Waterloo	Physics and Astronomy	Ontario	CANADA	18/04/2008	5	\$152,645	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational studies of strongly-correlated quantum matter	
Mellway, Robin	University of Victoria	Biology	British Columbia/ Colombie-Britannique	CANADA	14/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Metabolic engineering of flavonoid metabolism	
Menard, Janet	Queen's University	Psychology	Ontario	CANADA	18/04/2008	5	\$114,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Lateral septo-hypothalamic regulation of behavioral defense in the rat	
Mendola, Janine	McGill University	Ophthalmology	Québec	CANADA	18/04/2008	5	\$129,810	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	FMRI studies of human binocular vision and stimulus selection	
Menezes, Amor	University of Michigan	Aerospace Engineering	Michigan	UNITED STATES/	07/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Self-Reproducing Systems: Theory and Application	
Meng, Baozhong	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	18/04/2008	5	\$155,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular mechanisms governing the replication and transport of grapevine rupestris stem pitting- associated virus	
Menon, Carlo	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analysis and development of bio-inspired climbing robotic mechanism	



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Mequanint, Kibret	University of Western Ontario	Chemical and Biochemical Engineering	Ontario	CANADA	18/04/2008	5	\$110,700	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthesis and biofunctionalization of degradable ester-amide biomaterials for tissue engineering applications	
Mercier, Annie	Memorial University of Newfoundland	Ocean Sciences Centre	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	18/04/2008	5	\$83,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Control of reproduction in benthic marine invertebrates	
Mercier, Catherine	Université Laval	Réadaptation (physiothérapie, ergothérapie)	Québec	CANADA	18/04/2008	3	\$59,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Comparison of cortical mapping rehabilitation procedures for the measurement of motor plasticity in the human	
Mercier, Guy	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Traitement et valorisation de sols et résidus contenant des métaux et/ou des hydrocarbures aromatiques polycycliques	
Mercier, Joffre	Brock University	Biological Sciences	Ontario	CANADA	18/04/2008	5	\$195,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neuropeptides, synaptic modulation and behavior in arthropods	
Mérida, Walter	University of British Columbia	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$143,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fuel cell durability and reliability	
Merrifield, Peter	University of Western Ontario	Anatomy and Cell Biology	Ontario	CANADA	18/04/2008	3	\$84,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cellular and molecular basis of muscle fibre development	
Merrill, Rodney	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	18/04/2008	5	\$286,435	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Membrane biophysical studies of the colicin E1 channel	
Merschrod, Erika	Memorial University of Newfoundland	Chemistry	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	18/04/2008	1	\$25,020	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Protein mineralization: understanding the role of small molecules	
Mesfioui, Mhamed	Université du Québec à Trois-Rivières	Mathématiques et informatique	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mesures de dépendance discrètes multidimensionnelles, valeur à risque multivariée et estimation non paramétrique de densité et de fonction de hasard	
Messier, Christian	Université du Québec à Montréal	Sciences biologiques	Québec	CANADA	18/04/2008	5	\$185,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modeling tree and forest functional and structural complexity	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Messier, Claude	University of Ottawa/ Université d'Ottawa	Psychology, School of	Ontario	CANADA	18/04/2008	5	\$199,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Brain plasticity: metabolic aspects	
Metsala, Jamie	Mount Saint Vincent University	Education, Faculty of	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of spoken word recognition and phoneme awareness in young children	
Meunier, Jean	Université de Montréal	Informatique et recherche opérationnelle	Québec	CANADA	18/04/2008	5	\$225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Healthcare video surveillance: toward automated monitoring systems	
Meunier, Michel	École Polytechnique de Montréal	Génie physique	Québec	CANADA	18/04/2008	5	\$261,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ultrafast laser induced processes in materials and nanomaterials	
Meunier, Michel	École Polytechnique de Montréal	Génie physique	Québec	CANADA	18/04/2008	1	\$136,200	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Temporal pulse tailoring systems for ultrafast laser induced processes in condensed matter	
Mewhort, Douglas	Queen's University	Psychology	Ontario	CANADA	18/04/2008	5	\$174,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Memory and the use of knowledge	
Mi, Zetian	McGill University	Electrical and Computer Engineering	Québec	CANADA	18/04/2008	5	\$131,560	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Antimony-based self- organized quantum dots: epitaxial growth, characterization, and photonics at the nanoscale	
Miao, Tianxuan	Lakehead University	Mathematical Sciences, School of	Ontario	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Amenable locally compact groups and $A_p(G)$	
Michaelis, Vladimir	University of Manitoba	Chemistry	Manitoba	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Solid state nuclear magnetic resonance studies of terany borosilicate glass	
Michalowski, Wojtek	University of Ottawa/ Université d'Ottawa	Management, School of	Ontario	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design of meta-DSS to support the decision- making process: supporting activities on a clinical pathway in the emergency department	
Michaud, Georges	Université de Montréal	Physique	Québec	CANADA	18/04/2008	3	\$117,798	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Évolution stellaire et processus hydrodynamiques de transport	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Michener, Gail	University of Lethbridge	Biological Sciences	Alberta	CANADA	18/04/2008	5	\$88,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Kinship, paternity, and life history of Richardson's ground squirrels	
Mideo, Nicole	Queen's University	Biology	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Virulence evolution in malaria and its implications for public	
Migneault, Sébastien	Université Laval	Sciences du bois et de la forêt	Québec	CANADA	23/04/2008	2	\$27,000	Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat	Utilisation de boues papetières pour la fabrication de panneaux de fibres	
Mikkelsen, Susan	University of Waterloo	Chemistry	Ontario	CANADA	18/04/2008	2	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Electrochemical bioassays and biosensors	
Miller, Renée	University of Toronto	Computer Science	Ontario	CANADA	18/04/2008	2	\$117,176	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Supporting data privacy through fine-grain access control	
Miller, Renée	University of Toronto	Computer Science	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Data integration and alignment	
Miller, Renée	University of Toronto	Computer Science	Ontario	CANADA	18/04/2008	5	\$240,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Data integration and alignment	
Mills, James	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Micro-scale robotic task control and automation	
Milman, Pierre	University of Toronto	Mathematics	Ontario	CANADA	18/04/2008	5	\$210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analysis on and geometry of singular spaces towards a geometric	
Milne, Glenn	University of Ottawa/ Université d'Ottawa	Earth Sciences	Ontario	CANADA	24/06/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ice age geodynamics	
Milner, Joseph	University of Toronto	Management, School of	Ontario	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Research in supply chains and the service sector	
Mims, Charles	University of Toronto	Chemical Engineering and Applied Chemistry	Ontario	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The study of surface reactions under dynamic conditions	
Mineau, Pierre	Carleton University	Biology	Ontario	CANADA	18/04/2008	5	\$90,130	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Productivity, insect food and pesticide effects on farmland birds breeding in field margins	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Mingo, James	Queen's University	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Flunctuations of random matrices and second order freeness	
Miri, Ali	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	18/04/2008	5	\$113,535	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Secure distributed information systems	
Misra, Arun	McGill University	Mechanical Engineering	Québec	CANADA	18/04/2008	5	\$180,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamics and control of satellites and aerospace structures	
Missaoui, Rokia	Université du Québec en Outaouais	Informatique et d'ingénierie	Québec	CANADA	18/04/2008	5	\$155,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Pattern discovery and management	
Mitchell, Denis	McGill University	Civil Engineering and Applied Mechanics	Québec	CANADA	18/04/2008	5	\$360,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evaluation and rehabilitation of critical concrete infrastructure	
Mitchell, Derek	University of Western Ontario	Anatomy and Cell Biology	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The functional neuroanatomy of emotional representation, integration, and control	
Mitchell, Gabriel	Université de Sherbrooke	Biologie	Québec	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Contribution du régulon Sigma B à l'adhérence cellulaire et à la persistance intracellulaire de variants de Staphylococcus aureus formant de petits colonies lors d'infections chroniques	
Mitchell, Stephen	University of British Columbia	Forest Sciences Centre	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$114,550	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Drag and resistance in mangroves	
Mitran, Patrick	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	18/04/2008	5	\$131,560	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Performance limits and practical methods in wireless networks	
Modersitzki, Jan	McMaster University	Computing and Software	Ontario	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Constrained imaged registration	
Moens, Peter	York University	Biology	Ontario	CANADA	18/04/2008	5	\$250,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation & function of proteins at prophase of meiosis	
Moez, Kambiz	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	18/04/2008	5	\$107,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of millimeter-wave CMOS transceivers for gigabit wireless personal area networks	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Moffitt, Matthew	University of Victoria	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$255,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional hierarchical assemblies of block copolymer-stabilized nanoparticles	
Moghadas, Seyed	University of Winnipeg	Mathematics and Statistics	Manitoba	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Epidemiological models with the inclusion of within- host viral dynamics	
Mohamed Ismail, Mohamed Wahab	Ryerson University	Mechanical and Industrial Engineering	Ontario	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Real options and risk hedging in a global supply chain	
Mohamedelhassan, Eltayeb	Lakehead University	Civil Engineering	Ontario	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrated Solar Electrochemical Remediation of Soil and Energy Optimization in Pump Operations Using Novel Multi-objective Evolutionary Algorithms	
Mohammed, Dhafar	McMaster University	Mechanical Engineering	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Topological and algebraic graph theory	
Mohar, Bojan	Simon Fraser University	Mathematics	British Columbia/ Colombie-Britannique	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Topological and algebraic graph theory	
Mohar, Bojan	Simon Fraser University	Mathematics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Rhodococcal steroid catabolism and responses to environmental stresses	
Mohn, William	University of British Columbia	Microbiology and Immunology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$229,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Predictive computational methods and experimental studies for the discovery of carbohydrate-based catalysts	
Moitessier, Nicolas	McGill University	Chemistry	Québec	CANADA	18/04/2008	3	\$81,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A new grafted polyester-co- ether to improve bioavailability of drugs administrated by oral route	
Mokhtar, Mohamed	Université de Montréal	Pharmacie, faculté de	Québec	CANADA	23/04/2008	3	\$27,000	Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat	Spectroscopy and dynamics of molecules at very low temperatures	
Momose, Takamasa	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$375,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fungal diversity in eastern Canada forests; biogeography and taxonomy of selected	
Moncalvo, Jean-Marc	University of Toronto	Ecology and Evolutionary Biology	Ontario	CANADA	18/04/2008	5	\$108,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles		

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Mondor, Todd	University of Manitoba	Psychology	Manitoba	CANADA	18/04/2008	5	\$143,665	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Auditory perception & action	
Mongrain, Rosaire	McGill University	Mechanical Engineering	Québec	CANADA	18/04/2008	5	\$160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of biomechanical models to support the design of endovascular protheses	
Montaut, Sabine	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Chemistry and Biochemistry	Ontario	CANADA	18/04/2008	2	\$40,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cancer chemopreventive products and antioxidants from glucosinolate- containing plants	
Montgomerie, Robert	Queen's University	Biology	Ontario	CANADA	18/04/2008	5	\$344,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sexual selection and speciation: from gametes to ornaments	
Montreuil, Benoit	Université Laval	Opérations et systèmes de décision	Québec	CANADA	18/04/2008	5	\$225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Supply network innovation process	
Moodie, Bryant	University of Alberta	Mathematical and Statistical Sciences	Alberta	CANADA	18/04/2008	3	\$36,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modelling gravity driven flows in the environment	
Moody, Robert	University of Victoria	Mathematics and Statistics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Aperiodic order	
Mooers, Arne	Simon Fraser University	Biological Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$233,940	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applying evolutionary theory to biodiversity studies	
Moores, Audrey	McGill University	Chemistry	Québec	CANADA	18/04/2008	3	\$90,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Homogeneous/heterogeneo us approach to catalysis using nanoparticles	
Moorhead, Gregory	University of Calgary	Biological Sciences	Alberta	CANADA	18/04/2008	5	\$275,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The protein phosphatases of arabidopsis thaliana: bioinformatics, biochemistry and function	
Morales, Manuel	Université de Montréal	Mathématiques et de statistique	Québec	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Some aspects of the interplay between insurance and financial	
Moraru, Ruxandra	University of Waterloo	Pure Mathematics	Ontario	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Moduli spaces of sheaves	
Morbey, Yolanda	University of Western Ontario	Biology	Ontario	CANADA	18/04/2008	5	\$128,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The evolutionary ecology of reproductive timing and rapid senescence in pacific salmon	





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Moreau, Robert	Université du Québec à Montréal	Sciences biologiques	Québec	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Études des fonctions des canaux cationiques TRP dans les cellules ostéoblastiques	
Moreno Maza, Marc	University of Western Ontario	Computer Science	Ontario	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High performance computer algebra and applications	
Mori, Gregory	Simon Fraser University	Computing Science	British Columbia/ Colombie-Britannique	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Recognizing human figures and actions	
Mori, Gregory	Simon Fraser University	Computing Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Recognizing human figures and actions	
Morin, Antoine	University of Ottawa/ Université d'Ottawa	Biology	Ontario	CANADA	18/04/2008	5	\$93,575	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure and function of urban stream ecosystems	
Morin, Evelyn	Queen's University	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Predicting kinetic outcomes from limb kinematics and muscle	
Morin, Gregg	University of British Columbia	Medical Genetics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulatory mechanisms controlling alternative splicing	
Morin, Patrick	Carleton University	Computer Science, School of	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Algorithms for robust multivariate statistics	
Morin, Patrick	Carleton University	Computer Science, School of	Ontario	CANADA	18/04/2008	5	\$130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algorithms for robust multivariate statistics	
Morozov, Igor	University of Saskatchewan	Geological Sciences	Saskatchewan	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fundamental and applied seismology at UofS	
Morris, Robert	University of Toronto	Chemistry	Ontario	CANADA	18/04/2008	5	\$500,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Transition metal chemistry and catalysis	
Morris, Stephen	University of Toronto	Physics	Ontario	CANADA	18/04/2008	5	\$239,875	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Pattern formation in nonequilibrium systems	
Morrison, Aiden	University of Calgary	Geomatics Engineering	Alberta	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Development of advanced tracking methods for ionospheric scintillation resistant satellite	



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Morrison, James	Massachusetts Institute of Technology	Chemistry	Massachusetts	UNITED STATES/ ÉTATS-UNIS	14/05/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Directed Evolution of Bacterial Oligosaccharyltransferase to Accept Eukaryotic Glycan Donors	
Morse, Brian	Université Laval	Génie civil	Québec	CANADA	18/04/2008	5	\$105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	River ice processes on the St. Lawrence river	
Morse, David	Université de Montréal	Sciences biologiques	Québec	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Molecular chronobiology in dinoflagellates	
Morse, David	Université de Montréal	Sciences biologiques	Québec	CANADA	18/04/2008	5	\$401,010	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular chronobiology in dinoflagellates	
Mortensen, James (Jim)	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Tectonics and metallogeny of continental margins	
Morton, Bruce	University of Western Ontario	Psychology	Ontario	CANADA	18/04/2008	5	\$114,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The role of active memory in the development of cognitive control.	
Mosca, Michele	University of Waterloo	Combinatorics and Optimization	Ontario	CANADA	18/04/2008	5	\$205,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantum computing and cryptography	
Moscovitch, Morris	University of Toronto	Psychology (Toronto)	Ontario	CANADA	18/04/2008	5	\$379,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Memory, face-recognition and attention in young and old adults	
Moser, Katrina	University of Western Ontario	Geography	Ontario	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Changing water quality and quantity: impacts of human activities on water resources in Western North	
Moses, Alan	University of Toronto	Cell and Systems Biology	Ontario	CANADA	18/04/2008	5	\$117,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolution of regulatory sequences and systems	
Mosey, Nicholas	Queen's University	Chemistry	Ontario	CANADA	16/05/2008	3	\$146,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development and application of multiscale simulation methods for complex chemical and material systems	
Motz, Erin	University of Calgary	Civil Engineering	Alberta	CANADA	14/05/2008	2	\$30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	At- Grade Tertiary Treatment of Wastewater from a Midsize Wastewater Treatment Plant	

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Mou, Weimin	University of Alberta	Psychology	Alberta	CANADA	18/04/2008	5	\$77,455	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Human spatial memory and navigation	
Mourez, Michael	Université de Montréal	Pathologie et microbiologie	Québec	CANADA	18/04/2008	5	\$185,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Protein glycosyltransferases of escherichia coli	
Mousavi, Payam	Simon Fraser University	Physics	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	2	\$30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Terahertz Time Domain Spectroscopy of paper	
Mowat, Jeffrey	Simon Fraser University	Chemistry	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Studies toward the total synthesis of eleutherobin and related analogues for cancer therapy	
Mucci, Alfonso	McGill University	Earth and Planetary Sciences	Québec	CANADA	18/04/2008	5	\$275,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Experimental carbonate geochemistry and diagenesis	
Mullen, Robert	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Peroxisome membrane protein trafficking and the formation of peroxisomal multivesicular bodies	
Mullen, Robert	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	18/04/2008	5	\$295,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Peroxisome membrane protein trafficking and the formation of peroxisomal multivesicular bodies	
Müller, Jens	University of Saskatchewan	Chemistry	Saskatchewan	CANADA	18/04/2008	5	\$230,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Strained and unstrained metallacyclophanes and reactive intermediates	
Munykwa, Kennedy	Athabasca University	Science, Centre for	Alberta	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Late Wisconsinan and holocene depositional chronologies of aeolian sands in central and northern Alberta: implications for deglaciation patterns and environmental evolution	
Munzner, Tamara	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Building and evaluating information visualization systems	
Murdoch, Duncan	University of Western Ontario	Statistical and Actuarial Sciences	Ontario	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computer intensive statistical methods	
Murphy, Bruce	Université de Montréal	Médecine vétérinaire, faculté de	Québec	CANADA	18/04/2008	5	\$380,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Delayed implantation and seasonal breeding	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Murphy, Jennifer	University of Toronto	Chemistry	Ontario	CANADA	18/04/2008	3	\$109,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Observations of atmospheric reactive nitrogen	
Murphy, Kathryn	McMaster University	Psychology, Neuroscience & Behaviour	Ontario	CANADA	18/04/2008	5	\$144,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Visual experience- dependant cortical development	
Murphy, Kevin	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Machine learning methods for inferring and analysing network structures	
Murphy, Timothy	Brock University	Psychology	Ontario	CANADA	18/04/2008	2	\$30,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Effects of cortical arousal changes due to sleepiness, alcohol & coffeine on EEG/ERP measures of performance and brain function	
Murray, Alison	University of Alberta	Biological Sciences	Alberta	CANADA	18/04/2008	5	\$95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Systematics and biogeography of fossil and living teleost fishes	
Murray, Daniel	University of British Columbia	Okanagan - Irving K Barber School of Arts & Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$87,225	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Acoustic phonons in nanostructures	
Murray, Dennis	Trent University	Biology	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Assessment of mechanisms underlying range limit determinants in terrestrial carnivores	
Murray, Dennis	Trent University	Biology	Ontario	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Assessment of mechanisms underlying range limit determinants in terrestrial carnivores	
Murty, Vijayakumar	University of Toronto	Mathematics	Ontario	CANADA	18/04/2008	5	\$170,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Arithmetic algebraic geometry	
Musallam, Wissam	McGill University	Electrical and Computer Engineering	Québec	CANADA	18/04/2008	5	\$146,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The creation of implants for brain machine interfaces	
Musheev, Michael	York University	Biology	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Discovery of new cell type specific biomarkers using "artificial antibodies" - Aptamers	
Musselman, Kevin	University of Cambridge	Materials Science & Metallurgy		UNITED KINGDOM/	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Nanostructured materials for hybrid solar cells	
Mustard, Peter	Simon Fraser University	Earth Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Canadian cordillera sedimentary basin studies	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Mydlarski, Laurent	McGill University	Mechanical Engineering	Québec	CANADA	18/04/2008	5	\$163,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mixing in turbulent flows	
Mysak, Lawrence	McGill University	Atmospheric and Oceanic Sciences	Québec	CANADA	18/04/2008	5	\$370,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ocean, climate, and paleoclimate dynamics	
Nabifar, Afsaneh	University of Waterloo	Chemical Engineering	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Bayesian design of experiments applied to complex multicomponent polymerizations	
Nadeau, Daniel	Université de Montréal	Physique	Québec	CANADA	18/04/2008	5	\$220,875	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Astronomie infrarouge des objets de masse sous- stellaire	
Nadeau, Jay	McGill University	Biomedical Engineering	Québec	CANADA	18/04/2008	5	\$100,310	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Energy and electron transfer between quantum dots and biomolecules	
Nafi, Abdelhak	École Polytechnique de Montréal	Génie mécanique	Québec	CANADA	23/04/2008	3	\$27,000	Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat	Méthode in-situ de siagnostique du système de palpage articulé des machines à mesurer tridimensionnelle	
Nagy, Andras	University of Toronto	Molecular Genetics	Ontario	CANADA	18/04/2008	3	\$66,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A novel method for high- throughput, high level production of recombinant proteins in stably transfected mammalian cells without the need to screen colonies	
Nait Ajjou, Abdelaziz	Université de Moncton	Chimie et biochimie	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	3	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Application des matériaux avancés en catalyse hétérogène	
Nambara, Eiji	University of Toronto	Cell and Systems Biology	Ontario	CANADA	18/04/2008	5	\$180,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Elucidating the machanisms by which control abscisic acid levels	
Nargang, Frank	University of Alberta	Biological Sciences	Alberta	CANADA	18/04/2008	5	\$285,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Alternative oxidase in Neurospora crassa	
Nashmi, Raad	University of Victoria	Biology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nicotinic regulation of neurotransmission in the CNS	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Nassar, Raymond	University of Toronto	Physics	Ontario	CANADA	04/06/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Inverse modelling of global carbon dioxide sources and sinks using satellite and ground-based measurements	
Nault, Barrie	University of Calgary	Haskayne School of Business	Alberta	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Group/ Programme de subventions à la découverte - équipe	The impact of information sharing on supply chain operations	
Nayak, Amiya	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	18/04/2008	5	\$121,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design of fault-tolerant systems/networks and applications	
Nayak, Ashwin	University of Waterloo	Combinatorics and Optimization	Ontario	CANADA	18/04/2008	5	\$167,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Efficient quantum algorithms and protocols	
Naylor, David	University of Lethbridge	Physics	Alberta	CANADA	18/04/2008	3	\$132,525	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Astronomical imaging spectroscopy at far infrared wavelengths	
Nazar, Linda	University of Waterloo	Chemistry	Ontario	CANADA	16/06/2008	3	\$288,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Phosphate-based cathode materials for Li-ion batteries	
Nazemifard, Neda	University of Alberta	Mechanical Engineering	Alberta	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Kinetics of DNA Molecules Confined in a Nanofluidic Sieve under Pulsed Electric field	
Nazzarisedeh, Hamed	University of British Columbia	Cellular and Physiological Sciences	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Examining the role of N-linked glycosylation on the cell surface trafficking/function among HCN channel isoforms	
Neale, Adam	Concordia University	Engineering and Computer Science, Faculty of	Québec	CANADA	11/06/2008	3	\$45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Modeling and experimental determination of surface coefficients	
Neary, John	University of Regina	Kinesiology and Health Studies, Faculty of	Saskatchewan	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Factors influencing central and peripheral fatigue	
Nedelcu, Aurora	University of New Brunswick	Biology (Fredericton)	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$88,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The genetic basis for the evolution of altruism during the transition to multicellularity	
Nehme, Dominic	Micropharma Limited	Head Office	Québec	CANADA	21/05/2008	2	\$60,000	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	Probiotic bacteria for treatment of lactic acidosis	





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Nelson, Lorne	Bishop's University	Physics	Québec	CANADA	18/04/2008	5	\$73,625	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Population studies of extremely low-mass objects and degenerate stars in compact binaries and in the field	
Nelson, William	Queen's University	Biology	Ontario	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolutionary ecology of organisms with strong phenotypic plasticity	
Nemati, Mehdi	University of Saskatchewan	Chemical Engineering	Saskatchewan	CANADA	18/04/2008	5	\$125,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Desulphurization and denitrification of gas and liquid streams with concomitant generation of energy in microbial fuel	
Netterfield, Calvin	University of Toronto	Physics	Ontario	CANADA	18/04/2008	5	\$319,040	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Probing the Universe	
Netterfield, Calvin	University of Toronto	Physics	Ontario	CANADA	16/06/2008	2	\$269,700	EWR Steacie Fellowships/ EWR Steacie	Probing the Universe: E.W.R Steacie Memorial Fellowship Supplement	
Neufang, Matthias	Carleton University	Mathematics and Statistics, School of	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Abstract harmonic analysis - beyond the classical realm	
Neufang, Matthias	Carleton University	Mathematics and Statistics, School of	Ontario	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Abstract harmonic analysis - beyond the classical realm	
Neufeld, Christopher	University of Alberta	Biological Sciences	Alberta	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Maintenance and evolution of adaptive phenotypic plasticity	
Neufeld, Eric	University of Saskatchewan	Computer Science	Saskatchewan	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Smart visualizations of multivariate knowledge	
Neufeld, Josh	University of Waterloo	Biology	Ontario	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Exploring the diversity and function of soil microbial communities	
Neumann, August Wilhelm	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	18/04/2008	5	\$283,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applied surface thermodynamics	
Neuweiler, Fritz	Université Laval	Géologie et génie géologique	Québec	CANADA	18/04/2008	5	\$155,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Carbonate sediments & natural organic matter	

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Newman, Elaine	Concordia University	Biology	Québec	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	L-serine deaminase, S- adenosylmethionine and the control of cell division in E.coli	
Newman, Randy	Acadia University	Psychology	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The time course of phonological processing in skilled reading	
Nezamoddini-Kachouie, Nezamoddin	Massachusetts Institute of Technology	Health Sciences and Technology	Massachusetts	UNITED STATES/ ÉTATS-UNIS	04/06/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Biosensors in Real Time Imaging to Track, Measure, and Control Stem and Cancer Cell Proliferation Rate	
Ng, Eu-Gené	McMaster University	Mechanical Engineering	Ontario	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Characterisation on the effects of workpiece microstructure and process parameters on residual stresses generated during machining	
Ng, John	TRIUMF	Science Division	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$135,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Novel effects in electroweak physics	
Ng, Kenneth	University of Calgary	Biological Sciences	Alberta	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular structural studies of protein complexes essential for viral replication and plant nitrogen metabolism	
Ngoly, Adrian	McGill University	Electrical and Computer Engineering	Québec	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Adaptive meshless time- domain integral equation solvers for electromagnetic analysis	
Nguyen, Uyen Trang	York University	Computer Science and Engineering	Ontario	CANADA	18/04/2008	5	\$76,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Efficient and secure group communications in wireless mesh networks	
Nickerson, Michael	University of Saskatchewan	Food and Bioproduct Sciences	Saskatchewan	CANADA	24/06/2008	5	\$130,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biopolymers interactions, and their structure- controlling role in food	
Nicoladis, Elena	University of Alberta	Psychology	Alberta	CANADA	18/04/2008	5	\$104,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bilinguals' cross-linguistic transfer as speech production errors	
Nie, Jian-Yun	Université de Montréal	Informatique et recherche opérationnelle	Québec	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Adaptive and efficient inferential information retrieval	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Nie, Jian-Yun	Université de Montréal	Informatique et recherche opérationnelle	Québec	CANADA	18/04/2008	5	\$155,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Adaptive and efficient inferential information retrieval	
Nielsen, Jason	Carleton University	Mathematics and Statistics, School of	Ontario	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamic functional models for complex recurrent event data analysis	
Niewczas, Marek	McMaster University	Materials Science and Engineering	Ontario	CANADA	18/04/2008	5	\$155,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fatigue deformation of nano-crystalline materials	
Nitz, Mark	University of Toronto	Chemistry	Ontario	CANADA	18/04/2008	3	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Revealing the expression, degradation and binding characteristics fo the glycosaminoglycans	
Nobes, David	University of Alberta	Mechanical Engineering	Alberta	CANADA	18/04/2008	5	\$99,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mixing fluids and the role of large-scale flow structures in confined	
Noble, Anthony	Queen's University	Physics	Ontario	CANADA	16/05/2008	1	\$136,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	PICASSO - Search for Dark Matter (Applicant V. Zacek)	
Nodwell, Justin	McMaster University	Biochemistry and Biomedical Sciences	Ontario	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanism of action of the BldB/AbaA proteins	
Noel, Jean-Marc	Royal Military College of Canada/ Collège militaire royal du Canada	Physics	Ontario	CANADA	18/04/2008	3	\$41,229	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The auroral ionosphere-thermosphere system and how it affects low-earth orbiting satellites	
Nooijen, Martinus (Marcel)	University of Waterloo	Chemistry	Ontario	CANADA	18/04/2008	5	\$300,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advances in first principles molecular calculations	
Norman, Ann-Lise	University of Calgary	Physics and Astronomy	Alberta	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Atmospheric DMS and its role in new aerosol formation	
North, Thomas	University of Toronto	Materials Science and Engineering	Ontario	CANADA	18/04/2008	5	\$178,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Friction stir spot welding fundamentals	
Noumeir, Rita	École de technologie supérieure	Génie électrique	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integration of healthcare information	
Nouri, Alireza	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	18/04/2008	4	\$96,240	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Enhanced prediction of sanding during oil production	
Novog, David	McMaster University	Engineering Physics	Ontario	CANADA	18/04/2008	4	\$83,550	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Nuclear safety analysis for GEN-IV supercritical water reactor designs	

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Nozais, Christian	Université du Québec à Rimouski	Biologie, Chimie et Géographie	Québec	CANADA	18/04/2008	5	\$81,265	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Rôle des invertébrés dans les flux de matière organique à l'interface eau-sédiment en milieu	
Nsakanda, Aaron Luntala	Carleton University	Business, Eric Sprott School of	Ontario	CANADA	18/04/2008	3	\$51,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Models and methods for planning and operational decision-making in loyalty programs industry	
Nunzi, Jean-Michel	Queen's University	Physics	Ontario	CANADA	18/04/2008	1	\$143,329	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	A thin film co-deposition system for Auger Fountain Organic Electroluminescent Diodes	
Nychka, John	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	18/04/2008	4	\$92,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chemomechanical dissolution of bioactive glass	
Oakham, Gerald	Carleton University	Physics	Ontario	CANADA	18/04/2008	5	\$1,283,000	Subatomic Physics Envelope - Major Resources Support Program/ Enveloppe de physique subatomique - programme d'appui aux ressources majeures	Carleton technical team for particle physics research	
Oakley, Richard	University of Waterloo	Chemistry	Ontario	CANADA	18/04/2008	5	\$520,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Heavy atom radicals as conductive and magnetic materials	
O'Brien, Peter John	University of Toronto	Pharmacy, Leslie Dan Faculty of	Ontario	CANADA	18/04/2008	5	\$276,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biological effects of oxygen activation	
Obruchkov, Sergei	McMaster University	Medical Physics & Applied Radiation Sciences	Ontario	CANADA	23/04/2008	2	\$30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Development of echo planar spectroscopic imaging technique for evaluation of phosphorous metabolites in breast tissue	
O'Driscoll, Nelson	Acadia University	Earth and Environmental Science	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The effects of solar radiation and dissolved organic matter on contaminant fate in	
Ojo, Olanrewaju	University of Manitoba	Mechanical and Manufacturing Engineering	Manitoba	CANADA	18/04/2008	4	\$96,240	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced joining of high temperature structural intermetallics	
Okoniewski, Michal	University of Calgary	Electrical and Computer Engineering	Alberta	CANADA	18/04/2008	5	\$280,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Waves, MEMS and bio-electromagnetics	
Olesen, Thor	Atlantica BioEnergy Task Force Head Office		New Brunswick/ Nouveau-Brunswick	CANADA	28/05/2008	1	\$75,000	Regional Office Discretionary Funds - Atlantic/ Bureaux régionaux - fonds discrétionnaires - Atlantique	Atlantica BioEnergy Task Force - R&D Summit	



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Olesky, Dale	University of Victoria	Computer Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spectral analysis of sign/zero-nonzero patterns, positivity of principal minors and primitive	
Olson, James	University of British Columbia	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Modeling the behaviour of turbulent fibre suspensions	
Olson, James	University of British Columbia	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modeling the behaviour of turbulent fibre suspensions	
Olumofin, Femi	University of Manitoba	Computer Science	Manitoba	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Capture and Representation of Software Architecture Knowledge	
Omanovic, Sasha	McGill University	Chemical Engineering	Québec	CANADA	16/05/2008	3	\$277,322	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Enhancement of biocompatibility of coronary stents by surface immobilization of fibronectin and controlled tailoring of protein-cell	
Omar, Mohamed	University of California - Davis	Mathematics	California/ Californie	UNITED STATES/	16/04/2008	2	\$52,500	Postgraduate Scholarships D/ Bourses d'études supérieures D	Combinatorial representation theory	
O'Neill, Melanie	Simon Fraser University	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$123,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Conformationally Dynamics in Biomolecule function	
Opal, Ajoy	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	18/04/2008	5	\$102,325	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algorithms for analysis of analog circuits	
Ophus, Colin	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Hydrogen storage in nanoengineered bulk metallic glasses	
Orellana Garcia, Josue	York University	Chemistry	Ontario	CANADA	18/04/2008	3	\$105,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development and application of new reactions for organic	
Organ, Michael	York University	Chemistry	Ontario	CANADA	18/04/2008	5	\$300,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New N-heterocyclic carbene ligands for catalysis	
Orihel, Diane	University of Alberta	Biological Sciences	Alberta	CANADA	14/05/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Remediation of Eutrophic Prairie Lakes	
Orlova, Galina	St. Francis Xavier University	Chemistry	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	2	\$50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A computational study of the chemistry of peptide radical cations	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Orr, Robert	University of Toronto	Physics	Ontario	CANADA	16/05/2008	1	\$41,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	Superconducting radio frequency cavity R&D for TRIUMF elcetron LINAC	
Orvig, Chris	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$400,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Medicinal inorganic chemistry	
O'Shaughnessy, Douglas	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunication - Montréal	Québec	CANADA	18/04/2008	5	\$263,125	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improving basic methods of automatic speech recognition	
Osinski, Gordon	University of Western Ontario	Earth Sciences	Ontario	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The beneficial effects of meteorite impact events	
Osinski, Gordon	University of Western Ontario	Earth Sciences	Ontario	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Northern Research Supplement/ Porgramme de subventions à la découverte - supplément en recherche nordique	The beneficial effect of meteorite impact events	
Osthoff, Hans	University of Calgary	Chemistry	Alberta	CANADA	18/04/2008	3	\$102,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Halogen oxides, nitril chloride and other halogen species of atmospheric interest	
Osthoff, Hans	University of Calgary	Chemistry	Alberta	CANADA	18/04/2008	1	\$144,663	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	CIMS for measurements of CINO2 and other halogen species of atmospheric revelance	
Ostry, David	McGill University	Psychology	Québec	CANADA	18/04/2008	5	\$159,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sensorimotor interaction in human motor control	
Otis, Gard	University of Guelph	Environmental Biology	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Allochronic speciation and behavioural ecology of oeneis butterflies	
Ouali, Mohamed-Salah	École Polytechnique de Montréal	Mathématiques et génie industriel	Québec	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optimisation des travaux majeurs de maintenance d'équipements en réseaux sous contraintes de fiabilité et de ressources	
Oum, Tae	University of British Columbia	Sauder School of Business	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Efficiency measurement and benchmarking in transport/logistics: "How can we improve credibility sector of efficiency rankings?"	





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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Ovsenek, Nicholas	University of Saskatchewan	Anatomy and Cell Biology	Saskatchewan	CANADA	18/04/2008	5	\$240,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Maternal RNA complexes in oocytes	
Oyet, Alwell	Memorial University of Newfoundland	Mathematics and Statistics	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Wavelets in robust designs and longitudinal time series analysis	
Ozaki, Tsuneyuki	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	18/04/2008	5	\$1,819,500	Major Resources Support Program/ Programme d'appui aux ressources majeures	Access to the national advanced laser light source (ALLS) facility	
Ozaki, Tsuneyuki	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	18/04/2008	1	\$143,702	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Laboratory for extreme photon sources-LEPS	
Paal, Krisztina	University of Ontario Institute of Technology	Science, Faculty of	Ontario	CANADA	18/04/2008	3	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biomolecular interactions	
Packirisamy, Muthukumaran	Concordia University	Mechanical and Industrial Engineering	Québec	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design, modeling, fabrication and testing of integrated optical and bio microsystems	
Page, Jonathan	University of Saskatchewan	Biology	Saskatchewan	CANADA	18/04/2008	5	\$105,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional genomics of metabolite secretion in glandular trichomes	
Paidoussis, Michael	McGill University	Mechanical Engineering	Québec	CANADA	18/04/2008	5	\$318,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Flow-induced vibrations and instabilities of structures	
Paige, Matthew	University of Saskatchewan	Chemistry	Saskatchewan	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ultrasensitive microscopy of chemical systems	
Pal, Rajinder	University of Waterloo	Chemical Engineering	Ontario	CANADA	18/04/2008	5	\$129,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Skin friction reduction in oil pipelines using microbubbles and macromolecules	
Palmer, Amy	University of Alberta	Biological Sciences	Alberta	CANADA	11/06/2008	2	\$25,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Impact of forest harvesting on water quality and nutrient export in Western Boreal Forest	
Palmer, Richard	University of Alberta	Biological Sciences	Alberta	CANADA	16/05/2008	3	\$1,047,900	Major Resources Support Program/ Programme d'appui aux ressources majeures	Bamfield marine sciences centre	
Pan, Jie	University of Manitoba	Physics and Astronomy	Manitoba	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Precision measurement of weak mixing angle in e-p scattering	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Pan, Yuanming	University of Saskatchewan	Geological Sciences	Saskatchewan	CANADA	18/04/2008	5	\$190,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Trace defects and radiation damage in minerals and other Earth materials: structural studies and applications	
Panario, Daniel	Carleton University	Mathematics and Statistics, School of	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Mathematical analysis of algorithms, and computations in finite fields	
Panario, Daniel	Carleton University	Mathematics and Statistics, School of	Ontario	CANADA	18/04/2008	5	\$200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mathematical analysis of algorithms, and computations in finite	
Panesar, Daman	University of Toronto	Civil Engineering	Ontario	CANADA	18/04/2008	5	\$101,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The influence of ion-binder interactions on the durability of cement-based material	
Panneton, Raymond	Université de Sherbrooke	Génie mécanique	Québec	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Conception, caractérisation et modélisation multi- échelle de matériaux poreux passifs et actifs: application en acoustique	
Pappas, Bruce	Carleton University	Psychology	Ontario	CANADA	18/04/2008	5	\$125,880	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neonatal cholinergic lesions: lifespan cognitive and neural analysis	
Paquin Proulx, Dominic	Université Laval	Biochimie et Microbiologie (Fac. sc. et génie)	Québec	CANADA	23/04/2008	2	\$27,000	Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat	Activité biologique d'un substitut potentiel aux immunoglobulines thérapeutiques (IVIg) sur les lymphocytes B	
Paquin, Nicolas	Massachusetts Institute of Technology	Biology	Massachusetts	UNITED STATES/ ÉTATS-UNIS	28/05/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Modulation of the locomotion of C. elegans by serotonin signalling and fluoxetine	
Paradis, Eric	University of Michigan	Physics	Michigan	UNITED STATES/ ÉTATS-UNIS	07/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Coly Rydberg Atoms and Plasmas in Strong Magnetic Fields	
Parameswaran, Ash	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$194,905	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Polymer-MEMS technology for biomedicine and communication	
Paranjape, Manu	Université de Montréal	Physique	Québec	CANADA	18/04/2008	3	\$81,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Quantum field theory, solitons and other quantum dynamical systems	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Parent, Jocelyn	Université Laval	Physique, génie physique et optique	Québec	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Nouvelle génération de lentilles pour l'imagerie panoramique	
Parent, Scott	Queen's University	Chemical Engineering	Ontario	CANADA	18/04/2008	5	\$144,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chemical modification of polymers	
Parker, Linda	University of Guelph	Psychology	Ontario	CANADA	18/04/2008	5	\$214,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Conditioned disgust, preference and avoidance	
Parkes, Tony	Nipissing University	Biology	Ontario	CANADA	18/04/2008	2	\$40,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigation of the physiological consequences of Cu/Zn SOD deficiency in drosophila melanogaster	
Parkin, Gary	University of Guelph	Land Resource Science	Ontario	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Measuring and modeling soil water budgets	
Parsa, Vijay	University of Western Ontario	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	1	\$120,505	Idea to Innovation/ De l'idée à l'innovation	A Hybrid psychoacoustic measurement system	
Pasek, Zbigniew	University of Windsor	Industrial and Manufacturing Systems Eng.	Ontario	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Risk-based control of production mix and volume for perishable products	
Pasquier, Philippe	Simon Fraser University	Interactive Arts and Technology, School of (SIAT)	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theory and practice of argumentation based-negotiation	
Patcas, Lucian Mircea	McMaster University	Computing and Software	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Automated Reasoning about Real-Time Systems	
Patel, Rajnikant	University of Western Ontario	Electrical and Computer Engineering	Ontario	CANADA	16/05/2008	3	\$180,295	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	An optimal planning strategy for robot-assisted minimally invasive cardiac surgery	
Patel, Rajnikant	University of Western Ontario	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	1	\$123,476	Idea to Innovation/ De l'idée à l'innovation	A sensorized instrument-based skills assessment and training system for minimally invasive surgery	
Patey, Grenfell	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$555,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theory and computer simulation of complex systems: liquids, solutions, and interfaces	
Patriciu, Alexandru	McMaster University	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Automatic manipulation of soft tissue under image guidance	
Patrick, Jonathan	University of Ottawa/ Université d'Ottawa	Management, School of	Ontario	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Large scale markov decision processes in healthcare management	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Patterson, William	University of Saskatchewan	Geological Sciences	Saskatchewan	CANADA	18/04/2008	5	\$128,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	North Atlantic Ocean circulation and seasonality through the holocene	
Pattison, Simon	Brandon University	Geology	Manitoba	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Origin and internal architecture of an offshore mudstone belt	
Paul, Sudhir Ranjan	University of Windsor	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Generalized linear models with zero-inflation and/or ever-dispersion with covariate measurement errors, methods for longitudinal and clustered data and finite mixture models	
Paulin-Levasseur, Micheline	University of Ottawa/ Université d'Ottawa	Biology	Ontario	CANADA	18/04/2008	3	\$67,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional analysis of nuclear envelope proteins	
Pavel, Laca	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$102,325	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Control algorithms for robust and adaptive photonic networks	
Payandeh, Shahram	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fundamental investigation into shared control methodologies in robotic applications	
Payette, Serge	Université Laval	Biologie	Québec	CANADA	18/04/2008	5	\$369,375	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamique biogéographique de la forêt boréale en fonction des feux et du climat	
Payette, Serge	Université Laval	Biologie	Québec	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Northern Research Supplement/ Programme de subventions à la découverte - supplément en recherche nordique	Dynamique biogéographique de la forêt boréale en fonction des feux et du climat	
Peak, Derek	University of Saskatchewan	Soil Science	Saskatchewan	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of novel molecular-scale methods for the study of oxyanion environmental chemistry	
Pearce, Trevor	Carleton University	Systems and Computer Engineering	Ontario	CANADA	18/04/2008	3	\$45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	V-Sim framework and methodology	
Pearsall, David	McGill University	Kinesiology and Physical Education	Québec	CANADA	16/05/2008	5	\$521,720	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Mechanics of ice hockey equipment	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Pearson, Matthew	TRIUMF	Science Division	British Columbia/ Colombie-Britannique	CANADA	16/05/2008	3	\$290,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	Laser spectroscopy on exotic nuclei	
Pedras, Soledade	University of Saskatchewan	Chemistry	Saskatchewan	CANADA	18/04/2008	5	\$350,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chemistry of plant- pathogen interactions	
Pedrycz, Witold	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	18/04/2008	5	\$151,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Distributed and collaborative fuzzy modeling	
Pei, Jian	Simon Fraser University	Computing Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analyzing and Mining Large Uncertain Data Sets: models, methods and	
Peiris, Baminahennadige Ramila	University of Waterloo	Chemical Engineering	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Deveelopment of an on- line fluorescence-based sensor to monitor natural organic membrane foulants for drinking water	
Pelc, Andrzej	Université du Québec en Outaouais	Informatique et d'ingénierie	Québec	CANADA	18/04/2008	5	\$200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Network algorithms processing unreliable or incomplete information	
Pellerin, Christian	Université de Montréal	Chimie	Québec	CANADA	18/04/2008	2	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Spectroscopic investigation of polymers and self- assembled materials	
Pelletier, Dominique	École Polytechnique de Montréal	Génie mécanique	Québec	CANADA	18/04/2008	5	\$243,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Adaptive FEM for design and control of complex flows using sensitivity equation methods	
Pelletier, Laurence	University of Toronto	Molecular Genetics	Ontario	CANADA	18/04/2008	5	\$160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of the FAM29A in mitotic spindle assembly.	
Pelletier, Sylvain	Université Laval	Génie des mines, métallurgie et matériaux	Québec	CANADA	18/04/2008	3	\$60,630	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Programme d'étude sur la mise en forme par compaction de formulations de poudres à	
Pellis, Sergio	University of Lethbridge	Psychology and Neuroscience	Alberta	CANADA	18/04/2008	5	\$215,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Competing to cooperate: developing a social brain	
Pelton, Robert	McMaster University	Chemical Engineering	Ontario	CANADA	18/04/2008	4	\$323,660	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Controlled assembly for advanced paper structures	
Pen, Ue-Li	University of Toronto	Cdn Inst. for Theoretical Astrophys	Ontario	CANADA	18/04/2008	5	\$220,875	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Large cosmological datasets	

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Peng, Jianan	Acadia University	Mathematics and Statistics	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Order restricted statistical inference and its applications	
Peng, Qian	Concordia University	Building, Civil and Environmental Engineering	Québec	CANADA	23/04/2008	2	\$30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Improving Unicel Architectural Corp's vision control advanced fenestration product by incorporating a new light redirection design while reducing window thickness	
Peng, Yingwei	Queen's University	Community Health and Epidemiology	Ontario	CANADA	18/04/2008	5	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical methodologies for survival data with possible correlated survival times or a possible	
Penin, Alexander	University of Alberta	Physics	Alberta	CANADA	18/04/2008	3	\$120,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	High precision calculation in quantum field theory	
Penner, Orion	University of Calgary	Physics and Astronomy	Alberta	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Analysis and modeling of empirical Protein-Protein Interaction Networks	
Pereira, Jennifer	McGill University	Mechanical Engineering	Québec	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	An experimental investigation of active control of an oscillating wing tip vortex	
Perepichka, Dmitrii	McGill University	Chemistry	Québec	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	pi-functional organic materials for molecular and nanoelectronics	
Perepichka, Dmitrii	McGill University	Chemistry	Québec	CANADA	18/04/2008	5	\$285,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	pi-functional organic materials for molecular and nanoelectronics	
Perera, Nandana	University of Guelph	Engineering, School of	Ontario	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Modelling of chlorides in the environment due to road salt application	
Perovic, Doug	University of Toronto	Materials Science and Engineering	Ontario	CANADA	18/04/2008	5	\$170,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure/property relationships in advanced materials for electronics and photonics	
Perron, Alexandre	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunication - Montréal	Québec	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Étude et développement d'antennes diélectriques actives en ondes millimétriques pour les applications en radiolocalisation	





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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Perron, François	Université de Montréal	Mathématiques et de statistique	Québec	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bayesian nonparametric estimation, MCMC and decision theory	
Persaud, Anurani	York University	Biology	Ontario	CANADA	28/05/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	DOC effects on higher tropic levels of freshwater foodwebs	
Peslherbe, Gilles	Concordia University	Chemistry and Biochemistry	Québec	CANADA	18/04/2008	5	\$325,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theoretical studies of molecular interactions, chemical reactions and spectroscopy	
Peters, Michel	Université Laval	Chimie	Québec	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Dynamique des électrons corrélés en champs laser intense	
Peterson, Ronald	Queen's University	Geological Sciences and Geological Engineering	Ontario	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mineralogical studies of mine waste	
Petric, Anthony	McMaster University	Materials Science and Engineering	Ontario	CANADA	18/04/2008	5	\$158,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Equilibration and degradation of materials in energy systems	
Petticrew, Ellen	University of Northern British Columbia	Geography	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fine sediment and organic matter interactions: bio-physical effects of aggregated sediments on streams	
Pexman, Penny	University of Calgary	Psychology	Alberta	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	The dynamics of semantic processing	
Pexman, Penny	University of Calgary	Psychology	Alberta	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The dynamics of semantic processing	
Pharoah, John	Queen's University	Mechanical and Materials Engineering	Ontario	CANADA	18/04/2008	5	\$98,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigating water transport in polymer electrolyte fuel cells	
Pick, Frances	University of Ottawa/ Université d'Ottawa	Biology	Ontario	CANADA	18/04/2008	5	\$201,925	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Drivers of algal composition and cyanotoxins in rivers and	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Pidgen, Keri	Lakehead University	Biology	Ontario	CANADA	11/06/2008	2	\$30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Effects of clearcutting with prescribed fire on species composition and diversity of understory vegetation in 15 to 30 year old planted jack pine (Pinus banksiana Lamb) stands in Northwestern Ontario	
Pienitz, Reinhard	Université Laval	Géographie	Québec	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Impacts of climatic change and environmental stress on aquatic ecosystems	
Pienitz, Reinhard	Université Laval	Géographie	Québec	CANADA	18/04/2008	5	\$210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Impacts of climatic change and environmental stress on aquatic ecosystems	
Pienitz, Reinhard	Université Laval	Géographie	Québec	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Northern Research Supplement/ Programme de subventions à la découverte - supplément en recherche nordique	Impacts of climatic change and environmental stress on northern lakes and ponds	
Pierce, David	University of Alberta	Sociology	Alberta	CANADA	18/04/2008	5	\$82,180	Discovery Grants Program - Group/ Programme de subventions à la découverte - équipe	Associative conditioning by wheel running under conditions of food restriction	
Pierre, Roger	Université Laval	Mathématiques et statistique	Québec	CANADA	18/04/2008	3	\$36,999	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Méthodes numériques pour les EDP	
Piers, Warren	University of Calgary	Chemistry	Alberta	CANADA	18/04/2008	5	\$625,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Transition metal catalysis for bond activation	
Pignolet, Alain	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	18/04/2008	5	\$174,455	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Epitaxial growth, nanostructuring and nanoscale characterization of advanced oxides	
Pike, David	Memorial University of Newfoundland	Mathematics and Statistics	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Combinatorial algorithms, structures and applications	
Pilkey, Keith	Queen's University	Mechanical and Materials Engineering	Ontario	CANADA	18/04/2008	5	\$132,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Using 3D micro-computed tomography to investigate structure-property relationships in heterogenous materials	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Pillay, Pragasen	Concordia University	Electrical and Computer Engineering	Québec	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Energy efficiency and renewable energy	
Pillay, Pragasen	Concordia University	Electrical and Computer Engineering	Québec	CANADA	18/04/2008	5	\$196,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Energy efficiency and renewable energy	
Pina, Freddy	University of British Columbia	Civil Engineering	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Improving the decision-making on seismic retrofit of building structures in	
Pinault, Lauren	Brock University	Biological Sciences	Ontario	CANADA	14/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Suitability of breeding grounds for mosquitos along an altitudinal gradient in the Tropical	
Pinder, Jordan	Dalhousie University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	14/05/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Exploring the function of sumoylation and phosphorylation of the yeast plasmid segregation proteins Rep1 and Rep2	
Pineau, Joelle	McGill University	Computer Science, School of	Québec	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sequential decision-making under model uncertainty	
Pinfold, James	University of Alberta	Physics	Alberta	CANADA	18/04/2008	3	\$717,970	Subatomic Physics Envelope - Major Resources Support Program/ Enveloppe de physique subatomique - programme d'appui aux ressources majeures	Center for Particle physics group MRS application	
Piret, James	University of British Columbia	Chemical and Biological Engineering	British Columbia/ Colombie-Britannique	CANADA	16/05/2008	3	\$272,301	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Engineered advances for clinical applications of gene therapy	
Pirmoradi, Fatemeh	University of British Columbia	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Micro-Electro-Mechanical Systems (MEMS) for controlled, localized, and enhanced drug delivery	
Pisaric, Michael	Carleton University	Geography and Environmental Studies	Ontario	CANADA	18/04/2008	5	\$113,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Paleoecological studies across northwestern Canada	
Pisaric, Michael	Carleton University	Geography and Environmental Studies	Ontario	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Northern Research Supplement/ Programme de subventions à la découverte - supplément en recherche nordique	Paleoecological studies across northwestern Canada (logistical support)	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Pither, Jason	University of British Columbia	Okanagan - Biology & Physical Geography	British Columbia/Colombie-Britannique	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Understanding diversity patterns and their relation to fundamental niche differentiation among species	
Pivato, Marcus	Trent University	Mathematics	Ontario	CANADA	18/04/2008	5	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Emergent defect dynamics in cellular automata	
Piowar, Joseph	University of Regina	Geography	Saskatchewan	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Creation of an environmental normal for the northern mixedgrass	
Plamondon, Hélène	University of Ottawa/ Université d'Ottawa	Psychology, School of	Ontario	CANADA	18/04/2008	3	\$45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Brain injury and functional plasticity : physiological and environmental factors involved in reorganization of brain functions	
Plaxton, William	Queen's University	Biology	Ontario	CANADA	18/04/2008	5	\$450,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular, regulatory and functional properties of key enzymes of plant carbohydrate and phosphate metabolism	
Plett, Calvin	Carleton University	Electronics	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Radio frequency and broadband circuits	
Plett, Calvin	Carleton University	Electronics	Ontario	CANADA	18/04/2008	5	\$131,560	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Radio frequency and broadband circuits	
Plint, Guy	University of Western Ontario	Earth Sciences	Ontario	CANADA	18/04/2008	5	\$260,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cretaceous elastic systems in Western Canada: inter-regional correlation using bio, chrono, sequence and chemostrat methods	
Plischke, Michael	Simon Fraser University	Physics	British Columbia/Colombie-Britannique	CANADA	18/04/2008	4	\$97,692	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theory and simulation of soft matter	
Plucknett, Kevin	Dalhousie University	Process Engineering and Applied Science	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	3	\$69,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development and characterisation of novel ceramic-metal composites	
Podur, Justin	York University	Environmental Studies, Faculty of	Ontario	CANADA	18/04/2008	3	\$45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modeling forest fires and area burned for sustainable forest management	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Poepping, Tamie	University of Western Ontario	Physics and Astronomy	Ontario	CANADA	18/04/2008	5	\$160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ultrasonic systems development for flow characterization	
Pohn, Jordan	Queen's University	Chemical Engineering	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Theoretical study of high solid content latexes using computational fluid	
Poirier, Mario	Université de Sherbrooke	Physique	Québec	CANADA	18/04/2008	5	\$222,430	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Magnetism and superconductivity in strongly correlated systems -- Magnétisme et supraconductivité dans des systèmes fortement	
Poisson, Eric	University of Guelph	Physics	Ontario	CANADA	18/04/2008	5	\$279,775	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamics of compact binary systems in strong gravitational fields	
Polanyi, John	University of Toronto	Chemistry	Ontario	CANADA	18/04/2008	5	\$250,000	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	
Polat, Ali	University of Windsor	Earth Sciences	Ontario	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigation of the petrogenesis and geodynamics of Archean anorthosite-greenstone associations in the Superior Province and SW	
Poste, Amanda	University of Waterloo	Biology	Ontario	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Trophic transfer and bioaccumulation of microcystin in freshwater systems	
Potter, Andrew	University of Saskatchewan	VIDO-Vaccine and Infectious Diseases Organization	Saskatchewan	CANADA	24/06/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interactions between histophilus somni (haemophilus somnus) and phagocytic cells	
Potter, Michael	University of Calgary	Electrical and Computer Engineering	Alberta	CANADA	18/04/2008	5	\$155,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applied computational eletromagnetics	
Pottie, Ian	Mount Saint Vincent University	Chemistry and Physics	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	3	\$66,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Expanding the use of the Henry reaction	
Pottinger, Rachel	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	2	\$41,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Data management techniques for unmanaged data	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Potvin, Pierre	York University	Chemistry	Ontario	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Coordination chemistry, photosensitization and electrochemistry	
Poulin, Eric	Université Laval	Génie électrique et génie informatique	Québec	CANADA	18/04/2008	5	\$96,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Utilisation de sous-modèles de procédés pour l'analyse et la supervision des performances des systèmes de commande automatique	
Poulin, Jérôme	École Polytechnique de Montréal	Génie physique	Québec	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Guidage d'atomes au travers d'une fibre optique creuse microstructurée	
Poulter, Michael	University of Western Ontario	Physiology and Pharmacology	Ontario	CANADA	18/04/2008	5	\$155,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure/function relationships in inhibitory neurotransmission	
Pound, Jeffrey	University of Waterloo	Computer Science, School of	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	On supporting descriptive queries for semantic data sets	
Poupart, Pascal	University of Waterloo	Computer Science, School of	Ontario	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Prior knowledge elicitation and policy explanation for decision-theoretic planning and learning	
Pourmohammadi Fallah, Yaser	University of California - Berkeley	Civil and Environmental Engineering, Dept. of	California/ Californie	UNITED STATES/ ÉTATS-UNIS	25/06/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	New Access Schemes and Architectures for Ultra High Speed 60GHz Band Wireless Networks	
Powell, Jeff	Freie Universitat Berlin	Physiologische Institut		GERMANY/ ALLEMAGNE	14/05/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Evaluating consumer diversity as a predictor of ecosystem stability	
Pramanik, Sandipan	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	18/04/2008	5	\$117,755	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nanoscale organic spintronics	
Pratt, Derek	Queen's University	Chemistry	Ontario	CANADA	18/04/2008	3	\$147,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanistic studies of radical oxidations, antioxidants & enzymes	
Predoi-Cross, Adriana	University of Lethbridge	Physics	Alberta	CANADA	18/04/2008	5	\$132,700	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular spectroscopic studies for remote sensing of earth and planetary atmospheres	
Preston, John	McMaster University	Engineering Physics	Ontario	CANADA	18/04/2008	3	\$1,364,400	Major Resources Support Program/ Programme d'appui aux ressources majeures	Brockhouse institute for materials research	



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Préville-Ratelle, Louis-François	Université du Québec à Montréal	Mathématiques	Québec	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Combinatorial interception of minimal transitive factorizations of permutations into transpositions	
Price, Jonathan	University of Waterloo	Geography	Ontario	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	How does water move in mosses ? Liquid and vapour flow in living sphagnum mosses	
Price, Neil	McGill University	Biology	Québec	CANADA	18/04/2008	5	\$329,975	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Copper and iron limitation and interaction in marine diatoms	
Price, Raymond	Queen's University	Geological Sciences and Geological Engineering	Ontario	CANADA	18/04/2008	3	\$43,362	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cordilleran tectonics	
Pritchett, Christopher	University of Victoria	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$392,665	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Supernovae and their host galaxies	
Pritzker, Mark	University of Waterloo	Chemical Engineering	Ontario	CANADA	18/04/2008	5	\$154,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Metal and alloy electrodeposition for nanotechnology and materials science applications	
Proctor, Heather	University of Alberta	Biological Sciences	Alberta	CANADA	18/04/2008	5	\$118,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sexual selection in mites: copulation, conflict and complexity	
Proietti, Eric	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunication - Montréal	Québec	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Non-noble metal electrocatalysts produced by ball milling for oxygen reduction in polymer electrolyte membrane fuel cells	
Pronk, Dorothea	Dalhousie University	Mathematics and Statistics	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Homotopy theory using higher dimensional categories	
Prosser, Scott	University of Toronto	Chemistry	Ontario	CANADA	18/04/2008	5	\$270,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	NMR studies of membranes proteins & macromolecular systems	
Proteau, Luc	Université de Montréal	Kinésiologie	Québec	CANADA	18/04/2008	5	\$139,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Processus de correction du mouvement chez l'humain	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Proulx, Isabelle	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Accumulation de métaux chez des animaux biomoniteurs; différences entre espèces	
Proulx, Jean	Université de Sherbrooke	Génie civil	Québec	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sécurité sismique des ouvrages de génie civil	
Proulx, Pierre	Université de Sherbrooke	Génie chimique	Québec	CANADA	18/04/2008	5	\$144,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Développement et application de modèles mathématiques à la production de nanopoudres par plasma	
Provatas, Nikolas	McMaster University	Materials Science and Engineering	Ontario	CANADA	18/04/2008	5	\$152,645	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multi-scale modeling of solidification phenomena using the phase-field crystal methodology:	
Provencher, Hélène	École de technologie supérieure	Génie électrique	Québec	CANADA	11/06/2008	3	\$27,000	Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat	Modèle de vieillissement thermique des systèmes d'isolation d'alternateurs	
Provost, Patrick	Université Laval	Anatomie et physiologie	Québec	CANADA	18/04/2008	3	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Elucidation of the Dicer protein interaction network	
Prowse (Turner), Jamie	University of Saskatchewan	Psychology	Saskatchewan	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The Effects of Normal Aging on Reasoning	
Prud'homme, Robert	Université de Montréal	Chimie	Québec	CANADA	18/04/2008	5	\$450,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Les propriétés des polymères à l'état solide	
Prusinkiewicz, Przemyslaw	University of Calgary	Computer Science	Alberta	CANADA	18/04/2008	5	\$337,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational models of plant development and form	
Pryor, Jennifer Elaine	Carleton University	Systems and Computer Engineering	Ontario	CANADA	14/05/2008	1	\$25,000	Postgraduate Scholarships M/ Bourses d'études supérieures M	Improvements on Branch and Bound Algorithms	
Pullenayegum, Eleanor	McMaster University	Health Sciences, Faculty of	Ontario	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Semi-parametric modelling of longitudinal data when the observation process is neither completely random nor completely	
Purbhoo, Kevin	University of Waterloo	Combinatorics and Optimization	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Combinatorial aspects of algebraic geometry	
Purchase, Craig	Memorial University of Newfoundland	Biology	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Intra-specific fish life history variability at multiple scales	

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Putz, Gordon	University of Saskatchewan	Civil and Geological Engineering	Saskatchewan	CANADA	18/04/2008	3	\$54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Utilization of water treatment plant residual solids for demobilization of phosphorus	
Pye, Cory	Saint Mary's University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theoretical studies of hydration	
Pyle, Gregory	Nipissing University	Arts and Science, Faculty of	Ontario	CANADA	18/04/2008	5	\$88,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Causes and consequences of metal-impaired chemosensory function in aquatic animals	
Qiu, Xiao	University of Saskatchewan	Food and Bioproduct Sciences	Saskatchewan	CANADA	18/04/2008	5	\$130,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular analysis of the mechanisms underlying the biosynthesis of very long chain polyunsaturated fatty acids	
Queyranne, Maurice	University of British Columbia	Sauder School of Business	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$260,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Discrete optimization models and methods for operations and supply chain management	
Quigley, Callum	University of Chicago	Physics	Illinois	UNITED STATES/ ÉTATS-UNIS	28/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Nongeometric fluxes in generalized complex geometry	
Quiring, Daniel	University of New Brunswick	Forestry and Environmental Management, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$152,675	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Influence of the host plant on the ecology of forest insect herbivores	
Quirk, Amanda	University of Guelph	Chemistry	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Atomic force and scanning electrochemical microscopy studies on the mechanisms of cellulose	
Quon, Gerald	University of Toronto	Computer Science	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Probabilistic inference of ancestral gene expression profiles in the vertebrae lineage	
Rabbath, Camille	Concordia University	Mechanical and Industrial Engineering	Québec	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Robust guidance and control of aerospace systems under constrained digital implementation	
Racine, David	Université Laval	Médecine	Québec	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Processus d'étiquetage lors de la potentialisation synaptique	

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Radulescu, Matei	University of Ottawa/ Université d'Ottawa	Mechanical Engineering	Ontario	CANADA	18/04/2008	1	\$129,208	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	A flow visualization facility for hydrogen explosion safety research	
Radziszewski, Peter	McGill University	Mechanical Engineering	Québec	CANADA	18/04/2008	5	\$105,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Comminution processes - exploring abrasive ore breakage, wear and friction	
Rafferty, Steven	Trent University	Chemistry	Ontario	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure-function studies on protein homodimers	
Rafiei, Davood	University of Alberta	Computing Science	Alberta	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Time-aware querying of the web	
Ragde, Prabhakar	University of Waterloo	Computer Science, School of	Ontario	CANADA	18/04/2008	5	\$205,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Feasible special cases of computationally difficult problems	
Ragogna, Paul	University of Western Ontario	Chemistry	Ontario	CANADA	18/04/2008	3	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecules and materials based on inorganic elements	
Rahman, Azizur	Memorial University of Newfoundland	Engineering and Applied Science, Faculty of	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	5	\$197,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of power apparatus and advanced motor drive systems	
Rahman, Mohammed Nahid	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	11/06/2008	2	\$30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	The impact of installing distributed generation on the distribution system protective devices	
Raina, Renata	University of Regina	Chemistry and Biochemistry	Saskatchewan	CANADA	18/04/2008	2	\$37,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Currently used pesticides (CUPs) in Western Canada: sources, atmospheric transport, transformations, and new trace analytical	
Rajapakse, Athula	University of Manitoba	Electrical and Computer Engineering	Manitoba	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Protection and control of microgrids	
Rajapakse, Nimalsiri	University of British Columbia	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$195,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanics of nanoscale structures and nanocomposites	
Rajcan, Istvan	University of Guelph	Plant Agriculture (Guelph)	Ontario	CANADA	18/04/2008	5	\$130,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	QTL underlying crop adaptation to mega- environments in soybean	
Rakheja, Subhash	Concordia University	Engineering and Computer Science, Faculty of	Québec	CANADA	18/04/2008	1	\$35,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Human responses to vibration and vibration control	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Rakoto Ramambason, Dina Sandrine	Université du Québec à Chicoutimi	Sciences appliquées	Québec	CANADA	23/04/2008	3	\$27,000	Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat	Développement d'un indicateur de performance pour le démarrage des cuves de Hall-Héroult	
Ramamurthy, Amruthur	Concordia University	Building, Civil and Environmental Engineering	Québec	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Experimental and numerical study of highly curvilinear flows	
Ramanathan, Balaji	University of Prince Edward Island	Biomedical Sciences	Prince Edward Island/ Île-du-Prince-Édouard	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular approaches to identify toll-like receptor (TLR) signaling mechanisms in vaccinia virus specific immunity	
Ramanathan, Sheela	Université de Sherbrooke	Pédiatrie	Québec	CANADA	24/06/2008	2	\$64,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Pro-survival function of GIMAP5 in Tcells	
Ramnial, Taramatee	Powertech Labs Inc.	Head Office	British Columbia/ Colombie-Britannique	CANADA	07/05/2008	2	\$60,000	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	On-Line Monitoring of Transformer Paper Decomposition Products	
Rancourt, Denis	University of Ottawa/ Université d'Ottawa	Physics	Ontario	CANADA	18/04/2008	5	\$174,455	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Reactive environmental Fe-oxyhydroxide nanoparticles	
Rangipour, Bahram	University of New Brunswick	Mathematics and Statistics - Fredericton	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hopf algebras of transvers geometries and their hopf cyclic cohomology	
Ranjan, Pritam	Acadia University	Mathematics and Statistics	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design and analysis of computer experiments and multi-stage factorial experiments	
Rank, Michelle	University of Alberta	Biomedical Engineering	Alberta	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	The role of norepinephrine in the recovery of motoneuron excitability after complete spinal cord	
Rankin, Catharine	University of British Columbia	Psychology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$174,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanisms of short term habituation in C. elegans	
Rankin, Gary	University of Windsor	Mechanical & Materials Engineering	Ontario	CANADA	18/04/2008	5	\$113,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Studies of unsteady thermo-fluid mechanic devices	
Rao, Malvika	Harvard University	Computer Science	Massachusetts	UNITED STATES/ ÉTATS-UNIS	07/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Online mechanism design in tolerably manipulable domains	
Rasuli, Abdol	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Dynamic Modeling and Parameter Identification of Cable Shovels	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Raudsepp, Mati	University of British Columbia	Earth and Ocean Sciences	British Columbia/Colombie-Britannique	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/Programme de subventions à la découverte - individuelles	Application of the Rietveld method to mineralogy and environmental geology	
Rauk, Arvi	University of Calgary	Chemistry	Alberta	CANADA	18/04/2008	5	\$235,000	Discovery Grants Program - Individual/Programme de subventions à la découverte - individuelles	Radical generation and propagation in biological systems	
Raussendorf, Robert	University of British Columbia	Physics and Astronomy	British Columbia/Colombie-Britannique	CANADA	18/04/2008	5	\$212,300	Discovery Grants Program - Individual/Programme de subventions à la découverte - individuelles	Fault-tolerant quantum computation in realistic physical scenarios	
Rautio, Milla	Université du Québec à Chicoutimi	Sciences fondamentales	Québec	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/Programme de subventions à la découverte - individuelles	The role of dissolved organic carbon in lake food webs	
Ray, Srimanta	University of Windsor	Civil and Environmental Engineering	Ontario	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Developing an efficient nanocatalyst system for enhanced photocatalytic degradation of toxic contaminants in industrial effluents	
Reale, Denis	Université du Québec à Montréal	Sciences biologiques	Québec	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/Programme de subventions à la découverte - individuelles	The evolutionary ecology of personality	
Reardon, Eric	University of Waterloo	Earth Sciences	Ontario	CANADA	18/04/2008	5	\$180,000	Discovery Grants Program - Individual/Programme de subventions à la découverte - individuelles	Developing a passive fluoride removal system for wastewaters and hydrogen reactivity in palladized mesoporous materials added to zero-valent iron	
Rechka, Sanae	Université de Sherbrooke	Génie électrique et génie informatique	Québec	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Amélioration de la sensibilité des scanners de Tomographie d'émissions par positrons (TEP) par intégration des photons à faible énergie.	
Reddy, Bale	University of Ontario Institute of Technology	Engineering and Applied Science, Faculty of	Ontario	CANADA	18/04/2008	5	\$110,700	Discovery Grants Program - Individual/Programme de subventions à la découverte - individuelles	Advanced biomass, natural gas and coal based energy systems for reduced greenhouse gas emissions with carbon dioxide capture and storage	
Reekie, Edward	Acadia University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$180,900	Discovery Grants Program - Individual/Programme de subventions à la découverte - individuelles	Predicting plant response to rising atmospheric carbon dioxide	





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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Rees, Andrew	University of New Brunswick	Biology (Fredericton)	New Brunswick/ Nouveau-Brunswick	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	A chironomid-based transfer function to reconstruct the	
Regan, Sharon	Queen's University	Biology	Ontario	CANADA	24/06/2008	1	\$30,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular regulation of tree growth and development	
Regmi, Prajwal	University of Alberta	Agricultural, Food and Nutritional Science	Alberta	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	The role of starch chemistry in kinetics of nutrient absorption and intestinal health in swine	
Regnault, Timothy	University of Western Ontario	Physiology and Pharmacology	Ontario	CANADA	18/04/2008	3	\$78,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fetal endotoxin exposure and regulation of amino acid supply	
Rehak, Renata	University of Calgary	Clinical Neurosciences	Alberta	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Annexin III interaction with T-type calcium channels and its role in cell	
Rehan, Sandra	Brock University	Biological Sciences	Ontario	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Social origin and diversification of small carpenter bees	
Rehmann, Lars	University of Manchester	Manchester Interdisciplinary Biocentre (MIB)		UNITED KINGDOM/ ROYAUME-	07/05/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Chewing Gum Removal from Pavements Using Enzymes in Ionic Liquids	
Rei, Walter	Université du Québec à Montréal	Management et technologie	Québec	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stochastic optimization methods for transportation and network design problems	
Reichel, Miriam	University of Alberta	Biological Sciences	Alberta	CANADA	14/05/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Paleoecology of dinosaurs from the upper cretaceous of Alberta and Mongolia inferred through stable isotopes and trace elements	
Reid, Michael	University of Toronto	Anthropology (Toronto)	Ontario	CANADA	14/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Cross-Species Transmission of Southeast Asian Plasmodia	
Reid, Stephen	University of Toronto	Biological Sciences (Scarborough)	Ontario	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Control of breathing in vertebrates: effects of chronic respiratory challenges and modulation of discontinuous breathing	
Reilly, Norman	Simon Fraser University	Mathematics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Varieties and pseudovarieties of semigroups	



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Reimer, Kerry	University of Northern British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	2	\$40,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chemical synthesis of oligosaccharides of plant cell wall origin	
Reimer, Raylene	University of Calgary	Kinesiology, Faculty of	Alberta	CANADA	18/04/2008	1	\$32,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Influence of nutrients on developmental programming of	
Reinhardt, Eduard	McMaster University	Geography and Earth Sciences, School of	Ontario	CANADA	18/04/2008	1	\$30,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Foraminifera and thecamoebians as environmental proxies for anchialine caves	
Reisz, Robert	University of Toronto	Biology, UTM	Ontario	CANADA	18/04/2008	5	\$395,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolution of paleozoic terrestrial vertebrates: patterns of diversification and dispersal	
Rekleitis, Ioannis	McGill University	Computer Science, School of	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Enabling robotic autonomy in challenging environments; an algorithmic approach	
Remillard, Bruno	HEC Montréal	Méthodes quantitatives de gestion, Service de l'enseignement des	Québec	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Tests based on empirical processes	
Renaud, Jacques	Université Laval	Opérations et systèmes de décision	Québec	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optimisation synchronisée des opérations de transport et d'entreposage dans les centres de distribution sous contraintes de calendriers de demande	
Renaut, Robin	University of Saskatchewan	Geological Sciences	Saskatchewan	CANADA	18/04/2008	5	\$200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hydrothermal processes in continental rifts and lacustrine basins: their role in sedimentation and paleoenvironmental significance	
Renaut, Sébastien	Université Laval	Biologie	Québec	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Base génomique et architecture génétique de l'isolement reproducteur et de la divergence adaptative chez le grand corégone (Salmonidae).	
Rendall, Drew	University of Lethbridge	Psychology and Neuroscience	Alberta	CANADA	18/04/2008	5	\$162,180	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Indexical and representational properties of human and animal communication	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Rey, Alejandro	McGill University	Chemical Engineering	Québec	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Computational modeling of functional, structural and biological materials and processes	
Rey, Alejandro	McGill University	Chemical Engineering	Québec	CANADA	18/04/2008	5	\$210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational modeling of functional, structural and biological materials and processes	
Reyes Moreno, Carlos	Université du Québec à Trois-Rivières	Chimie-biologie	Québec	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Studies of macrophage behavior changes in response to pregnancy-associated factors	
Rezania, Babak	University of British Columbia	Civil Engineering	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Implementing Anaerobic Ammonium Oxidation (Annamox) in a novel anaerobic submerged membrane bioreactor for treatment of high ammonia wastewater.	
Rheault, Mark	University of British Columbia	Okanagan - Irving K Barber School of Arts & Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$158,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular physiology of organic cation and metals excretion in insects	
Richard, Denis	Université Laval	Anatomie et physiologie	Québec	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Function of uncoupling protein 2 in the brain	
Richard, François	Université Laval	Sciences animales	Québec	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of oocyte maturation in mammals	
Richard, Marc	Université Laval	Génie mécanique	Québec	CANADA	18/04/2008	5	\$130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modélisation des systèmes multi-corps flexibles	
Richards, Miriam	Brock University	Biological Sciences	Ontario	CANADA	18/04/2008	5	\$128,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Social evolution in ground and twig-nesting bees	
Richardson, John	University of British Columbia	Forest Sciences Centre	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$98,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Resource heterogeneity and the environmental basis of productivity in flowing waters	
Richer, François	Université du Québec à Montréal	Psychologie	Québec	CANADA	16/05/2008	5	\$120,235	Discovery Grants Program - Group/ Programme de subventions à la découverte - équipe	Neuropsychology of attention	

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Riddell, Michael	York University	Kinesiology and Health Science, School of	Ontario	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanisms of exercise-induced alterations in the hypothalamo-pituitary adrenal axis activity	
Riggs, Charles	University of Toronto	Biological Sciences (Scarborough)	Ontario	CANADA	18/04/2008	1	\$107,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Plant growth facility	
Riller, Ulrich	McMaster University	Geography and Earth Sciences, School of	Ontario	CANADA	18/04/2008	5	\$105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Kinematics of rock deformation	
Rink, William	McMaster University	Geography and Earth Sciences, School of	Ontario	CANADA	18/04/2008	5	\$147,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Use of geochronology and geophysical techniques to study palaeosealevel, archaeology and sea turtle behaviour	
Rioux, David	École Polytechnique de Montréal	Génie physique	Québec	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Nanoparticules de matériau semiconducteur produites par ablation laser pour la thérapie photodynamique	
Rivers, Toby	Memorial University of Newfoundland	Earth Sciences	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	18/04/2008	5	\$205,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Tectonics of the Grenville orogen and micropetrology in metamorphic rocks	
Rivkin, Richard	Memorial University of Newfoundland	Ocean Sciences Centre	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	18/04/2008	1	\$26,835	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Field fluorometer for pigment analysis in aquatic environments	
Roberge, Daniel	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	11/06/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Measurement of Neutrino Cross-Sections on Water with the T2K Fine-Grained Detector	
Roberge, Dominique	University of Ottawa/ Université d'Ottawa	Chemical and Biological Engineering	Ontario	CANADA	18/04/2008	4	\$123,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Microreactor technology to develop new chemical routes based on highly hazardous and unstable reactions	
Robidoux, Serje	University of Waterloo	Psychology	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Conflict and cognitive control: a role for the anterior cingulate cortex in reading	
Robillard, Martin	McGill University	Computer Science, School of	Québec	CANADA	18/04/2008	2	\$48,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolving software project knowledge	
Robinson, Beren	University of Guelph	Integrative Biology	Ontario	CANADA	18/04/2008	5	\$128,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Phenotypic evolution in animals: integrating multiple roles of the	



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Robinson, Katherine	University of Regina	Psychology	Saskatchewan	CANADA	18/04/2008	2	\$30,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Children's understanding and application of the mathematical concepts of inversion and associativity	
Robinson, Vincent	University of Toronto	Geography, UTM	Ontario	CANADA	18/04/2008	3	\$45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Incorporating fuzzy sets in spatially explicit ecological modelling	
Roche, Stéphane	Université Laval	Sciences géomatiques	Québec	CANADA	18/04/2008	5	\$131,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	L'intelligence collective géospatiale au service du génie territorial	
Rocheftort, Alain	École Polytechnique de Montréal	Génie physique	Québec	CANADA	18/04/2008	5	\$160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design and Characterization of Electroactive Semiconducting Organic	
Rocheftort, Line	Université Laval	Phytologie	Québec	CANADA	16/05/2008	5	\$1,447,069	Industrial Research Chairs/ Professeurs- chercheurs industriels	NSERC Industrial Research Chair on Peatland Management	
Rochon, Frédéric	University of Toronto	Mathematics	Ontario	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Index theory in analysis and geometry	
Rock, Christine	Simon Fraser University	Biological Sciences	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	2	\$30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	The impacts of riparian habitat structure, dam operations, and nest parasitism on population growth dynamics in the Yellow Warbler (Dendroica petechia)	
Rodd, Helen	University of Toronto	Ecology and Evolutionary Biology	Ontario	CANADA	18/04/2008	5	\$128,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The role of sensory bias in the evolution of mate choice preferences in	
Rodriguez, Marco	Université du Québec à Trois- Rivières	Chimie-biologie	Québec	CANADA	18/04/2008	5	\$123,125	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Lévy-stable motions as an integrative framework for studying animal movement: field tests with	
Roesler, Roland	University of Calgary	Chemistry	Alberta	CANADA	18/04/2008	5	\$240,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design, synthesis and applications of molecular materials containing main group frameworks	
Rohlf, Katrin	Ryerson University	Mathematics	Ontario	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Numerical investigation of the breakdown of continuum descriptions in	



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Romilly, Douglas	University of British Columbia	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Holistic structural integrity process (HOLSIP) research for hybrid structure applications	
Ronconi, Robert	Dalhousie University	Biology	Nova Scotia/ Nouvelle- Écosse	CANADA	11/06/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	High seas exploitation by marine predators: Habitat selection, niche partitioning and migration of pelagic seabirds	
Ronis, David	McGill University	Chemistry	Québec	CANADA	18/04/2008	3	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure and dynamics in complex systems	
Rood, Stewart	University of Lethbridge	Biological Sciences	Alberta	CANADA	18/04/2008	5	\$300,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Adaptive physiology of riparian cottonwoods and hybrid poplars	
Roorda, Sjoerd	Université de Montréal	Physique	Québec	CANADA	18/04/2008	5	\$274,765	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Materials research with ion beams and x-rays	
Rosales, Jesusa	University of Calgary	Biochemistry and Molecular Biology	Alberta	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interactions between the streptococcal inhibitor of complement (sic) protein and its targets in	
Rose, Simon	University of British Columbia	Mathematics	British Columbia/ Colombie-Britannique	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	An application of truncated products to moduli space of surfaces	
Rosei, Federico	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	16/05/2008	2	\$90,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Functional dielectrics for organic electronic devices	
Rosei, Federico	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	18/04/2008	5	\$239,875	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Growth, processing and characterization of nanostructured materials	
Rosolowsky, Erik	University of British Columbia	Okanagan - Mathematics, Statistics and Physics Unit	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	4	\$62,592	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The origins and evolution of molecular clouds	
Ross, Brian	Lakehead University	Faculty of Medicine (West Campus)	Ontario	CANADA	18/04/2008	3	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanisms of n-3 fatty acid action	
Ross, Pierre-Simon	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Eruptive processes of maar- diatreme volcanoes and kimberlites	





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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Ross, Stephen	University of New Brunswick	Physics	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	3	\$47,760	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamic molecules: large amplitude motion, tunnelling, and dynamic processes	
Ross, Tetjana	Dalhousie University	Oceanography	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Acoustics, small-scale physics and bio-physics in the ocean	
Rostron, Benjamin	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hydrogeology, hydrochemistry and petroleum migration in the Williston Basin	
Roth, Michael	Queen's University	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Accumulation of rational points and positivity	
Rotman, Regina	University of Toronto	Mathematics	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	External objects in Riemannian geometry	
Roughley, Robert	University of Manitoba	Entomology	Manitoba	CANADA	18/04/2008	5	\$83,725	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Classification, biodiversity and biogeography of insects	
Rouiller, Isabelle	McGill University	Anatomy and Cell Biology	Québec	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigation of the mechanisms involved in the assembly of COPI- coated vesicles by cryo- electron microscopy	
Rousseau, Alain	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	18/04/2008	5	\$95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Application et amélioration de la modélisation hydrologique distribué dans un contexte de gestion par bassin	
Roussel, Marc	University of Lethbridge	Chemistry and Biochemistry	Alberta	CANADA	18/04/2008	5	\$210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stochastic and spatial effects in biochemical modeling: theory and applications	
Rouvinen-Watt, Kirsti	Nova Scotia Agricultural College	Plant and Animal Sciences	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Body condition, n-3/n-6 PUFA balance and the regulation of lipid and glucose metabolism in the mink	
Rowe, Andrew	University of Victoria	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$143,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Thermomagnetism of active magnetic regenerators	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Rowe, Kerry	Queen's University	Civil Engineering	Ontario	CANADA	18/04/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Time-dependent performance of Geo-systems	
Rowe, Locke	University of Toronto	Ecology and Evolutionary Biology	Ontario	CANADA	18/04/2008	5	\$275,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolution studies of antagonistic coevolution and the life history	
Rowe-Magnus, Dean	University of Toronto	Laboratory Medicine and Pathobiology	Ontario	CANADA	18/04/2008	3	\$63,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Retrieval of functional genes from unculturable microorganisms	
Roy, André	Université de Montréal	Géographie	Québec	CANADA	18/04/2008	5	\$260,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Flow processes and river dynamics	
Roy, Brian	Brock University	Physical Education & Kinesiology	Ontario	CANADA	18/04/2008	3	\$69,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Skeletal muscle cell volume: a regulator of metabolism	
Roy, Eric	University of Waterloo	Kinesiology	Ontario	CANADA	18/04/2008	5	\$105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Movement context in the planning and control of action sequences	
Roy, Joannie	McGill University	Parasitology, Institute of Québec (Macdonald)		CANADA	14/05/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Structural Organization of the Editosome: Biochemical and EM Characterization of the Multi-protein Complex Catalyzing RNA Editing in Iris Recognition: A Reliable and Accurate Solution for Person	
Roy, Kaushik	Concordia University	Computer Science and Software Engineering	Québec	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Genetic dissection of the host response to invading pathogens	
Roy, Marie-France	University of Calgary	Veterinary Medicine, Faculty of	Alberta	CANADA	18/04/2008	2	\$56,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Etude du rôle des superoxyde dismutases (SOD) et de leur interaction avec l'oxyde nitrique (NO) dans l'établissement de la	
Roy, Monica	Université Laval	Médecine	Québec	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Formalisation d'actions non-déterministes dans un contexte temporel et probabiliste: reconnaissance d'activités pour les patients	
Roy, Patrice	Université de Sherbrooke	Sciences, Faculté des	Québec	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D		



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Roy, René	Université du Québec à Montréal	Chimie	Québec	CANADA	18/04/2008	5	\$440,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthesis of glycomimetics and glycodendrimers of biological interests	
Roy, Roch	Université de Montréal	Mathématiques et de statistique	Québec	CANADA	18/04/2008	3	\$54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Time series analysis and modelling	
Roy, Sebastien	Université Laval	Génie électrique et génie informatique	Québec	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Towards cognitive wireless networks	
Roy, Suzanne	Université du Québec à Rimouski	Sciences de la mer de Rimouski, Institut des	Québec	CANADA	18/04/2008	5	\$98,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Warming and UV-B effects on phytoplankton communities in polar seas	
Roy-Charland, Annie	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Psychology	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Eye movements as implicit measures of attention in addiction	
Rozmus, Wojciech	University of Alberta	Physics	Alberta	CANADA	18/04/2008	5	\$238,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High intensity laser plasma interactions	
Rozon, Come	Royal Military College of Canada/ Collège militaire royal du Canada	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$87,710	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Defects simulation and evaluation of nanoelectronic devices	
Ruda, Harry	University of Toronto	Materials Science and Engineering	Ontario	CANADA	18/04/2008	5	\$152,645	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Novel excitonic-engineered nanowire structures	
Rudner, Adam Daniel	University of Ottawa/ Université d'Ottawa	Biochemistry, Microbiology and Immunology	Ontario	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure and dynamics of chromosomal domains	
Rudnicki, Piotr	University of Alberta	Computing Science	Alberta	CANADA	18/04/2008	5	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Toward a practical, mechanically checkable reasoning environment	
Rudolph, Jochen	York University	Chemistry	Ontario	CANADA	18/04/2008	5	\$160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of stable isotope ratio measurements as a tool for quantitative studies of atmospheric processing of volatile organic compound.	
Ruecker, Norma	University of Calgary	Microbiology and Infectious Diseases	Alberta	CANADA	14/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Source tracking faecal contamination in watersheds using	
Ruiz, Chris	TRIUMF	Head Office	British Columbia/ Colombie-Britannique	CANADA	16/05/2008	2	\$53,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	A new measurement of the $^{22}\text{Na}(p,g)^{23}\text{Mg}$ reaction for astrophysics	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Ruks, Tyler	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	11/06/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Stratigraphic and Paleotectonic Studies of the Middle Paleozoic Sicker Group and Contained VMS Occurences, Vancouver Island, British Columbia,	
Rusch, Leslie	Université Laval	Génie électrique et génie informatique	Québec	CANADA	18/04/2008	5	\$210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nonlinear dynamic behaviour in optical data networks: experimentation, modeling and numerical techniques	
Russell, Anthony	University of Lethbridge	Biological Sciences	Alberta	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure, function and evolution of small RNAs in unicellular eukaryotes	
Russell, Anthony	University of Calgary	Biological Sciences	Alberta	CANADA	18/04/2008	5	\$200,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolutionary origins of the gekkotan adhesive system	
Russell, James	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$250,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Transport and eruption of volatile-rich magmas: field, experimental and theoretical studies	
Ryan, Dominic	McGill University	Physics	Québec	CANADA	18/04/2008	5	\$226,790	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nuclear probes of magnetic order	
Rybicka, Joanna	University of Calgary	Microbiology and Infectious Diseases	Alberta	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The role of immunoglobulin-like transcript 2 and 4 receptors in immune tolerance to Entamoeba histolytica	
Rytwinski, Trina	Carleton University	Biology	Ontario	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The effect of road density on mammal abundance: an intertrophic level study	
Saatcioglu, Murat	University of Ottawa/ Université d'Ottawa	Civil Engineering	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Development of seismic retrofit techniques for reinforced concrete structures	
Saatcioglu, Murat	University of Ottawa/ Université d'Ottawa	Civil Engineering	Ontario	CANADA	18/04/2008	5	\$235,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of seismic retrofit techniques for reinforced concrete structures	
Sabati, Mohammad	University of Calgary	Electrical and Computer Engineering	Alberta	CANADA	18/04/2008	3	\$45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The use of fuzzy logic in magnetic resonance imaging	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Sachdev, Manoj	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	16/05/2008	2	\$67,136	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Electro-static discharge protection circuits for nano-metric CMOS technologies	
Sacher, Michael	Concordia University	Biology	Québec	CANADA	18/04/2008	3	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Studies on the mechanism of melanosome secretion	
Sadat, Fatiha	Université du Québec à Montréal	Informatique	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Towards a hybrid approach to cross-language information retrieval	
Saddler, John (Jack)	University of British Columbia	Forestry, Faculty of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$144,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Elucidating the substrate and enzyme factors that control the hydrolysis of lignocellulose	
Sadeghzadeh Milani, Abbas	University of British Columbia	Okanagan - Engineering, School of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	A multi-scale modeling and identification tool for multi-objective design optimization of woven fabrics	
Sadikot, Abbas F	McGill University	Neurology and Neurosurgery	Québec	CANADA	18/04/2008	5	\$158,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Novel roles for amino acid neurotransmitters in proliferation of striatal neuronal progenitors	
Safavi-Naieni, Rei	University of Calgary	Computer Science	Alberta	CANADA	18/04/2008	5	\$210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Authentication and identification for next generation communication systems	
Safi-Harb, Samar	University of Manitoba	Physics and Astronomy	Manitoba	CANADA	18/04/2008	5	\$186,515	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The Physics of Supernova Remnants	
Sage, Tammy	University of Toronto	Ecology and Evolutionary Biology	Ontario	CANADA	18/04/2008	5	\$135,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The effects of abiotic stress on plant reproductive development	
Sahai, Michelle	University of Oxford	Biochemistry		UNITED KINGDOM/ ROYAUME-CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Ligand- Water-Receptor Interactions in Ionotropic Glutamate Receptors	
Saimoto, Shigeo	Queen's University	Mechanical and Materials Engineering	Ontario	CANADA	18/04/2008	3	\$72,180	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Application of dynamic dislocation-defect analysis to materials engineering practice	
Saint-Amant, Louis	Université de Montréal	Pathologie et biologie cellulaire	Québec	CANADA	18/04/2008	5	\$160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Genetics and neurobiology of sensory-motor integration	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Salavatipour, Mohammad Reza	University of Alberta	Computing Science	Alberta	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Approximation algorithms, approximability, and algorithmic graph theory	
Salisbury, Shaun	University of Western Ontario	Mechanical and Materials Engineering	Ontario	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of novel actuator systems	
Salmasian, Hadi	University of Windsor	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Singular unitary representation, rank and theta correspondance	
Salomaa, Kai	Queen's University	Computing, School of	Ontario	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Descriptional complexity of finite-state machines	
Salvante, Katrina	Simon Fraser University	Biological Sciences	British Columbia/ Colombie-Britannique	CANADA	11/06/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Molecular and endocrine regulation of stage- dependent expression of large lipid transfer protein genes: Vitellogenin and very-high density lipoprotein in Lepidoptera	
Sami, Abdelkhalek	École de technologie supérieure	Génie mécanique	Québec	CANADA	23/04/2008	3	\$27,000	Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat	Réallisation et performances diélectriques de nanocomposites polymères PE/nano particules d'oxyde métalliques par extrusion	
Samokhin, Kirill	Brock University	Physics	Ontario	CANADA	18/04/2008	5	\$152,645	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theory of noncentrosymmetric and other unconventional superconductors	
Samson, John	University of Alberta	Physics	Alberta	CANADA	18/04/2008	3	\$60,372	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Energy transport in the auroral ionosphere and magnetosphere	
Samson, Réjean	École Polytechnique de Montréal	Génie chimique	Québec	CANADA	18/04/2008	5	\$182,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improving data quality in LCA- management of data gap and data consistency	
Samuels, Lacey	University of British Columbia	Botany	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$230,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cellular mechanisms for the export of specialized plant cell wall components	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Sanche, Léon	Université de Sherbrooke	Médecine nucléaire et radiobiologie	Québec	CANADA	18/04/2008	5	\$171,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	fundamental investigations of low energy (0-30 eV) electron induced processes for application to nanolithography, ballistic electronic devices and astrobiology	
Sanctuary, Bryan	McGill University	Chemistry	Québec	CANADA	18/04/2008	3	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The two dimensional spin	
Sand, Rheanna	University of Alberta	Biological Sciences	Alberta	CANADA	11/06/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Discovery of Novel Voltage-Gated Potassium Channel Blockers	
Sanderson, Kenneth	University of Calgary	Biological Sciences	Alberta	CANADA	18/04/2008	5	\$200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Genetic studies in enteric bacteria	
Sankoff, David	University of Ottawa/ Université d'Ottawa	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$330,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mathematical genomics	
Santerre, Paul	University of Toronto	Dentistry, Faculty of	Ontario	CANADA	18/04/2008	5	\$202,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Polymer synthesis of biomaterials for restoring hard and soft tissue function in oral-facila structures	
Santoro, Nicola	Carleton University	Computer Science, School of	Ontario	CANADA	18/04/2008	5	\$210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Distributed computing by mobile entities	
Santos, Marcelo	University of New Brunswick	Geodesy and Geomatics Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multi-constellation algorithms for precise GNSS positioning	
Santyr, Giles	University of Western Ontario	Medical Biophysics	Ontario	CANADA	18/04/2008	5	\$185,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Approaches for hyperpolarized noble gas magnetic resonance imaging of rodent lungs	
Saravanamuttu, Kalaichelvi	McMaster University	Chemistry	Ontario	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nonlinear light propagation in photoresponsive systems	
Sarhan, Fathey	Université du Québec à Montréal	Sciences biologiques	Québec	CANADA	18/04/2008	5	\$370,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cellular and molecular basis of low temperature tolerance in cereals	
Sarkar, Anoop	Simon Fraser University	Computing Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Semi-supervised learning for natural language processing	



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Sarris, Costas	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multiscale computational electromagnetics	
Sathiamoorthy, Sarmita	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Analysis of gene expression of mannheimia haemolytica a1 in the natural bovine host during the course of induced	
Satish Shah, Aashish	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Development of low stress thermosonic copper ball bonding process	
Satish, Mysore	Dalhousie University	Civil and Resource Engineering	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modeling of surface water (stream temperatures) and groundwater systems and experimental study of dynamics of circular water intake structures	
Satyro, Marco	University of Calgary	Chemical and Petroleum Engineering	Alberta	CANADA	18/04/2008	3	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Application of ionic liquids for natural gas dehydration and sweetening	
Saucier, Antoine	École Polytechnique de Montréal	Mathématiques et génie industriel	Québec	CANADA	18/04/2008	3	\$36,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multiscale methods for signal processing and image synthesis	
Saucier, Caroline	Université de Sherbrooke	Anatomie et biologie cellulaire	Québec	CANADA	24/06/2008	5	\$200,505	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The role of met receptor in morphogenesis and renewal of the intestinal	
Saunders, Gary	University of New Brunswick	Biology (Fredericton)	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$246,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular systematics & biodiversity of marine macroalgae with emphasis on the Canadian flora	
Sauvé, Sébastien	Université de Montréal	Chimie	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Environmental fate of emerging contaminants	
Savage, Gordon	University of Waterloo	Systems Design Engineering	Ontario	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modelling and simulation of random path degradation processes	
Savoie, Philippe	Université Laval	Sols & de génie agroalimentaire	Québec	CANADA	18/04/2008	5	\$183,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Monitoring and treatment of harvested forages and crop biomass	
Savory, Eric	University of Western Ontario	Mechanical and Materials Engineering	Ontario	CANADA	18/04/2008	5	\$128,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interaction of multiple jets and plumes	



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Sawatzky, George	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$475,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The electronic structure of strongly correlated electron systems	
Saxena, Swati	University of Guelph	Human Health and Nutritional Sciences	Ontario	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Cell surface GLUT4 activity	
Sayari, Abdelhamid	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	16/05/2008	3	\$204,000	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Novel CO2 adsorbents for anaesthesia delivery apparatus	
Sayari, Abdelhamid	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	18/04/2008	5	\$430,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nanostructured materials for catalysis, separation and sensing	
Scaiano, Juan (Tito)	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	18/04/2008	5	\$1,000,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applied physical organic chemistry	
Scarratt, Michael	Université Laval	Biologie	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Climate-active gases in canadian waters: dimethylsulfide and nitrous oxide	
Schaeffer, Jonathan	University of Alberta	Computing Science	Alberta	CANADA	18/04/2008	5	\$305,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	General game-playing programs	
Schaper, Frank	Université de Montréal	Chimie	Québec	CANADA	18/04/2008	3	\$111,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Transition metal reagents for organic transformations	
Scharer, Jenö	University of Waterloo	Chemical Engineering	Ontario	CANADA	18/04/2008	3	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Recombinant protein bioprocess optimization using emerging expression platforms	
Schellinck, Heather	Dalhousie University	Psychology	Nova Scotia/ Nouvelle- Écosse	CANADA	16/05/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Olfactory cognition in mouse models of human disease	
Schieber, Andreas	University of Alberta	Agricultural, Food and Nutritional Science	Alberta	CANADA	18/04/2008	5	\$155,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Characterization of polyphenol-protein reactions in model systems and foods	
Schild-Poulter, Caroline	University of Western Ontario	Biochemistry	Ontario	CANADA	18/04/2008	3	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular determinants of ku function in non- homologous end-joining and DNA damage signaling pathways	
Schincariol, Robert	University of Western Ontario	Earth Sciences	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Thermal plume transport, remediation, and utilization in groundwater	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Schindler, Michael	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Earth Sciences	Ontario	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Uptake and release of heavy metals by minerals and rock coatings	
Schiopu-Kratina, Ioana	University of Ottawa/ Université d'Ottawa	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Martingale and multivariate asymptotic results for analysis of	
Schipper, Derek	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Rapid Functionalization of Azines	
Schirmacher, Ralf	McGill University	Neurology and Neurosurgery	Québec	CANADA	18/04/2008	3	\$126,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Targeted radiopharmaceutical delivery to the brain	
Schlaf, Marcel	University of Guelph	Chemistry	Ontario	CANADA	18/04/2008	5	\$205,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Homogeneous ionic hydrogenation and hydrogenolysis catalysts for the selective deoxygenation of sugar polyalcohols and lignins	
Schmerk, Crystal	University of Victoria	Biochemistry and Microbiology	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Determining the role of the francisella pathogenicity island protein PdpA	
Schmid, Susanne	University of Western Ontario	Anatomy and Cell Biology	Ontario	CANADA	18/04/2008	5	\$109,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cellular and molecular mechanisms underlying behaviour and learning in mammals	
Schmidt, Philip	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Quantification of Method-associated Variability in Microbial Data: Assessment of Recovery and Estimation of Particle	
Schmitzer, Andreea	Université de Montréal	Chimie	Québec	CANADA	18/04/2008	3	\$105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interlocked molecules in catalysis and biological applications	
Schneider, Bruce Alton	University of Toronto	Psychology, UTM	Ontario	CANADA	18/04/2008	5	\$324,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Studies in sensory information processing: sensory-cognitive interactions	
Schneider, Gerald	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	18/04/2008	5	\$123,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational methods for fluid flow, heat transfer, and microfluidics	
Schober, Robert	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	High data rate communication for future wireless systems	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Schofield, Jeremy	University of Toronto	Chemistry	Ontario	CANADA	18/04/2008	5	\$310,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theoretical studies of complex systems	
Schoof, Christian	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Models and observational constraints for fast ice flow and marine ice sheet dynamics	
Schoof, Christian	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$44,400	Discovery Grants Program - Northern Research Supplement/ Programme de subventions à la découverte - supplément en recherche nordique	Observational constraints on glacier sliding laws	
Schrader, John	University of British Columbia	Biomedical Research Centre (The)	British Columbia/ Colombie-Britannique	CANADA	16/05/2008	3	\$278,378	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Microfluidic technologies for high-throughput monoclonal antibody selection from single cells	
Schriemer, David	University of Calgary	Biochemistry and Molecular Biology	Alberta	CANADA	18/04/2008	2	\$50,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Exploring the utility of mass spectrometric data for enhancing protein structure modeling	
Schroeder, Bianca	University of Toronto	Computer Science	Ontario	CANADA	18/04/2008	5	\$88,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Understanding and coping with failure at scale	
Schroeder, Dana	University of Manitoba	Botany	Manitoba	CANADA	18/04/2008	5	\$170,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	DDB1 complexes in arabidopsis visible and UV light response	
Schulte, Oliver	Simon Fraser University	Computing Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Machine learning for entity- relationship databases	
Schuurmans, Dale	University of Alberta	Computing Science	Alberta	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Learning structure models from complex data: principles and algorithms	
Schuurmans, Dale	University of Alberta	Computing Science	Alberta	CANADA	18/04/2008	5	\$267,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Learning structure models from complex data: principles and algorithms	
Schwartz, Jean-Louis	Université de Montréal	Physiologie	Québec	CANADA	18/04/2008	5	\$257,795	Discovery Grants Program - Group/ Programme de subventions à la découverte - équipe	Cellular and molecular determinants of biopesticide host-pathogen	
Schwartz, Joshua	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunication - Montréal	Québec	CANADA	23/04/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Static and Dynamic Pulse- Shaping Systems for Ultra- Wideband Communication	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Schweizer, Frank	University of Manitoba	Chemistry	Manitoba	CANADA	18/04/2008	5	\$210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthetic and structural studies on hydroxyproline-rich glycopeptides	
Scoates, James	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigating the birth and death of large igneous provinces	
Scotland, Phoebe	University of Texas Health Science Center at San Antonio	Pharmacology	Texas	UNITED STATES/ ÉTATS-UNIS	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Role of endogenous prolactin in nociceptive signaling	
Scott, Robert	University of Saskatchewan	Chemistry	Saskatchewan	CANADA	18/04/2008	2	\$64,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structural control of nanoparticles catalysts and sensors	
Secco, Richard	University of Western Ontario	Earth Sciences	Ontario	CANADA	18/04/2008	5	\$255,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Experimental earth and planetary materials sciences at extreme conditions of pressure and	
Seetharaman, Koushik	University of Guelph	Food Science	Ontario	CANADA	18/04/2008	2	\$44,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Understanding starch granule architecture and its relationship to starch functionality	
Sefton, Michael	University of Toronto	Chemical Engineering and Applied Chemistry	Ontario	CANADA	18/04/2008	5	\$323,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Tissue engineering	
Segal, Dvira	University of Toronto	Chemistry	Ontario	CANADA	18/04/2008	3	\$120,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Energy flow in nanoscopic interfaces and single molecules: from fundamental concepts to	
Segalowitz, Sidney	Brock University	Psychology	Ontario	CANADA	18/04/2008	5	\$134,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	ERP measures of anterior cingulate cortex activation	
Sego, David	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Material behavior and its impact on northern resource development	
Sego, David	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	18/04/2008	5	\$250,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Material behavior and its impact on northern resource development	
Seidou, Ousmane	University of Ottawa/ Université d'Ottawa	Civil Engineering	Ontario	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Uncertainty analysis and detection of structural changes in environmental systems dynamics for a better understanding of climatic and anthropogenic risks	





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Seif El-Nasr, Magy	Simon Fraser University	Interactive Arts and Technology, School of (SIAT)	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Adaptive cinematic authoring tools for interactive 3D	
Selvarajah, Esaigani	University of Windsor	Business, Odette School of	Ontario	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Batch scheduling in supply chains	
Semenikhin, Oleg	University of Western Ontario	Chemistry	Ontario	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Conducting Polymer Based Materials for Solar Energy Conversion	
Semple, John	University of Waterloo	Biology	Ontario	CANADA	18/04/2008	5	\$78,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biosystematic studies on the goldenrod genus solidago and related astereae	
Sen, Arindom	University of Calgary	Chemical and Petroleum Engineering	Alberta	CANADA	18/04/2008	5	\$110,700	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bioprocess development for the large scale production and differentiation of	
Sen, Arusharka	Concordia University	Mathematics and Statistics	Québec	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cure-rates and shape-restricted hazard functions under censoring	
Sendova, Kristina Paskova	University of Western Ontario	Statistical and Actuarial Sciences	Ontario	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Alternative ruin theory models:barrier strategies, generalized cramér-lundberg model	
Sennah, Khaled	Ryerson University	Civil Engineering	Ontario	CANADA	18/04/2008	5	\$105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structural design issues for integral abutment bridges	
Sepehri, Nariman	University of Manitoba	Mechanical and Manufacturing Engineering	Manitoba	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Controller design, analysis and diagnosis in fluid power actuation systems: challenges in fundamentals and applications	
Servio, Phillip	McGill University	Chemical Engineering	Québec	CANADA	18/04/2008	5	\$125,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Kinetic, equilibrium and morphology study of gas hydrates systems	
Sesay, Abu-Bakarr	University of Calgary	Electrical and Computer Engineering	Alberta	CANADA	18/04/2008	5	\$131,560	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bluetooth-based radio access with asymmetric processing	
Seyed-Mahmoud, Behnam	University of Lethbridge	Arts and Science, Faculty of	Alberta	CANADA	16/05/2008	5	\$87,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamics of the earth and planetary deep interiors	
Shadwick, Robert	University of British Columbia	Zoology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$270,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrative biomechanics of marine organisms: locomotor systems	



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Shah Heydari, Shahram	University of Ontario Institute of Technology	Business and Information Technology, Faculty of	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Methods for protection and restoration from large-scale failures in telecommunication	
Shah, Manoj	University of Calgary	Civil Engineering	Alberta	CANADA	11/06/2008	2	\$28,750	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Pedestrian safety in Calgary	
Shaker, Jafar	Carleton University	Electronics	Ontario	CANADA	18/04/2008	5	\$86,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of EBG-based phased-array mm-wave antennas	
Shallit, Jeffrey	University of Waterloo	Computer Science, School of	Ontario	CANADA	18/04/2008	5	\$205,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Descriptional complexity, combinatorics on words, formal languages and number theory	
Shames, Stephanie	University of British Columbia	Microbiology and Immunology	British Columbia/Colombie-Britannique	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Elucidating the function of an Enteropathogenic Escherichia coli type-III secreted effector protein	
Shan, Gongbing	University of Lethbridge	Kinesiology and Physical Education	Alberta	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Novel test conditions for examining internal loading as affected by external loading factors related to ergonomics equipment design	
Shang, Helen (Huilan)	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Engineering, School of	Ontario	CANADA	18/04/2008	5	\$120,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Identification of distributed parameter systems using subspace methods	
Shang, Wei	University of New Brunswick	Electrical and Computer Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Playback attack detection in speaker verification	
Sharara, Ishmael	University of Waterloo	Statistics and Actuarial Science	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Risk Capital Assessment for Insurers	
Sharifi Tehrani, Saeed	McGill University	Electrical and Computer Engineering	Québec	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Stochastic decoding of error-correcting codes	
Sharlin, Ehud	University of Calgary	Computer Science	Alberta	CANADA	18/04/2008	5	\$86,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Exploring physicality in interaction	
Sharma, Abhay	Ryerson University	Graphic Communications Management, School of	Ontario	CANADA	18/04/2008	5	\$81,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantification of colour in imaging systems	
Sharma, Jitendrapal	University of Saskatchewan	Civil and Geological Engineering	Saskatchewan	CANADA	18/04/2008	5	\$95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stability of large embankments founded on glaciated soils	

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Sharma, Kumar	University of Manitoba	Physics and Astronomy	Manitoba	CANADA	16/05/2008	3	\$600,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	Mass measurements among stable and unstable nuclei using the Canadian Penning trap mass	
Sharom, Frances	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	18/04/2008	5	\$303,625	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interaction of membrane- associated proteins with lipids, bilayers and lipid raft microdomains	
Shastri, Bhavin	McGill University	Electrical and Computer Engineering	Québec	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Burst-mode clock and data recovery circuits for optical multi-access networks	
Shaver, Michael	University of Prince Edward Island	Chemistry	Prince Edward Island/ Île-du-Prince-Édouard	CANADA	18/04/2008	3	\$96,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Iron and aluminum phosphido complexes for the stereocontrolled synthesis of biodegradable polymer brushes and stars	
Shcherbakov, Robert	University of Western Ontario	Earth Sciences	Ontario	CANADA	18/04/2008	5	\$105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Seismicity analyses utilizing large-scale computer simulations	
Shea, Jennifer	Memorial University of Newfoundland	Medicine, Faculty of	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The functional role of PDK4 in energy homostasis during a high	
Sheardown, Heather	McMaster University	Chemical Engineering	Ontario	CANADA	18/04/2008	5	\$144,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Materials for drug and cell delivery in ophthalmic applications	
Shegelski, Mark	University of Northern British Columbia	Physics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$39,252	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Tunnelling of molecules and quantum decay	
Shehata, Medhat	Ryerson University	Civil Engineering	Ontario	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Innovative applications and durability of concrete containing construction and industrial by-products	
Sheikh, Shamim	University of Toronto	Civil Engineering	Ontario	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Behaviour of new and existing concrete structures	
Shemanko, Carrie	University of Calgary	Biological Sciences	Alberta	CANADA	18/04/2008	2	\$40,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mammary gland biology - differentiation and development	
Shen, Sijing	McMaster University	Physics and Astronomy	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Metals in the intergalactic medium	
Shen, Weiming	University of Western Ontario	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Agent-based distributed dependable systems	



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Shen, Yanan	Université du Québec à Montréal	GEOTOP-UQAM-McGILL (Centre recherche géochimie et géodynamique)	Québec	CANADA	18/04/2008	3	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Reconstructing early ocean chemistry in space and time	
Sheng, Yi	York University	Biology	Ontario	CANADA	24/06/2008	5	\$130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structural and functional study of the yeast PHD finger proteins	
Shepard, Terry	Royal Military College of Canada/ Collège militaire royal du Canada	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$93,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improving practice for software with safety implications	
Shepherd, Gordon	York University	Earth and Space Science and Engineering	Ontario	CANADA	18/04/2008	5	\$220,875	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamical origins of upper atmospheric variability	
Shepherd, Marianna	York University	Research in Earth and Space Science, Centre for	Ontario	CANADA	18/04/2008	5	\$88,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Temperature, water vapour and aerosol studies in the middle atmosphere	
Sherman, John	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$159,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthetic proteins and G-quartets	
Sherry, David	University of Western Ontario	Psychology	Ontario	CANADA	18/04/2008	5	\$169,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Specializations in memory, cognition and the brain	
Sherwood Lollar, Barbara	University of Toronto	Geology	Ontario	CANADA	18/04/2008	5	\$257,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hydrogen and methane from precambrian shield rocks and microbiological sinks for gases produced by water-rock interactions: energy for the deep	
Sherwood, Edward	Carleton University	Civil and Environmental Engineering	Ontario	CANADA	18/04/2008	5	\$101,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Shear behaviour of modern, durable concrete materials	
Shi, Chunming	Wilfrid Laurier University	Business	Ontario	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Supply chain management under satisficing objectives and multiple objectives	
Shi, Rushen	Université du Québec à Montréal	Psychologie	Québec	CANADA	18/04/2008	5	\$119,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional morphemes and mechanisms of early language processing	
Shilton, Brian	University of Western Ontario	Biochemistry	Ontario	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Energetic coupling in ABC transport systems	
Shimizu, George	University of Calgary	Chemistry	Alberta	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Properties and applications of metal organic frameworks	



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Shimizu, George	University of Calgary	Chemistry	Alberta	CANADA	18/04/2008	5	\$300,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Properties and applications of metal organic frameworks	
Shipley, Paul	University of British Columbia	Okanagan - Chemistry & Earth and Environmental Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$66,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mutasynthesis of asukamycin analogues	
Shoemaker, Kevin	University of Western Ontario	Kinesiology, School of	Ontario	CANADA	18/04/2008	5	\$225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Sympathetic neural discharge patterns, co- transmitters and neurovascular control	
Short, Steven	University of Toronto	Biology, UTM	Ontario	CANADA	18/04/2008	3	\$54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The molecular ecology of phytoplankton and their viruses	
Shultz, Sandy	University of Western Ontario	Psychology	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Detailed behavioural analysisfollowing multiple mild head injuries in rats: Towards an animal model of sports concussion injury	
Shurin, Jonathan	University of British Columbia	Zoology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ecological and evolutionary dynamics of ecosystems	
Sica, Robert	University of Western Ontario	Physics and Astronomy	Ontario	CANADA	18/04/2008	5	\$171,790	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Lidar measurements of dynamics and composition in earth's atmosphere	
Siddiqi, Kaleem	McGill University	Computer Science, School of	Québec	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Geometric flows for shape analysis	
Siddiqi, Kaleem	McGill University	Computer Science, School of	Québec	CANADA	18/04/2008	5	\$230,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geometric flows for shape analysis	
Siddiqui, Kamran	Concordia University	Mechanical and Industrial Engineering	Québec	CANADA	18/04/2008	5	\$113,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigation of thermofluid processes in the interfacial region	
Siemens, Gregory	Royal Military College of Canada/ Collège militaire royal du Canada	Civil Engineering	Ontario	CANADA	18/04/2008	5	\$116,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Unsaturated swelling soil and soil-geosynthetics systems	
Sigler, Lynne	University of Alberta	Devonian Botanic Garden	Alberta	CANADA	16/05/2008	5	\$273,000	Major Resources Support Program/ Programme d'appui aux ressources majeures	University of Alberta microfungus collection and herbarium (UAMH)□	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Signorell, Ruth	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$156,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure and dynamics of aerosols and nanoparticles	
Sigurdson, Lorenz	University of Alberta	Mechanical Engineering	Alberta	CANADA	18/04/2008	5	\$93,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure and control of fluid flows	
Sigut, Thomas	University of Western Ontario	Physics and Astronomy	Ontario	CANADA	18/04/2008	3	\$44,175	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Astrophysical diagnostics of circumstellar disks	
Silva, Carlos	Université de Montréal	Physique	Québec	CANADA	18/04/2008	5	\$213,705	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Unravelling electronic dynamics in supramolecular semiconductors from femtoseconds to	
Silveston, Peter	University of Waterloo	Chemical Engineering	Ontario	CANADA	16/06/2008	1	\$125,000	Idea to Innovation/ De l'idée à l'innovation	Supercritical process for linear alkylbenzene sulfonate production	
Simpson, Bruce	University of Waterloo	Computer Science, School of	Ontario	CANADA	18/04/2008	3	\$62,301	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Research in unstructured meshing	
Singh, Shiva	University of Western Ontario	Biology	Ontario	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Genetic regulatory mechanisms: studies on genes responsive to ethanol	
Singhal, Anthony	University of Alberta	Psychology	Alberta	CANADA	18/04/2008	5	\$84,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The neural basis of interactions between attention, memory, &	
Sirois, Frédéric	École Polytechnique de Montréal	Génie électrique	Québec	CANADA	18/04/2008	1	\$150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	7T helmotz pair magnet with variable temperature insert for characterization of high temperature superconductors	
Sirois, Pascal	Université du Québec à Chicoutimi	Sciences fondamentales	Québec	CANADA	18/04/2008	3	\$123,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Capacité de support du lac Saint-Jean pour l'éperlan arc-en-ciel	
Sitar, Scott	University of British Columbia	Mathematics	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Extending the Scope of Symmetry Methods for Partial Differential	
Siu, Wai-Man (Paul)	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Exploration of novel weakly coordinating anions containing phosphorus centres	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Skandalis, Adonis	Brock University	Biological Sciences	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Assessing the adaptive significance of alternative gene splicing using a phylogenetic approach	
Skene, William	Université de Montréal	Chimie	Québec	CANADA	18/04/2008	5	\$225,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Preparation and characterization of novel azomethine comonomers prepared from conjugated aminothiophene comonomers	
Skinner, Darlene	Memorial University of Newfoundland	Psychology (St. John's)	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	5	\$129,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of orientation and surface properties in spatial learning	
Slater, Simon	University of Alberta	Renewable Resources	Alberta	CANADA	11/06/2008	2	\$30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Use of location data to inform conservation of woodland caribou in	
Sleiman, Hanadi	McGill University	Chemistry	Québec	CANADA	16/05/2008	3	\$277,200	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Microfluidic detection system for profiling multiple cancer biomarkers in serum with ultrahigh sensitivity and specificity	
Sleiman, Hanadi	McGill University	Chemistry	Québec	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Self-assembly of DNA and biologically enabled polymers	
Sleiman, Hanadi	McGill University	Chemistry	Québec	CANADA	18/04/2008	5	\$275,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Self-assembly of DNA and biologically enabled polymers	
Small, Christopher	University of Waterloo	Statistics and Actuarial Science	Ontario	CANADA	18/04/2008	3	\$36,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analytic and Geometric Tools for Statistical Inference	
Smida, Besma	Harvard University	Physics	Massachusetts	UNITED STATES/	14/05/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Satellite to airborne Communications	
Smith, Andra	University of Ottawa/ Université d'Ottawa	Psychology, School of	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Maximizing fMRI results for the study of executive functioning by combining BOLD and ASL methods	
Smith, Donald	McGill University	Plant Science	Québec	CANADA	18/04/2008	1	\$38,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Rhizobacterial signaling: discovering new controls on plant growth	
Smith, Erin	St. Francis Xavier University	Earth Sciences	Nova Scotia/ Nouvelle- Écosse	CANADA	25/06/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Nitrogen dynamics under different water table management regimes	



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Smith, James	McMaster University	Geography and Earth Sciences, School of	Ontario	CANADA	18/04/2008	5	\$109,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Soil remediation and dynamics hydraulic properties	
Smith, Kevin	University of British Columbia	Chemical and Biological Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$216,550	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Catalysis for gas-to-liquid processes and hydrogen production	
Smith, Reginald	Queen's University	Mechanical and Materials Engineering	Ontario	CANADA	18/04/2008	3	\$72,180	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Some aspects of solidification: solute transport in the generation of microstructure	
Smith, Spencer	McMaster University	Computing and Software	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improving the quality of scientific computing via software engineering methodologies	
Smylie, Douglas	York University	Earth and Space Science and Engineering	Ontario	CANADA	18/04/2008	3	\$45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Earth dynamics	
Smyth, Tamara	Simon Fraser University	Computing Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	2	\$32,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Physics-based sound synthesis and model parameter estimation	
Smyth, Thomas	Georgia Institute of Technology	Computing, College of	Georgia/ Georgie	UNITED STATES/ ÉTATS-UNIS	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Online collaborative visualization of argumentation	
Snider, David	University of Waterloo	Environment and Resource Studies	Ontario	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Nitrous oxide production in agricultural and temperate forest soils: using delta 15N and delta 18O values to characterize production pathways.	
Snow, Alison	Queen's University	Civil Engineering	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Treatment of aromatic compounds using oxidase enzymes	
Snyder, Janice	University of British Columbia	Okanagan - Psychology & Computer Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$77,195	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanisms of selective attention	
So, Leslie Ann	University of British Columbia	Biomedical Research Centre (The)	British Columbia/ Colombie-Britannique	CANADA	14/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Investigating the role of CD34 in adult skeletal muscle regeneration	
Soares, Joao	University of Waterloo	Chemical Engineering	Ontario	CANADA	18/04/2008	5	\$158,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced hybrid polyolefins	

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Sobie, Randall	University of Victoria	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$492,000	Subatomic Physics Envelope - Major Resources Support Program/ Enveloppe de physique subatomique - programme d'appui aux ressources majeures	HEPNet	
Sobot, Robert	University of Western Ontario	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biologically inspired mixed-signal integrated circuits	
Sofko, George	University of Saskatchewan	Physics and Engineering Physics	Saskatchewan	CANADA	18/04/2008	5	\$682,000	Major Resources Support Program/ Programme d'appui aux ressources majeures	The Canadian SuperDARN/PolarDARN facility	
Sokhanvar, Saeed	Massachusetts Institute of Technology	Mechanical Engineering	Massachusetts	UNITED STATES/ ÉTATS-UNIS	14/05/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	MEMS Sensors and Actuators for Biomedical Applications	
Soldatov, Dmitriy	University of Guelph	Chemistry	Ontario	CANADA	18/04/2008	3	\$96,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Supramolecular materials based on lower peptides and low-dimensional coordination polymers	
Soldera, Armand	Université de Sherbrooke	Chimie	Québec	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multi-scale approach to study soft matter	
Soliman, Haithem Talaat Elsayed	University of Manitoba	Civil Engineering	Manitoba	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	A Model For Determining The Resilient Modulus For Typical Subgrade Soils	
Soliman, Hassan	University of Manitoba	Mechanical and Manufacturing Engineering	Manitoba	CANADA	18/04/2008	5	\$178,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Research on the fluid dynamics and heat transfer of single and multiphase systems	
Soltan Mohammadzadeh, Jafar	University of Saskatchewan	Chemical Engineering	Saskatchewan	CANADA	18/04/2008	4	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Environmental remediation using catalytic ozonation with surface bonded hydrophobic heterogeneous catalysts	
Solymosi, Jozsef	University of British Columbia	Mathematics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Problems in additive combinatorics	
Somers, Christopher	University of Regina	Biology	Saskatchewan	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Environmental factors affecting heritable mutation frequencies in vertebrates	
Sone, Eli	University of Toronto	Dentistry, Faculty of	Ontario	CANADA	18/04/2008	4	\$92,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biological fibres: self-assembly, structure, and surface attachment	



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Song, Wei	McMaster University	Electrical and Computer Engineering	Ontario	CANADA	23/04/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Adaptive Admission Control and QoS Delivery for Heterogeneous Wireless Networks	
Song, Xin-Ming	University of Saskatchewan	VIDO-Vaccine and Infectious Diseases Organization	Saskatchewan	CANADA	24/06/2008	5	\$105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Characterization of two-component systems 07 and 08 in streptococcus pneumoniae	
Sorenson, Paul	University of Alberta	Computing Science	Alberta	CANADA	18/04/2008	3	\$98,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Software quality assessment and improvement in service-	
Souden, Mehrez	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunication - Montréal	Québec	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Exploitation optimale des réseaux de microphones pour la réduction du bruit et la localisation de sources acoustiques	
Soulis, Eric	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	18/04/2008	5	\$130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of the TILE approach: a near surface lateral-flow interface for hydrological atmosphere and groundwater models	
Sousa, Antonio	University of New Brunswick	Mechanical Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$173,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Numerical and physical modelling and characterization of nanofluids and fibrous medium flow	
Spaner, Dean	University of Alberta	Agricultural, Food and Nutritional Science	Alberta	CANADA	18/04/2008	5	\$115,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Agronomy, genetics and breeding of wheat for organic environments	
Spaniol, Julia	Ryerson University	Psychology	Ontario	CANADA	24/06/2008	5	\$99,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Motivated Learning in younger and older adults: Behavioural and neuroimaging studies	
Sparling, Bruce	University of Saskatchewan	Civil and Geological Engineering	Saskatchewan	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Life cycle performance assessment and prediction for bridges	
Speissegger, Patrick	McMaster University	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	O-minimal structures	
Spelt, Jan	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applications of controlled erosion: vibratory finishing and abrasive jet micro-machining	



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Sperling, Felix	University of Alberta	Biological Sciences	Alberta	CANADA	18/04/2008	5	\$305,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Speciation, phylogeny and diversity of insects	
Spiteri, Raymond	University of Saskatchewan	Computer Science	Saskatchewan	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optimized time-stepping methods for the numerical solution of differential equations	
Spriet, Lawrence	University of Guelph	Human Health and Nutritional Sciences	Ontario	CANADA	16/05/2008	1	\$53,397	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Whole body metabolic cart system	
Spyksma, Kyle	Redeemer University College	Mathematics	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High-resolution study of turbulence and phase changes in convective clouds	
Srivastava, Krishan	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High voltage insulation and power systems engineering	
St. Louis, Vincent	University of Alberta	Biological Sciences	Alberta	CANADA	16/05/2008	1	\$35,128	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Quttinirpaaq/Lake Hazen polar field laboratory	
Stacey, Melissa	University of Otago	Pathology		NEW ZEALAND/ NOUVELLE- ZÉLANDE	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Antioxidant pathways for disposing of non-radical neutrophil-derived oxidants: Identification and characterization of susceptible target proteins in relation to redox signalling pathways	
Stafford, Luc	Université de Montréal	Physique	Québec	CANADA	16/05/2008	5	\$159,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fundamentals of plasma- surface interactions in complex materials processing	
Stafford, Luc	Université de Montréal	Physique	Québec	CANADA	18/04/2008	1	\$146,270	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Spectroscopic ellispometer for in-situ investigations of plasma-surface interactions	
Stanley, Clifford	Acadia University	Geology	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Lithogeochemistry of material transfer processes important to Canadian resource industries	
Stanley, Donald	University of Regina	Mathematics and Statistics	Saskatchewan	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geometric constructions in homotopy theory	

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Stanley, Kevin	University of Saskatchewan	Computer Science	Saskatchewan	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Heterogeneous sensor network deployment and monitoring for scaler fields	
Stashuk, Daniel	University of Waterloo	Systems Design Engineering	Ontario	CANADA	16/05/2008	2	\$144,312	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Clinical characterization of muscle using quantitative electromyographic signal analysis	
Stasolla, Claudio	University of Manitoba	Plant Science	Manitoba	CANADA	18/04/2008	5	\$205,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of embryo development in culture	
Staveley, Mark	Memorial University of Newfoundland	Computer Science	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	National Digital Library for Chemical Structures	
St-Denis, Richard	Université de Sherbrooke	Informatique	Québec	CANADA	18/04/2008	5	\$98,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Controller synthesis for infinite-state systems / synthese de controleurs pour des systemes a espace d'états infini	
Steimle, Viktor	Université de Sherbrooke	Biologie	Québec	CANADA	18/04/2008	2	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of MHC class II genes and molecules	
Steinback, Craig	University of Western Ontario	Kinesiology, School of	Ontario	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Differential influences of chemostimuli on autonomic patterning	
Steinberg, Adam	University of Michigan	Aerospace Engineering	Michigan	UNITED STATES/ ÉTATS-UNIS	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Cinema Imaging of Subgrid Turbulence Effects on Chemical Reactions and Flame Surface Dynamics in Turbulent Premixed Combustion	
Stephen, James	University of British Columbia	Wood Science	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Techno-economic simulation and risk mitigation strategies for the Canadian forest biorefinery	
Stéphanne, Alex	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Estimation of the time- varying paramets characterizing the wireless channels in cellular	
Stevanovski, Biljana	University of New Brunswick	Psychology (Fredericton)	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigating object and spatial working memory	
Stevens, Don	University of Prince Edward Island	Veterinary Medicine, Faculty of	Prince Edward Island/ Île-du-Prince-Édouard	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fundamental aspects of analgesia in fish	





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Stevenson, Ross Kelly	Université du Québec à Montréal	GEOTOP-UQAM-McGILL (Centre recherche géochimie et géodynamique)	Québec	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Origins of the mantle and crust: Isotopic studies from an adolescent earth	
Stewart, Cameron	University of Waterloo	Pure Mathematics	Ontario	CANADA	18/04/2008	5	\$210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Effective methods in number theory	
Stewart, Donald	Acadia University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$137,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular evolutionary genetics of bivalve mitochondrial DNA	
St-Georges, Lyne	Université du Québec à Chicoutimi	Sciences appliquées	Québec	CANADA	18/04/2008	3	\$54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Étude thermo-physique du soudage par friction malaxage	
St-Hilaire, André	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modélisation et analyse statistique des variables de quantité et de qualité de l'eau pour l'estimation de débits réservés	
Stokke, Anna	University of Winnipeg	Mathematics and Statistics	Manitoba	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Representation of classical and quantum groups	
Stolle, Dieter	McMaster University	Civil Engineering	Ontario	CANADA	18/04/2008	5	\$95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evaluation and sensitivity of pavement-subgrade systems	
Stoltz, Donald	Dalhousie University	Microbiology and Immunology	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$170,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	In vitro systems for studying ichnovirus infection	
Stone, Jonathon	McMaster University	Biology	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Transdisciplinary & multilevel studies in computational biology	
Stone, Micheal	University of Waterloo	Planning, School of	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Understanding and mitigating the effects of vegetation change on the storage and transport of fine sediment and associated nutrients in forested watersheds	
St-Onge, Guillaume	Université du Québec à Rimouski	Sciences de la mer de Rimouski, Institut des	Québec	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Late quaternary high frequency geomagnetic field dynamics	
St-Onge, Guillaume	Université du Québec à Rimouski	Sciences de la mer de Rimouski, Institut des	Québec	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Late quaternary high frequency geomagnetic field dynamics	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Strachan, Ian	McGill University	Natural Resource Sciences	Québec	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Controls on carbon exchange in Boreal ecosystems	
Stringham, Eve	Trinity Western University	Biology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	2	\$56,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Elucidating the role of unc-53 and its molecular partners in actin mediated	
Stroman, Patrick	Queen's University	Diagnostic Radiology	Ontario	CANADA	18/04/2008	5	\$110,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of tools for non-invasive human spinal cord research	
Strong, David	Queen's University	Chemical Engineering	Ontario	CANADA	16/06/2008	5	\$1,000,000	Chairs in Design Engineering/ Chaires en génie de la conception	NSERC Chair in Design Engineering	
Su, Chun-Yi	Concordia University	Mechanical and Industrial Engineering	Québec	CANADA	18/04/2008	5	\$122,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamic control of nonlinear systems involving nonsmooth nonlinearity with application to industrial	
Su, Zheng	University of Oxford	Physical & Theoretical Chemistry Laboratory		UNITED KINGDOM/ ROYAUME- CANADA	16/04/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Molecular Recognition: Probing Carbohydrate-Protein Interactions	
Subramanian, Ramesh	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Engineering, School of	Ontario	CANADA	18/04/2008	2	\$40,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthesis, characterization and rheology of hyperbranched polymers	
Suh, Dae-Yeon	University of Regina	Chemistry and Biochemistry	Saskatchewan	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Enzymes of the chalcone synthase superfamily from plants and microorganisms	
Sui, Jueyi	University of Northern British Columbia	Environmental Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Impact of ice cover on riverbed scour processes in the vicinity of bridge abutments - a clear-water experimental study	
Suleman, Afzal	University of Victoria	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of computational and experimental models for the synthesis of morphing aircraft structures	
Sullivan, Donald	University of Guelph	Physics	Ontario	CANADA	18/04/2008	5	\$122,115	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theory of nonuniform complex liquids	
Sumner, David	University of Saskatchewan	Mechanical Engineering	Saskatchewan	CANADA	18/04/2008	5	\$133,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bluff-body aerodynamics and fluid-structure interactions	
Sun, Genlou	Saint Mary's University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$93,575	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Origin and evolution of tetraploid species in genus elymus	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Sun, Lei	University of Toronto	Public Health Sciences	Ontario	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical methods for complex genetic data	
Sun, Wei	Concordia University	Mathematics and Statistics	Québec	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nonlinear filtering and stochastic analysis	
Sun, Yanmin	Pattern Discovery Software Systems Ltd	Head Office	Ontario	CANADA	21/05/2008	2	\$60,000	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	Operation similarity and mutiple time series analysis in a complex continuous industrial process	
Sun, Yu	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	18/04/2008	1	\$118,164	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	A polscope for non- invasive visualization of meiotic spindle	
Sun, Zhizhong	University of Windsor	Mechanical, Automotive and Materials Engineering	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	An Intelligent Optimization System For Metal Casting Design	
Suntres, Zacharias	Lakehead University	Faculty of Medicine (West Campus)	Ontario	CANADA	16/05/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Liposomal antioxidants in paraquat-induced cytotoxicity	
Supeene, Graeme	University of Toronto	Aerospace Studies Library, Institute for	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Numercial Simulation of Jet Fuel injection Sprays at Elevated Temperatures	
Susko, Edward	Dalhousie University	Mathematics and Statistics	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$107,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical evolutionary bioinformatics	
Sutherland, Bruce	University of Alberta	Physics	Alberta	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Entrainment, mixing and restratification at thermoclines and	
Suttle, Curtis	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	06/05/2008	1	\$61,320	Discovery Grants Program - Ship Time/ Programme de subventions à la découverte - temps navire	Viruses in the sea	
Sutton, Jill	Australian National University	Research School of Earth Sciences		AUSTRALIA/ AUSTRALIE	28/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Developing germanium as a proxy for understanding current and historical nutrient dynamics in the sounthern ocean	
Sutton, Laurie Patricia	University of Western Ontario	Anatomy and Cell Biology	Ontario	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	The role of dishevelled-3 and Akt in antipsychotic drug action	
Swanton, Clarence	University of Guelph	Plant Agriculture (Guelph)	Ontario	CANADA	18/04/2008	5	\$105,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The physiology of shade avoidance	
Swindells, Colin	University of Victoria	Computer Science	British Columbia/ Colombie-Britannique	CANADA	04/06/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Physical interactions for navigating 2-D digial	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Syed, Naweed	University of Calgary	Cell Biology and Anatomy	Alberta	CANADA	18/04/2008	2	\$54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Glia-neuron interactions: roles in axonal pathfinding and synaptic physiology in an invertebrate model	
Sylvester, Paul	Memorial University of Newfoundland	Earth Sciences	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Crustal evolution studies in Labrador	
Symons, David	University of Windsor	Earth Sciences	Ontario	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Paleomagnetic and rocks magnetic studies of base-metal shale deposits	
Syvitski, Raymond	Dalhousie University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Intermolecular interactions of membrane destabilizing peptides	
Szczerba, Mark	University of California - Davis	Plant Sciences	California/ Californie	UNITED STATES/ ÉTATS-UNIS	16/04/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Altered nitrogen source/sink allocation in drought tolerant tomato and rice induced by the autoregulated synthesis of cytokinins	
Szechtman, Henry	McMaster University	Psychiatry and Behavioural Neurosciences	Ontario	CANADA	18/04/2008	5	\$124,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Does security-motivation exist?	
Szegedy, Balazs	University of Toronto	Computer and Mathematical Sciences	Ontario	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Limits of discrete structures	
Szewczuk, Myron	Queen's University	Microbiology and Immunology	Ontario	CANADA	18/04/2008	5	\$200,505	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The role of glycosylation in receptor activation	
Szkopek, Thomas	McGill University	Electrical and Computer Engineering	Québec	CANADA	18/04/2008	5	\$116,945	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nanoscale quantum electronics	
Szymanski, Jozef	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of intelligent dipper for the Ultra size cable shovels employed in Canadian oil sands mining industry	
Tabisz, George	University of Manitoba	Physics and Astronomy	Manitoba	CANADA	18/04/2008	2	\$38,220	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multiphoton optical rotatory dispersion; moyal quantum mechanics and spectral line broadening	
Taboada, Maria Teresa	Simon Fraser University	Linguistics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Discourse parsing for summarization and sentiment detection	



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Taboubi, Sihem	HEC Montréal	Marketing, Services de l'enseignement du	Québec	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Shelf space allocation problems: a channel's perspective	
Takahara, Glen	Queen's University	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$102,325	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Deployment, distributed inference, and modulation problems for energy efficient wireless sensor	
Take, William	Queen's University	Civil Engineering	Ontario	CANADA	18/04/2008	3	\$245,700	Major Resources Support Program/ Programme d'appui aux ressources majeures	St. John's centrifuge modelling facility	
Talbot, Brian	Université de Sherbrooke	Biologie	Québec	CANADA	18/04/2008	5	\$171,860	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Immune responses to staphylococcus aureus	
Tam, Edwin	University of Windsor	Engineering, Faculty of	Ontario	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Enhancing liberation of end-of-life products for materials recovery	
Tam, Kam Chiu	University of Waterloo	Chemical Engineering	Ontario	CANADA	18/04/2008	4	\$116,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Novel nanostructured systems for biomedical and chemical applications	
Tan, Ken Seng	University of Waterloo	Statistics and Actuarial Science	Ontario	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Risk analysis and computational finance	
Tan, Laura	University of Toronto	Cell and Systems Biology	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Regulation of corticotropin-releasing factor (CRF) by the novel neuropeptide, teneurin C-terminal associated peptide (TCAP)	
Tan, Zhongchao	University of Calgary	Mechanical and Manufacturing Engineering	Alberta	CANADA	16/05/2008	3	\$290,300	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Degassing liquid sulfur of H2S using spray and micron bubbles	
Tanaka, Hirohisa	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	1	\$50,000	Subatomic Physics Envelope - Individual/ Enveloppe de physique subatomique - individuelles	Detector comissioning and analysis for the Tokai-to Kamioka (T2K) neutrino oscillation experiment	
Tanaka, Hiroshi	University of Ottawa/ Université d'Ottawa	Civil Engineering	Ontario	CANADA	18/04/2008	4	\$83,640	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Wind effects on cable-supported bridges and roof structures	
Tanentzapf, Guy	University of British Columbia	Cellular and Physiological Sciences	British Columbia/ Colombie-Britannique	CANADA	16/05/2008	5	\$185,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analysis of dynamics and protein turnover in integrin-mediated adhesion in drosophila muscles.	

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Tang, Xiaowu (Shirley)	University of Waterloo	Chemistry	Ontario	CANADA	18/04/2008	3	\$95,100	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of carbon nanotube biosensors and investigation of sensing mechanism	
Tanner, Martin	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$400,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Enzymes involved in the biosynthesis of carbohydrates and plant natural products	
Tannir, Dani	McGill University	Electrical and Computer Engineering	Québec	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Semi analytical techniques for the computation of intermodulation distortion in radio frequency circuits	
Tata, Matthew	University of Lethbridge	Psychology and Neuroscience	Alberta	CANADA	18/04/2008	5	\$124,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neural mechanisms of auditory scene analysis	
Tattersall, Glenn	Brock University	Biological Sciences	Ontario	CANADA	18/04/2008	1	\$30,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Comparative animal thermoregulatory physiology	
Taylor, John	University of Victoria	Biology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$132,975	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Duplication and divergence of opsins and chemoreceptors	
Taylor, Margot	University of Toronto	Paediatrics	Ontario	CANADA	16/05/2008	3	\$142,748	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Neuroimaging measures of brain function in preterm neonates	
Taylor, Mark	University of Toronto	Chemistry	Ontario	CANADA	18/04/2008	3	\$141,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Selective catalysis using noncovalent interactions	
Teather, Robert	York University	Computer Science and Engineering	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Investigating Constrained 3D Manipulation in Virtual Environments	
Teller, James	University of Manitoba	Geological Sciences	Manitoba	CANADA	18/04/2008	5	\$210,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The Lake Agassiz-Younger Dryas-ET connection	
Tenuta, Mario	University of Manitoba	Soil Science	Manitoba	CANADA	18/04/2008	5	\$130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Multiple benefits of greenhouse gas reduction through inclusion of perennials in cropping systems	
Terebiznik, Mauricio	University of Toronto	Biological Sciences (Scarborough)	Ontario	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nature and morphogenesis of the intracellular compartments established by commensal and pathogenic bacteria in dendritic cells	



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Tesson, Pascal	Université Laval	Informatique et de génie logiciel	Québec	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Towards a finer classification of the complexity of constraint satisfaction problems	
Tetlow, Ian	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	18/04/2008	5	\$155,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Regulation of plastid metabolism in higher plants	
Tétrault-Pinard, Philippe	McGill University	Mining, Metals and Materials Engineering	Québec	CANADA	14/05/2008	1	\$25,000	Postgraduate Scholarships M/ Bourses d'études supérieures M	Characterization and modeling of local deformation in aluminum alloys using EBSD and x-rays	
Teyssedou, Alberto	École Polytechnique de Montréal	Génie physique	Québec	CANADA	18/04/2008	5	\$138,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Boiling and two-phase flows	
Tezel, Handan	University of Ottawa/ Université d'Ottawa	Chemical and Biological Engineering	Ontario	CANADA	18/04/2008	5	\$120,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Application of adsorption to hybrid processes and hybrid materials for sustainable society	
Thacker, Robert	Saint Mary's University	Astronomy and Physics	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$127,615	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamics in the small and large: linking galaxy formation to the next generation of galaxy surveys	
Thadani, Avinash	University of Windsor	Chemistry and Biochemistry	Ontario	CANADA	18/04/2008	3	\$117,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Enantioselective catalysis and total synthesis of alkaloids	
Thakkar, Ajit	University of New Brunswick	Chemistry	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$350,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular properties and interactions	
Thériault, Stéphane	Université de Moncton	Biologie	New Brunswick/ Nouveau-Brunswick	CANADA	11/06/2008	2	\$30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Étude expérimentale de la réponse de passereaux forestiers à la coupe de jardinage	
Therriault, Daniel	École Polytechnique de Montréal	Génie mécanique	Québec	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fabrication of micro- nano-systems and advanced materials	
Thewalt, Michael	Simon Fraser University	Physics	British Columbia/ Colombie-Britannique	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	New spectroscopy and applications in isotopically modified semiconductors	
Thewalt, Michael	Simon Fraser University	Physics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$535,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New spectroscopy and applications in isotopically modified semiconductors	

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Thewalt, Michael	Simon Fraser University	Physics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	1	\$141,402	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	High homeogeneity optical access superconducting magnet system	
Thibault, Pierre	Université de Montréal	Chimie	Québec	CANADA	16/05/2008	2	\$60,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Biomarkers discovery program for chronic obstructive pulmonary diseases (COPD)	
Thibault, Pierre	Université de Montréal	Chimie	Québec	CANADA	18/04/2008	5	\$285,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chemi-enzymatic and data mining approaches for the identification of post- translational modifications	
Thibeault, Claude	École de technologie supérieure	Génie électrique	Québec	CANADA	18/04/2008	5	\$131,560	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Test de très haute qualité et diagnostic de circuits intégrés à l'échelle nanométrique	
Thielman, Aynsley	Brock University	Biological Sciences	Ontario	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The ecology and systematics of the mosquito genus anopheles (Diptera: Culicidae) in	
Thivierge, Jean-Philippe	Indiana University	Psychology	Indiana	UNITED STATES/ ÉTATS-UNIS	16/04/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Functional Interactions in the Brain: Uncovering the Roots of Change	
Thommes, Edward	University of Guelph	Physics	Ontario	CANADA	18/04/2008	3	\$50,064	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	From disks to planets: end- to-end modelling of the planet formation process	
Thomo, Alex	University of Victoria	Computer Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	2	\$48,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Toward flexible and efficient systems for advanced data integration, exchange and analysis	
Thompson, Aidan	York University	Kinesiology and Health Science, School of	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The eyes have it: Updating visual space for memory guided motor control	
Thompson, David	Memorial University of Newfoundland	Chemistry	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	3	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Excited state dynamics in bichromophoric molecular assemblies	
Thompson, Lilian	University of Toronto	Nutritional Sciences	Ontario	CANADA	16/05/2008	3	\$198,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Lignans in plant foods	
Thompson, Michael	University of Toronto	Chemistry	Ontario	CANADA	18/04/2008	5	\$350,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cognition based on neural devices and neural biosensors	
Thompson, Robert	University of Calgary	Physics and Astronomy	Alberta	CANADA	18/04/2008	5	\$148,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ion trapping with atoms, molecules and exotic species	



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Thompson, Russell	University of Waterloo	Physics and Astronomy	Ontario	CANADA	18/04/2008	3	\$47,103	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theory of soft nanoscale structure	
Thompson, Valerie	University of Saskatchewan	Psychology	Saskatchewan	CANADA	18/04/2008	5	\$114,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Analytic vs non-analytic modes of thinking and reasoning	
Thomson, David	Queen's University	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$292,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical signal processing theory and applications	
Thomson, Jordan	Simon Fraser University	Biological Sciences	British Columbia/ Colombie-Britannique	CANADA	14/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Environmental and ecological factors influencing the behaviour of adult loggerhead turtles on a subtropical feeding	
Thomson, Vincent	McGill University	Mechanical Engineering	Québec	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Coordination of new product development processes	
Thongam, Jogendra Singh	Société des Technologies de l'Aluminium du Saguenay Inc.	Head Office	Québec	CANADA	25/06/2008	2	\$60,000	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	Maximum power extraction algorithm for variable speed PMSG wind energy conversion system	
Thornton, Gail	University of Calgary	Surgery	Alberta	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mechanics of damage in biological soft tissues	
Thorpe, Christina	Memorial University of Newfoundland	Psychology (St. John's)	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Time-place learning	
Thring, Ronald	University of Northern British Columbia	Office of Research	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Production of useful chemicals, fuels and biopolymers from industrial lignins and other wood wastes available in Northern British Columbia	
Tiampo, Kristy	University of Western Ontario	Earth Sciences	Ontario	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced analysis of geophysical data for improved understanding of the earthquake fault	
Tian, Zhigang	Concordia University	Concordia Institute for Information Systems Engineering (CIISE)	Québec	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Reliability analysis and maintenance of multi-state degraded systems	
Tillo, Desiree	University of Toronto	Molecular Genetics	Ontario	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Genome-wide determinants of nucleosome occupancy	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Timbers, Tiffany	University of British Columbia	Biochemistry and Molecular Biology	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Molecular mechanisms governing induction of long-term memory for habituation in	
Timmons, Shannon	University of Wisconsin - Madison	Pharmacy, School of	Wisconsin	UNITED STATES/ ÉTATS-UNIS	16/04/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Natural Product Sugar Biosynthetic Pathway Elucidation Using NMR Spectroscopy	
Timusk, Thomas	McMaster University	Physics and Astronomy	Ontario	CANADA	18/04/2008	5	\$392,520	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optics properties of new quantum materials	
Tindale, Jocelyn	University of Western Ontario	Chemistry	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Phosponium ionic liquid materials	
Titone, Debra	McGill University	Psychology	Québec	CANADA	18/04/2008	5	\$102,180	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Eye-tracking studies of bilingual word processing, context, and executive function	
Tizhoosh, Hamid	University of Waterloo	Systems Design Engineering	Ontario	CANADA	18/04/2008	5	\$97,455	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Oppositional concepts in population-based problem solving	
Tocheva, Elitza	California Institute of Technology	Biology, Division of	California/ Californie	UNITED STATES/ ÉTATS-UNIS	16/04/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Functional and structural studies of proteins involved in the bacterial	
Tolokh, Illya	Washington University in St. Louis	Anatomy & Neurobiology	Missouri	UNITED STATES/ ÉTATS-UNIS	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Investigation of Neuronal Circuitry in the Mouse Accessory Olfactory	
Tomczak-Jaegermann, Nicole	University of Alberta	Mathematical and Statistical Sciences	Alberta	CANADA	18/04/2008	5	\$240,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	High-dimensional phenomena and asymptotic geometric analysis	
Tong, Anthony	Acadia University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	3	\$73,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cavity enhanced fibre optic sensors	
Toth, Csaba	University of Calgary	Mathematics and Statistics	Alberta	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geometric combinatorics and recursive space partitions	
Towfighian, Shahrzad	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Development od new mems gas sensor	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Toyserkani, Ehsan	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	18/04/2008	1	\$142,279	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Equipment for developing a novel solid freeform fabrication (SFF) workstation to produce anatomically shaped biodegradable scaffolds with heterogeneous internal architectures	
Tran, Eric	University of Victoria	Biochemistry and Microbiology	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Mechanisms of Proliferative signaling by the interleukin-2 receptor	
Tran, Huu Nghi	McGill University	Electrical and Computer Engineering	Québec	CANADA	14/05/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Providing diversity in relay-based systems	
Tran, Thomas	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Developing intelligent information systems to enhance E-Commerce	
Trehub, Sandra	University of Toronto	Psychology, UTM	Ontario	CANADA	18/04/2008	5	\$324,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Auditory pattern perception in infants and young children	
Treitz, Paul	Queen's University	Geography	Ontario	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Remote sensing of environmental change across northern terrestrial ecosystems	
Tremblay, André	University of Ottawa/ Université d'Ottawa	Chemical and Biological Engineering	Ontario	CANADA	18/04/2008	5	\$115,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Biorefining of oleochemicals using synthetic membranes	
Tremblay, Bruno	McGill University	Atmospheric and Oceanic Sciences	Québec	CANADA	18/04/2008	5	\$121,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modeling the response of the physical and biological systems of the Arctic to climate change	
Tremblay, Bruno	McGill University	Atmospheric and Oceanic Sciences	Québec	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Northern Research Supplement/ Programme de subventions à la découverte - supplément en recherche nordique	Canadian arctic buoy program	
Tremblay, Jacques	Université Laval	Obstétrique et gynécologie	Québec	CANADA	18/04/2008	2	\$54,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role and mechanism of action of nuclear receptors in steroidogenesis	
Tremblay, Jean-Pierre	Université Laval	Biologie	Québec	CANADA	18/04/2008	3	\$45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Écologie des populations fauniques abondantes	

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Tremblay, Jean-Pierre	Université Laval	Biologie	Québec	CANADA	18/04/2008	3	\$40,000	Discovery Grants Program - Northern Research Supplement/ Programme de subventions à la découverte - supplément en recherche nordique	Ecologie des populations abondantes de caribous migrants toundriques (rangifer tarandus) dans le Nunavik	
Tremblay, Reynald	University of Western Ontario	Biology	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Development of a novel multiantigen to prevent Type 1 Diabetes	
Trimble, William	University of Toronto	Biochemistry	Ontario	CANADA	16/05/2008	1	\$79,770	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Replacement tabletop ultracentrifuge	
Trischuk, William	University of Toronto	Physics	Ontario	CANADA	16/05/2008	1	\$38,500	Subatomic Physics Envelope - Research Tools and Instruments/ Enveloppe de physique subatomique - Outils et instruments de recherche	ATLAS experiment upgrade research and development (Applicant R. McPherson)	
Tritchler, David	University of Toronto	Public Health Sciences	Ontario	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical methods for networks, clusters, and sparse high-dimensional data	
Tromans, Desmond	University of British Columbia	Materials Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fundamental studies on dissolution and fracture of minerals	
Troncy, Eric	Université de Montréal	Médecine vétérinaire, faculté de	Québec	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Metrology and control of visceral pain in dairy cattle: behavioral, physiological and proteomic	
Tropper, Carl	McGill University	Computer Science, School of	Québec	CANADA	18/04/2008	5	\$126,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Parallel simulation of complex systems	
Trueman, Christopher	Concordia University	Electrical and Computer Engineering	Québec	CANADA	18/04/2008	5	\$117,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Controlling EMI between wireless sources and medical devices in	
Truong, Kevin	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of computational tools for studying protein sequences, structures and signaling networks	
Tsai, Chi-Liang	Simon Fraser University	Statistics and Actuarial Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	On the ordering for the surplus process perturbed by diffusion	
Tsai, Tai-Peng	University of British Columbia	Mathematics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Asymptotics and singularities of evolution PDEs with critical nonlinearities	



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Tsang, Emily (Ming Wai)	Simon Fraser University	Chemistry	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Synthesis, Morphology and Properties of Fluorous-Ironic Block Copolymers for Proton Conducting Polymer Membranes	
Tsilfidis, Catherine	University of Ottawa/ Université d'Ottawa	Ottawa Eye Institute (Ottawa General)	Ontario	CANADA	16/05/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Characterization of the dedifferentiation process induced by newt regeneration derived extracts	
Tsui, Ting	University of Waterloo	Chemical Engineering	Ontario	CANADA	18/04/2008	4	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Electrical and mechanically robust, porous, ultra-low dielectric constant	
Tsujita, Cameron	University of Western Ontario	Earth Sciences	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Taphonomic approaches toward the elucidation of sedimentary dynamics recorded in mudrocks	
Tu, Yiliu (Paul)	University of Calgary	Mechanical and Manufacturing Engineering	Alberta	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Adaptive planning and control of supply chain in one-of-a-kind production	
Turculet, Laura	Dalhousie University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	3	\$111,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New multifunctional ligation strategies for tuning transition metal	
Turetken, Ozgur	Ryerson University	Information and Technology Management, School of (ITM)	Ontario	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The use of clustering and visualization for the management of blog content - an empirical	
Turmel, Marie-Soleil	McGill University	Natural Resource Sciences	Québec	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Soil Microbial and Biochemical Processes Involved in Increased Nutrient Uptake Under the System of Rice	
Turner, David	Saint Mary's University	Astronomy and Physics	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$88,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Observational characterization of intermediate mass stars	
Turner, Elizabeth	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Earth Sciences	Ontario	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Proterozoic and paleozoic carbonate systems and associated base-metal deposits	
Turner, Elizabeth	Imperial Oil Ltd	Res and Dev Div	Ontario	CANADA	11/06/2008	2	\$60,000	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	Desulphurization of Heavy Distillate	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Turner, Robin	University of British Columbia	Michael Smith Laboratories	British Columbia/ Colombie-Britannique	CANADA	16/06/2008	3	\$180,959	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	A spectrochemical imaging system for rapid and nondisruptive screening for pluripotency and differentiation in cultures of embryonic stem cells	
Tuszynski, Jacek (Jack)	University of Alberta	Physics	Alberta	CANADA	18/04/2008	5	\$130,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computational biophysics of tubulin and its interactions with proteins and drugs	
Twyman, Alexandra	Temple University	Psychology	Pennsylvania/ Pennsylvanie	UNITED STATES/ ÉTATS-UNIS	14/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	An adaptive combination perspective of mammalian reorientation	
Tyree, Melvin	University of Alberta	Renewable Resources	Alberta	CANADA	18/04/2008	5	\$230,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Hydrolic architecture & tree permormance	
Uddin, Mohammad	Lakehead University	Electrical Engineering	Ontario	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Intelligent controller based high performance and highly efficient motor	
Ugursal, Ismet	Dalhousie University	Mechanical Engineering	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$108,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of a technoeconomic modeling tools to assess options for reducing the energy consumption and GHG emissions in the residential sector	
Unrau, Peter	Simon Fraser University	Molecular Biology and Biochemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$290,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ribozyme chemistry and the RNA world	
Unsworth, Larry	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	18/04/2008	4	\$96,240	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Peptide sequence effects on nanofiber formation, hydration and in-gel protein mobility/activity	
Untereiner, Wendy	Brandon University	Biology	Manitoba	CANADA	18/04/2008	5	\$86,825	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Diversity and systematics of cellulose-and keratin-degrading ascomycetes	
Upreti, Simant	Ryerson University	Chemical Engineering	Ontario	CANADA	18/04/2008	5	\$105,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Determination of mass transport properties in heavy oils and polymers, and development of robust and efficient optimization algorithms for chemical engineering applications	

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Upton, Chris	University of Victoria	Biochemistry and Microbiology	British Columbia/Colombie-Britannique	CANADA	18/04/2008	5	\$186,185	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Poxviruses: protein-protein interactions	
Urquhart, William	University of Toronto	Cell and Systems Biology	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The Chimeric Cyclic Nucleotide-Gated Ion Channel AtCNGC11/12 Induces Programmed Cell Death and the Functional Interaction of plant CNGCs	
Urquiza, José	Université Laval	Mathématiques et statistique	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Fluid interfaces and numerical control of waves	
Usefi, Hamid	University of British Columbia	Mathematics	British Columbia/Colombie-Britannique	CANADA	16/04/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	The isomorphin problem for enveloping algebras	
Uysal, Murat	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Enabling physical layer techniques for boradband cooperative communication systems	
Uysal, Murat	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	18/04/2008	5	\$155,925	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Enabling physical layer techniques for boradband cooperative communication systems	
Vachon, Brigitte	McGill University	Physics	Québec	CANADA	18/04/2008	4	\$1,580,000	Subatomic Physics Envelope - Research Tools and Instruments/ Enveloppe de physique subatomique - Outils et instruments de recherche	The ATLAS high level trigger system: Enabling physics at the energy frontier	
Valov, Vesko	Nipissing University	Computer Science	Ontario	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dimension theory and continuous selections	
Vamosi, Jana	University of Calgary	Biological Sciences	Alberta	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Causes and consequences of plant biodiversity	
Van Breugel, Franck	York University	Computer Science and Engineering	Ontario	CANADA	18/04/2008	5	\$135,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Concurrency: semantics and verification	
Van de Ven, Theodorus	McGill University	Chemistry	Québec	CANADA	18/04/2008	5	\$355,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interactions among colloids, polymers and polyelectrolytes	
Van Den Hoogen, Robert	St. Francis Xavier University	Mathematics, Statistics and Computing Sciences	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	3	\$41,229	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cosmological and gravitational models based on averaged theories of gravity	

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Van der Kooy, Derek	University of Toronto	Molecular Genetics	Ontario	CANADA	18/04/2008	5	\$209,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mutational analyses of learning and memory	
Van Der Merwe, George	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	18/04/2008	3	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Vid30c and its role in fermentation-related stress responses in saccharomyces cerevisiae	
Van Heyst, Bill	University of Guelph	Engineering, School of	Ontario	CANADA	18/04/2008	5	\$120,800	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Assessing background mercury deposition and emissions in Canada	
Van Kerkwijk, Marten	University of Toronto	Astronomy and Astrophysics	Ontario	CANADA	18/04/2008	5	\$343,580	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neutron stars and star & planet formation	
Van Lierop, Johan	University of Manitoba	Physics and Astronomy	Manitoba	CANADA	18/04/2008	5	\$130,840	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Magnetism in reduced dimensions: Nanoparticles, thin films and quantum spin systems	
Van Minnen, Jan	University of Calgary	Cell Biology and Anatomy	Alberta	CANADA	18/04/2008	5	\$200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Subcellular and molecular machinery underlying de novo protein synthesis in regenerating axons	
Van Oorschot, Paul	Carleton University	Computer Science, School of	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Topics in Computer Security and Usability	
Van Oorschot, Paul	Carleton University	Computer Science, School of	Ontario	CANADA	18/04/2008	5	\$240,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Topics in Computer Security and Usability	
Van Veen, Lennaert	Concordia University	Arts and Science, Faculty of	Québec	CANADA	18/04/2008	5	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Parsing complex spatio- temporal dynamics in physical and physiological applications	
Van Veggel, Frank	University of Victoria	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$330,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New photonic nanoparticles	
Van Veller, Brett	Massachusetts Institute of Technology	Chemistry	Massachusetts	UNITED STATES/ ÉTATS-UNIS	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Synthesis of Water Soluble Conjugated Polymers for Application in Biosensing	
Van Waerbeke, Ludovic	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	1	\$39,070	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Understanding of the dark side of the universe with weak gravitational lensing	

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Vandenboom, Rene	Brock University	Physical Education & Kinesiology	Ontario	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The influence of myosin phosphorylation on mechanical and metabolic properties of fast twitch skeletal muscle	
Vanderkooy, Matthew	University of Waterloo	Earth Sciences	Ontario	CANADA	11/06/2008	2	\$30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	A quantitative geochemical interpretation of fluid compositions in south-western Ontario	
Vanicek, Petr	University of New Brunswick	Geodesy and Geomatics Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The earth's gravity field	
Vargas Martin, Miguel	University of Ontario Institute of Technology	Engineering and Applied Science, Faculty of	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Network security with automatic mitigation of disruptive traffic, attack containment, and intrusion detection	
Vasanthan, Thavaratnam	University of Alberta	Agricultural, Food and Nutritional Science	Alberta	CANADA	18/04/2008	5	\$130,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The influence of starch composition, morphology and structure on amylolysis	
Vasilopoulos, Panagiotis	Concordia University	Physics	Québec	CANADA	18/04/2008	5	\$152,645	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Quantum transport in semiconductor and graphene nanostructures	
Vatistas, Georgios	Concordia University	Mechanical and Industrial Engineering	Québec	CANADA	18/04/2008	5	\$113,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theory and applications of vortex dominated flows	
Vaughan, Keith	Saint Mary's University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthesis and evaluation of antitumour bistriazenes	
Vayenas, Nick	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Engineering, School of	Ontario	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mining equipment reliability assessment models based on genetic algorithms and theoretical probability distributions	
Veawab, Amornvadee	University of Regina	Engineering, Faculty of	Saskatchewan	CANADA	18/04/2008	5	\$105,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of green corrosion inhibitors for absorption-based CO2 capture processes	
Vechtomova, Olga	University of Waterloo	Management Sciences	Ontario	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Resolving complex information needs by means of natural language processing and interaction with user	

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Veerman, Krystle	University of British Columbia	Biomedical Research Centre (The)	British Columbia/Colombie-Britannique	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Exploring the Roles of Core 2 beta 1,6-N-acetylglucosaminyltransferases	
Veillette, Julie	Université Laval	Biologie	Québec	CANADA	14/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Indicateurs aquatiques de changements environnementaux dans l'Arctique canadien	
Veldhuis, Stephen	McMaster University	Mechanical Engineering	Ontario	CANADA	18/04/2008	5	\$105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design principles for developing coatings for manufacturing processes	
Velumian, Alexander	University of Toronto	Surgery	Ontario	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Group/ Programme de subventions à la découverte - équipe	The living myelin sheath: functional organization and role in dynamic modulation of axonal function in CNS	
Venter, Oscar	University of Queensland	Integrative Biology, School of		AUSTRALIA/ AUSTRALIE	07/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Developing decision theory to prioritize global conservation efforts	
Verheyen, Esther	Simon Fraser University	Molecular Biology and Biochemistry	British Columbia/Colombie-Britannique	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of nemo in patterning the drosophila eye and head	
Verner, Marc-André	Université du Québec à Montréal	Sciences biologiques	Québec	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Caractérisation de la variabilité interindividuelle dans la toxicocinétique des polluants organiques persistants chez l'humain	
Vessey, Kevin	Saint Mary's University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	1	\$35,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Plants, microbes, biofertilizers and biofuels	
Vieira, Amandio	Simon Fraser University	Kinesiology, School of	British Columbia/Colombie-Britannique	CANADA	18/04/2008	2	\$44,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular and cellular mechanisms of nutrient transport	
Vijayan, Mathilakath	University of Waterloo	Biology	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Genomic and nongenomic cortisol signaling in fish	
Vijayan, Mathilakath	University of Waterloo	Biology	Ontario	CANADA	18/04/2008	5	\$250,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Genomic and nongenomic cortisol signaling in fish	
Vine, Donna	University of Alberta	Agricultural, Food and Nutritional Science	Alberta	CANADA	18/04/2008	5	\$133,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The relationship between intestinal lipid transport processes, insulin metabolism, and modulation by dietary	



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Virji-Babul, Naznin	Simon Fraser University	Psychology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Group/ Programme de subventions à la découverte - équipe	The neural basis of action understanding	
Virtue, Clarence	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Physics	Ontario	CANADA	16/05/2008	2	\$90,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	HALO at SNOLAB	
Virtue, Clarence	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Physics	Ontario	CANADA	16/05/2008	1	\$217,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	SNO+ (Applicant: M. Chen)	
Vishniac, Ethan	McMaster University	Physics and Astronomy	Ontario	CANADA	18/04/2008	3	\$88,350	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Astrophysical fluid dynamics	
Viswanathan, Pooja	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Intelligent Wheelchair	
Vlajic, Natalija	York University	Computer Science and Engineering	Ontario	CANADA	18/04/2008	5	\$96,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Self-healing and fault- tolerant wireless sensor networks	
Vogel, Jackie	McGill University	Biology	Québec	CANADA	18/04/2008	5	\$160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of the central kinetochore in chromosome segregation	
Vogl, Wayne	University of British Columbia	Cellular and Physiological Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Cytoskeletal/junction relationships during epithelial remodeling	
Voinigescu, Sorin	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$190,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	100+ GHz silicon electronics	
Volkoff, Helene	Memorial University of Newfoundland	Biology	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	5	\$182,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Characterization of appetite-regulating peptides in fish	
Volodin, Andrei	University of Regina	Mathematics and Statistics	Saskatchewan	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bootstrap, asymptotic analysis, and risk comparison of some procedures of statistical inference	
Von Aderkas, Patrick	University of Victoria	Biology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$230,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Gymnosperm reproductive mechanisms	
Von Grunau, Michael	Concordia University	Psychology	Québec	CANADA	18/04/2008	5	\$169,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Psychophysical investigations of human motion and attention systems	



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Vukovic, Aleksandar	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	18/04/2008	5	\$82,835	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Virtualized network for next generation internet	
Waddington, James	McMaster University	Geography and Earth Sciences, School of	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Peatland ecohydrology in a changing climate	
Waddington, James	McMaster University	Geography and Earth Sciences, School of	Ontario	CANADA	18/04/2008	5	\$177,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Peatland ecohydrology in a changing climate	
Wade, Trevor	University of Western Ontario	Engineering, Faculty of	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Rapid Mapping of the B1 Field in Magnetic Resonance Imaging	
Wagadarikar, Ashwin	Duke University	Electrical and Computer Eng.	North Carolina/ Caroline du Nord	UNITED STATES/	07/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Snapshot coherence imaging	
Wagner, Alan Shelton	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	1	\$120,995	Idea to Innovation/ De l'idée à l'innovation	Financial market miner system	
Wagner, Helene	University of Toronto	Biology, UTM	Ontario	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Effects of landscape modification on biodiversity patterns and	
Wahid, Khan	University of Saskatchewan	Electrical & Computer Engineering	Saskatchewan	CANADA	18/04/2008	5	\$97,455	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New architectures for real- time video and bio-medical imaging applications	
Wakeling, James	Simon Fraser University	Kinesiology, School of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Architectural and mechanical determinates of motor unit recruitment in mammalian muscle	
Walde, Sandra	Dalhousie University	Biology	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	3	\$45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Disturbance, competition and the invertebrate predator guild of high gradient coastal streams	
Waldron, Karen	Université de Montréal	Chimie	Québec	CANADA	18/04/2008	2	\$80,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Microscale analytical methods and sample processing tools for biomolecule	
Walker, Gilbert	University of Toronto	Chemistry	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Scanning probe microscopy of polymer surface nanostructures	
Walker, Gilbert	University of Toronto	Chemistry	Ontario	CANADA	18/04/2008	5	\$320,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Scanning probe microscopy of polymer surface nanostructures	



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Walker, Robert	University of Calgary	Computer Science	Alberta	CANADA	18/04/2008	5	\$111,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Unanticipated reuse	
Walsby, Charles	Simon Fraser University	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	2	\$68,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Magnetic resonance studies of bioinorganic systems	
Wan, Weijie	University of Waterloo	Systems Design Engineering	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Development of integrated lab-on-chip devices for biomedical applications	
Wand, Yair	University of British Columbia	Sauder School of Business	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$139,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Theory-based methods for information systems analysis and design	
Wang, BingChen	University of Manitoba	Mechanical and Manufacturing Engineering	Manitoba	CANADA	18/04/2008	5	\$114,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Novel subgrid-scale modelling for large-eddy simulation of turbulent flow and dispersion in urban environments	
Wang, Hong	University of Saskatchewan	Biochemistry	Saskatchewan	CANADA	18/04/2008	5	\$180,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Plant cell cycle regulation and protein ubiquitination	
Wang, Jichang	University of Windsor	Chemistry and Biochemistry	Ontario	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The study of application of nonlinear dynamics on green chemistry	
Wang, Lin	University of New Brunswick	Mathematics and Statistics - Fredericton	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamics of evolution equations with applications in biology and ecology	
Wang, Mei	Lorus Therapeutics Inc.	Head Office	Ontario	CANADA	07/05/2008	2	\$60,000	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	Mechanistic Studies Examining Antitumor Activity and Preclinic Development of SiRNA	
Wang, Steven	York University	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical analysis of complex data sets	
Wang, Suning	Queen's University	Chemistry	Ontario	CANADA	18/04/2008	5	\$500,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bifunctional metal complexes with triaylboron groups: photophysical properties, reactivity, and chemical sensing	
Wang, Xianbin	University of Western Ontario	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$107,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Efficient adaptive communication technologies	
Wang, Xikui	University of Manitoba	Statistics	Manitoba	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical design and analysis of response adaptive clinical trials	

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Wang, Xin	University of Calgary	Geomatics Engineering	Alberta	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Incorporating domain knowledge in spatial clustering	
Wang, Zhou	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Perceptual image processing	
Wang, Zhuo	University of Windsor	Chemistry and Biochemistry	Ontario	CANADA	24/06/2008	3	\$93,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design at the molecular level: advanced macromolecules and nanomaterials with well- defined architectures	
Wang, Zhuo	University of Windsor	Chemistry and Biochemistry	Ontario	CANADA	16/06/2008	1	\$50,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Glove box for advanced macromolecular synthesis	
Ward, Charles	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	18/04/2008	3	\$138,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Emergy transport by surface tension-driven convection	
Ward, Dale	University of Saskatchewan	Chemistry	Saskatchewan	CANADA	18/04/2008	5	\$435,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthetic studies on natural products	
Warith, Mostafa	Ryerson University	Civil Engineering	Ontario	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design and operation of bioreactor landfills	
Warkentin, Andrew	Dalhousie University	Mechanical Engineering	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modeling and optimization of profile creep-feed grinding with cubic boron nitride	
Warkentin, Ian	Memorial University of Newfoundland	Environmental Science Unit	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	3	\$45,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modelling connectivity for postfledging boreal songbirds	
Warland, Jon	University of Guelph	Land Resource Science	Ontario	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Lagrangian analysis of turbulent dispersion	
Warren, Lesley	McMaster University	Geography and Earth Sciences, School of	Ontario	CANADA	18/04/2008	5	\$128,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Microbial sulfur geochemistry in acid environments	
Wasylishen, Roderick	University of Alberta	Chemistry	Alberta	CANADA	18/04/2008	5	\$585,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Magnetic resonance studies of molecular structure and dynamics	
Watchorn, Rebecca	University of Alberta	Psychology	Alberta	CANADA	14/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Investigating Changes in Mathematical Thinking Through Computer-Based Instruction	

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Watkins, Simon	Simon Fraser University	Physics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$231,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New directions in semiconductor crystal growth	
Watson, Patricia	University of Western Ontario	Physiology and Pharmacology	Ontario	CANADA	16/05/2008	5	\$171,860	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Novel pathways of G protein-coupled receptor action	
Watters, Carolyn	Dalhousie University	Computer Science, Faculty of	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$144,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	managing complex tasks on the web	
Weaver, Andrew	University of Victoria	Earth and Ocean Sciences, School of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$350,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Global climate modelling and analysis: high latitude terrestrial feedbacks	
Weber, John	Memorial University of Newfoundland	Pharmacy, School of	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	5	\$133,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evaluating enzymes with novel functions in the mammalian cerebellum	
Weck, Arnaud	University of British Columbia	Materials Engineering	British Columbia/ Colombie-Britannique	CANADA	16/04/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Fabrication and characterization of Iron- Carbon thin films	
Wee, Andrew	University of Regina	Chemistry and Biochemistry	Saskatchewan	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthetic chemistry based on Rh(II)-carbenoid reactions and synthesis of alkaloids	
Weihrauch, Dirk	University of Manitoba	Biological Sciences	Manitoba	CANADA	18/04/2008	5	\$160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular physiology of ammonia excretion in aquatic invertebrates: mechanism, regulation and the specific role of Rhesus- like ammonia transporters	
Weis, Arthur	University of Toronto	Ecology and Evolutionary Biology	Ontario	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Climate change and evolution of plant phenology	
Weis, Dominique	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$230,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	From mantle geodynamics to environmental processes: a geochemical Classification:	
Welch, William	University of British Columbia	Statistics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	methodology for variable selection and efficient tuning and comparasion of	
Wells, Mary	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	18/04/2008	5	\$129,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Intelligent processing of advanced aluminium sheet for automotive applications	
Wells, Sarah	Dalhousie University	Biomedical Engineering, School of	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$129,950	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure-function relations in elastic tissues: lessons for tissue engineering	



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Wen, ShuQin	University of Alberta	Human Ecology	Alberta	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Plasma surface modification of aramid	
Wentzell, Peter	Dalhousie University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$215,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	New chemometric tools for chemistry and systems biology	
West, Lori	University of Alberta	Pediatrics	Alberta	CANADA	16/05/2008	3	\$196,842	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Nanosystems in transplantation: blood group antigens as immunologic tolerogens for infant heart transplantation	
Wetton, Brian	University of British Columbia	Mathematics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Mathematical fuel cell modelling and computational methods for interface problems	
Wevrick, Rachel	University of Alberta	Medical Genetics	Alberta	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Function of magel2 in circadian rhythm	
Whelan, Patrick	University of Calgary	Physiology and Biophysics	Alberta	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Role of activity in the development of intrinsic motoneuron properties	
White, Peter	McGill University	Biology	Québec	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Qualifying and quantifying the impacts of disturbances and tracking recovery in both old-growth primary and early-succession secondary-growth mixedxwood forests in Bioorganic chemistry	
White, Robert	Dalhousie University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structural Simulation of Procedural Building Models	
Whiting, Emily	Massachusetts Institute of Technology	Computer Science and Artificial Intelligence Lab	Massachusetts	UNITED STATES/ ÉTATS-UNIS	07/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Memory - production and evaluation	
Whittlesea, Bruce	Simon Fraser University	Psychology	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	1	\$35,936	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of tools for the Study of an Unusual Trisaccharide	
Whitworth, Garrett	Simon Fraser University	Chemistry	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Mineral studies applied to geological problems	
Wicks, Frederick	University of Toronto	Geology	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles		



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Widrow, Lawrence	Queen's University	Physics	Ontario	CANADA	18/04/2008	5	\$196,330	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Structure and dynamics of galaxies and their dark matter halos	
Wieczorek, Andrew	Concordia University	Biology	Québec	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Engineering and in-vivo assembly of supramolecular cellulose- degrading complexes in lactic acid bacteria for the conversion of biomass to	
Wiegert, Paul	University of Western Ontario	Physics and Astronomy	Ontario	CANADA	18/04/2008	5	\$127,615	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Solar System Astronomy	
Wiens, Douglas	University of Alberta	Mathematical and Statistical Sciences	Alberta	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Robustness of experimental design	
Wiersma, Yolanda	Memorial University of Newfoundland	Biology	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Landscape ecology and conservation in the Canadian boreal region	
Wildering, Willem	University of Calgary	Biological Sciences	Alberta	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional homeostasis of the adult nervous system	
Wildes, Richard	York University	Computer Science and Engineering	Ontario	CANADA	18/04/2008	3	\$69,231	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Spatiotemporal stereo vision for space and terrestrial robotics	
Wilkinson, Frances	York University	Psychology (Atkinson College)	Ontario	CANADA	18/04/2008	5	\$199,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Behavioural and imaging studies of face and object perception	
Willan, Andrew	University of Toronto	Public Health Sciences	Ontario	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Expected value of information and optimal trial design	
Willard, Ross	University of Waterloo	Pure Mathematics	Ontario	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Research in universal algebra	
Williams, Douglas	University of Winnipeg	Psychology	Manitoba	CANADA	18/04/2008	5	\$174,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Animal and human associative learning	
Williams, Marcus	University of Toronto	Civil Engineering	Ontario	CANADA	11/06/2008	2	\$30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Strategic Integrated Transportation and Land Use Modelling	
Williamson, Carey	University of Calgary	Computer Science	Alberta	CANADA	18/04/2008	5	\$163,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Wireless Internet Performance	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Willing, Ryan Thomas	Queen's University	Mechanical and Materials Engineering	Ontario	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Design of total knee replacements using shape optimization	
Wilson, Alexander	Carleton University	Biology	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Boldness and behavioural syndromes in fishes	
Wilson, Paul	Trent University	Biology	Ontario	CANADA	18/04/2008	5	\$93,575	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Genetic structure and adaptation at a dynamic range margin	
Winkler, Gesche	Université du Québec à Rimouski	Sciences de la mer de Rimouski, Institut des	Québec	CANADA	18/04/2008	5	\$105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Zooplankton trophodynamics and spatial patterns in estuarine transition zones	
Winters, Boyer	University of Guelph	Psychology	Ontario	CANADA	18/04/2008	5	\$124,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neural substrates of declarative-like memory in rats	
Wiper-Bergeron, Nadine	University of Ottawa/ Université d'Ottawa	Cellular and Molecular Medicine	Ontario	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The control of C/EBPbeta DNA-binding affinity by retinoic acid and Smad3 during mesenchymal stem cell differentiation	
Wise, Daniel	McGill University	Mathematics and Statistics	Québec	CANADA	18/04/2008	5	\$165,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Groups with a quasiconvex hierarchy and the structure of hyperbolic 3-manifolds	
Wisner, James	University of Western Ontario	Chemistry	Ontario	CANADA	18/04/2008	5	\$205,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced materials through self-assembly and molecular recognition	
Wissel, Bjoern	University of Regina	Biology	Saskatchewan	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Effects of climate and land use on prairie lake ecosystems	
Withers, Stephen	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$800,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interactions and reactions of carbohydrates and proteins	
Woelfel, Philipp	University of Calgary	Computer Science	Alberta	CANADA	18/04/2008	5	\$115,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Applications of probabilistic methods to algorithms and complexity	
Wohlstadter, Eric	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	2	\$46,600	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Round-trip engineering for web applications	
Wojciechowski, Filip	University of Western Ontario	Chemistry	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Chemistry of modified nucleobases	
Wong, Alex	University of Ottawa/ Université d'Ottawa	Biology	Ontario	CANADA	28/05/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	The Drosophila gut as a model for studying adaptive evolution	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Wong, Charles	University of Alberta	Chemistry	Alberta	CANADA	18/04/2008	5	\$180,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Measurement, occurrence, and fate of emerging and chiral environmental pollutants	
Wong, Nelson	University of Saskatchewan	Computer Science	Saskatchewan	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Visualization of actions in distributed groupware	
Wong, Tak Pan	McGill University	Psychiatry	Québec	CANADA	18/04/2008	3	\$65,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Presynaptic contributions in synaptic plasticity	
Wong, Yau Shu	University of Alberta	Mathematical and Statistical Sciences	Alberta	CANADA	18/04/2008	5	\$133,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Aeroelastic response predictions under uncertainty and computational acoustics	
Wong-Wylie, Douglas	University of Alberta	Psychology	Alberta	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Neural mechanisms underlying sensory, perceptual and cognitive processes in the avian brain	
Wong-Wylie, Douglas	University of Alberta	Psychology	Alberta	CANADA	18/04/2008	5	\$224,680	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neural mechanisms underlying sensory, perceptual and cognitive processes in the avian brain	
Woo, Carson	University of British Columbia	Sauder School of Business	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$112,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Tools and techniques for acquiring, specifying, and utilizing business strategy in early information systems requirements	
Wood, Janet	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	18/04/2008	5	\$372,370	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bacterial osmoadaptation: coordination of osmoregulatory systems and their roles in cell	
Wood, Lisa	University of Victoria	Geography	British Columbia/ Colombie-Britannique	CANADA	14/05/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Investigating responses in douglas-fir and white spruce wood and fibre properties to changing	
Woodbury, Nathan	Simon Fraser University	Biological Sciences	British Columbia/ Colombie-Britannique	CANADA	14/05/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Identification of Aggregation Pheromones in Thysanura and Their Ecological Significance	
Woodcock, Kathryn	Ryerson University	Occupational & Public Health, School of	Ontario	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Improving amusement ride safety and inspection with human factors	
Woodhouse, Kimberly	Queen's University	Applied Science, Faculty of	Ontario	CANADA	18/04/2008	5	\$250,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Block co-polymers combining synthetic and biologically based blocks	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Workentine, Matthew Lloyd	University of Calgary	Biological Sciences	Alberta	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The protein interaction network of GacA and GacS in Pseudomonas	
Worsley, Keith	McGill University	Mathematics and Statistics	Québec	CANADA	18/04/2008	5	\$250,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Random fields, brain mapping and "bubbles"	
Wortmann, Ulrich	University of Toronto	Geology	Ontario	CANADA	18/04/2008	5	\$130,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Non-steady state phanerozoic carbon and sulfur cycling	
Wren, Jungsook (Clara)	University of Western Ontario	Chemistry	Ontario	CANADA	18/04/2008	5	\$120,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interfacial chemical and transport kinetics in aggressive environments	
Wright, Patricia	University of Guelph	Integrative Biology	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Osmoregulation and respiration in aquatic vertebrates	
Wright, Patricia	University of Guelph	Integrative Biology	Ontario	CANADA	18/04/2008	5	\$352,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Osmoregulation and respiration in aquatic vertebrates	
Wu, Dan	University of Windsor	Computer Science, School of	Ontario	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Uncertain knowledge representation and reasoning in mobile multi-robot system	
Wu, Jianping	University of Alberta	Agricultural, Food and Nutritional Science	Alberta	CANADA	18/04/2008	5	\$125,900	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Antioxidant peptides from egg proteins	
Wu, Jingjing	University of Calgary	Mathematics and Statistics	Alberta	CANADA	18/04/2008	5	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Minimum distance estimation in semiparametric models	
Wu, Kui	University of Victoria	Computer Science	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$98,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Perception-based wireless sensor networks	
Wu, Xiao Yu (Shirley)	University of Toronto	Pharmacy, Leslie Dan Faculty of	Ontario	CANADA	18/04/2008	5	\$149,200	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular mechanism of polymer dynamics and kinetics of solute transport in multicomponent systems	
Wulff, Jeremy	University of Victoria	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$111,150	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Synthesis and evaluation of natural product and designed modulators of protein-protein interactions	
Wynne-Edwards, Katherine	Queen's University	Biology	Ontario	CANADA	18/04/2008	5	\$177,300	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Evolutionary endocrinology: information encoded in steroid hormone concentrations	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Xenopoulos, Marguerite	Trent University	Biology	Ontario	CANADA	18/04/2008	5	\$123,125	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Variation of stream dissolved organic carbon quantity, character and ecosystem function in a changing landscape	
Xi, Fengfeng (Jeff)	Ryerson University	Aerospace Engineering	Ontario	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modular reconfigurable machines: theory and application	
Xiao, Chijin	University of Saskatchewan	Physics and Engineering Physics	Saskatchewan	CANADA	18/04/2008	5	\$159,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Plasma physics and engineering for fusion research and material processing	
Xiao, Weidong	MSR Innovations Inc.	Head Office	British Columbia/ Colombie-Britannique	CANADA	14/05/2008	2	\$60,000	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	Optimized Operation of PV Power Generation	
Xie, Feng	University of British Columbia	Materials Engineering	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Solvent extraction of metals and cyanide from waste cyanide solution	
Xie, Feng	McMaster University	Computing and Software	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Bridging combinatorial and continuous approaches to linear optimization.	
Xie, Wei-Chau	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	18/04/2008	5	\$118,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stochastic dynamic stability of structures	
Xu, Chang-qing	McMaster University	Engineering Physics	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Advanced nonlinear optical materials	
Xu, Chang-qing	McMaster University	Engineering Physics	Ontario	CANADA	18/04/2008	5	\$146,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced nonlinear optical materials	
Xu, Lei	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	18/04/2008	5	\$125,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Stability and integrity of cold formed steel framed structures	
Xu, Li-Hong	University of New Brunswick	Physical Sciences - Saint John	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	5	\$170,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	IR laser spectroscopy of molecular structures & dynamics of bio-mimetics, & dynamics of bio- mimetics, & spectroscopic studies of large-amplitude motions in molecules of astrochemical &	
Xu, Xiaohong (Iris)	University of Windsor	Civil and Environmental Engineering	Ontario	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modelling of air quality for exposure assessment and emission control	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Xu, Yunjie	University of Alberta	Chemistry	Alberta	CANADA	18/04/2008	5	\$275,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Exploring chirality and chiral recognition using experimental spectroscopic and theoretical methods	
Yaccato, Karin	University of Toronto	Biomaterials and Biomedical Engineering, Inst. of (IBBME)	Ontario	CANADA	23/04/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Development and Automation of Assays for Infectious Disease Diagnosis in a Microfluidic System	
Yagoub, Mustapha	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	18/04/2008	5	\$140,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of advanced CAD tools for efficient RF/microwave device/circuit modelling	
Yahampath, Pradeepa	University of Manitoba	Electrical and Computer Engineering	Manitoba	CANADA	18/04/2008	5	\$97,455	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Distributed coding and signal processing for wireless sensor networks and ad-hoc networks	
Yang, Daniel	McMaster University	Biochemistry and Biomedical Sciences	Ontario	CANADA	18/04/2008	5	\$143,220	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Designing a minimal eukaryotic potassium channel	
Yang, Gary	University of British Columbia	Cellular and Physiological Sciences	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Control of the release of regulatory peptides from the mouse stomach	
Yang, Jianwen	University of Windsor	Earth Sciences	Ontario	CANADA	18/04/2008	5	\$110,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Integrated numerical investigation of hydrothermal fluid flow in sedimentary basins: implications for the formation of unconformity- type uranium deposits	
Yang, Laurence Tianruo	St. Francis Xavier University	Mathematics, Statistics and Computing Sciences	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$87,710	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Testing methodologies with power minimization for embedded systems	
Yang, Oliver	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	18/04/2008	5	\$146,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Research and applications of traffic congestion control in computer networks	
Yanikomeroğlu, Halim	Carleton University	Systems and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$112,070	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Advanced radio resource management in wireless relay networks	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Yao, Jianping	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Direct-sequence ultra- wideband over fiber technologies for wireless multiple access communications and sensor networks	
Yao, Jianping	University of Ottawa/ Université d'Ottawa	Information Technology and Engineering, School of	Ontario	CANADA	18/04/2008	5	\$200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Direct-sequence ultra- wideband over fiber technologies for wireless multiple access communications and sensor networks	
Yao, Zhaoling	University of Waterloo	Chemical Engineering	Ontario	CANADA	23/04/2008	3	\$105,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Intelligent drug delivery using polymer nanocomposite membranes	
Yaras, Metin	Carleton University	Mechanical & Aerospace Engineering	Ontario	CANADA	18/04/2008	5	\$93,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Instability and transition in separation bubbles with crossflow	
Yarranton, Harvey	University of Calgary	Chemical and Petroleum Engineering	Alberta	CANADA	16/05/2008	3	\$75,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Investigation of rag layer formation in emulsion treatment	
Yazdani, Raman	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Optimum detection and decoding under limited channel information	
Ye, Juan-Juan (Jane)	University of Victoria	Mathematics and Statistics	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optimization via nonsmooth analysis	
Ye, Yuli	University of Toronto	Computer Science	Ontario	CANADA	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Simple algorithms for hard problems	
Ye, Zuo-Guang	Simon Fraser University	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Design, synthesis and characterization of multi- ferroic materials- from inhomogeneous nanostructure to functional macroscopic properties	
Yedlin, Matthew	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Ultra-wideband microwave imaging and inversion for permittivity	
Yethiraj, Anand	Memorial University of Newfoundland	Physics and Physical Oceanography	Newfoundland and Labrador/ Terre-Neuve- et-Labrador	CANADA	18/04/2008	5	\$218,065	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Control and tunability of self assembly in colloidal soft matter: novel structures, materials science, and kinetics.	



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Yeung, Anthony	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	18/04/2008	5	\$115,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bending elasticity of adsorbed oil-water interfaces: direct measurement and relevance to oil sands engineering	
Yip, Christopher	University of Toronto	Chemical Engineering and Applied Chemistry	Ontario	CANADA	18/04/2008	5	\$200,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Probing biomolecular assembly: Structure and dynamics	
Yip, Clare	University of British Columbia	Chemical and Biological Engineering	British Columbia/ Colombie-Britannique	CANADA	11/06/2008	2	\$30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Clinical assessment tool for evaluating the surgical procedure effectiveness for Stress Urinary	
Yip, Martha	University of Wisconsin - Madison	Mathematics	Wisconsin	UNITED STATES/	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Combinatorics of generalized coinvariant	
You, Lidan	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bone cell mechanotransduction study on a chip	
Youk, Hyun	Massachusetts Institute of Technology	Physics	Massachusetts	UNITED STATES/ ÉTATS-UNIS	23/04/2008	2	\$42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Design Principles and Dynamics of Hexose Transporter Network in Yeast Saccharomyces Cerevisiae	
Young, Robert	Simon Fraser University	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$235,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Proof of concept molecules and molecular probes in drug discovery	
Young, Stephanie	University of Regina	Engineering, Faculty of	Saskatchewan	CANADA	18/04/2008	5	\$101,050	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development and applications of enzymatic kinetic models for upgrading the design and operation of biological nutrient removal processes	
Yousefi, Amirhossein	Weir-Jones Engineering Consultants Ltd	Head Office	British Columbia/ Colombie-Britannique	CANADA	14/05/2008	2	\$60,000	Industrial R&D Fellowships/ Bourses postdoctorales de R et D industrielle	Digital Accelerometer	
Yu, Hua-Zhong	Simon Fraser University	Chemistry	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$300,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Surface chemistry of biochips: from immobilization strategy to electrical characterization	
Yuan, Zhirun	University of New Brunswick	Chemical Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	18/04/2008	3	\$60,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development of a light weight multi-ply folding boxboard with high-yield pulps	

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Yudin, Andrei	University of Toronto	Chemistry	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Development and application of new methods for chemical synthesis	
Yudin, Andrei	University of Toronto	Chemistry	Ontario	CANADA	18/04/2008	5	\$450,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Development and application of new methods for chemical synthesis	
Yue, Stephen	McGill University	Mining, Metals and Materials Engineering	Québec	CANADA	18/04/2008	3	\$686,492	Strategic Projects/ Projets stratégiques	Cold spray processing of aerospace engine components	
Yuksel, Serdar	Queen's University	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$101,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Distributed sensing and control under information constraints	
Yurkov, Vladimir	University of Manitoba	Microbiology	Manitoba	CANADA	18/04/2008	5	\$175,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Microbial aerobic anoxygenic photosynthesis and heavy metal transformations	
Zacek, Viktor	Université de Montréal	Physique	Québec	CANADA	16/05/2008	2	\$640,000	Subatomic Physics Envelope - Project/ Enveloppe de physique subatomique - projet	Search for dark matter with the picasso experiment	
Zaky, Safwat	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$92,580	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Asynchronous circuits and systems	
Zamel, Nada	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Determination of bulk and effective diffusion coefficients of various gases and water vapor in polymer electrolyte membrane fuel cells	
Zamlynny, Vlad	Acadia University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	2	\$56,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Investigation of interaction of organic films with metal surfaces	
Zamora, Matt	University of Alberta	Chemistry	Alberta	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Metal-metal cooperativity in a new class of binuclear complexes bridges by Di-Carbene Ligands	
Zanatta, David	Trent University	Biology	Ontario	CANADA	23/04/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	The co-evolution of imperiled freshwater mussels and their host fish: Combining conservation genetics with artificial propagation and recovery planning	



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Zareipour, Hamidreza	University of Calgary	Electrical and Computer Engineering	Alberta	CANADA	18/04/2008	5	\$126,650	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modeling price behavior in competitive electricity markets and the applications to energy systems management	
Zargaran Yazd, Arash	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	3	\$63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Integrated implantable microelectrode with a controlled drug release system	
Zarifi, Keyvan	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunication - Montréal	Québec	CANADA	23/04/2008	2	\$80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Energy-Efficient Collaborative Beamforming for Distributed Ad-Hoc Sensor	
Zehbe, Ingeborg	Lakehead University	Biology	Ontario	CANADA	18/04/2008	5	\$150,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Molecular variants of human papillomavirus: impact on viral life cycle and persistence	
Zehr, Paul	University of Victoria	Exercise Science, Physical and Health Education, School of	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$160,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Neural coupling between the arms and legs during rhythmic locomotor movement	
Zelek, John	University of Waterloo	Systems Design Engineering	Ontario	CANADA	18/04/2008	1	\$143,950	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Robotic Haptic Workstation for Surgery and Rehabilitation	
Zello, Gordon Alexander	University of Saskatchewan	Pharmacy and Nutrition, College of	Saskatchewan	CANADA	18/04/2008	5	\$180,000	Discovery Grants Program - Group/ Programme de subventions à la découverte - équipe	Gastrointestinal organic acid production and metabolism	
Zemp, Roger	University of Alberta	Engineering, Faculty of	Alberta	CANADA	18/04/2008	5	\$117,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Photoacoustic and Doppler ultrasound biomicroscopy for oxygen consumption estimation	
Zerges, William	Concordia University	Biology	Québec	CANADA	18/04/2008	5	\$200,505	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Chloroplast biogenesis and stress tolerance	
Zhang, Dan	McGill University	Management, Desautels Faculty of	Québec	CANADA	18/04/2008	5	\$85,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modeling consumer behavior in revenue management	
Zhang, Dong	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	23/04/2008	2	\$30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Error concealment and rate control for video coding	
Zhang, Hao	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	18/04/2008	4	\$92,400	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Deformation mechanisms for nanocrystalline materials in metals	

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**From 04/01/2008 To 06/30/2008**

Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Zhang, Huiming	University of Windsor	Biological Sciences	Ontario	CANADA	18/04/2008	3	\$77,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Physiological functions and neural mechanisms of descending projections from the auditory cortex	
Zhang, Jian-Kang	McMaster University	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$112,070	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Diversity space-time modulation for MIMO wireless communication systems with fading channels	
Zhang, John Zhong	University of Lethbridge	Mathematics and Computer Science	Alberta	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Visibility-based polygon search problems	
Zhang, Junfeng	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Engineering, School of	Ontario	CANADA	18/04/2008	5	\$109,250	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Effects of surface properties on droplet dynamics in digital	
Zhang, Kiazhong	University of Western Ontario	Computer Science	Ontario	CANADA	18/04/2008	5	\$154,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Algorithms and software tools for RNA and protein structure analysis	
Zhang, Wenjun (Chris)	University of Saskatchewan	Mechanical Engineering	Saskatchewan	CANADA	18/04/2008	5	\$122,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modeling and control of human-centered intelligent mechatronic systems with consideration of emotion	
Zhang, Ying	Acadia University	Mathematics and Statistics	Nova Scotia/ Nouvelle- Écosse	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Time series analysis and its applications	
Zhang, Ying	University of British Columbia	Biochemistry and Molecular Biology	British Columbia/ Colombie-Britannique	CANADA	14/05/2008	2	\$70,000	Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada D	Mechanisms that govern the effects of endogenous retroviruses on host genes	
Zhao, Dongmei	McMaster University	Electrical and Computer Engineering	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Radio resource management in a reconfigurable wireless network	
Zhao, Dongmei	McMaster University	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	5	\$131,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Radio resource management in a reconfigurable wireless	
Zhao, Xin	McGill University	Animal Science	Québec	CANADA	18/04/2008	3	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Interaction between S. aureus and bovine mammary epithelial cells	
Zhao, Yue	Université de Sherbrooke	Chimie	Québec	CANADA	18/04/2008	1	\$54,765	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Differential scanning calorimeter	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Zhao, Yuming	Memorial University of Newfoundland	Chemistry	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	18/04/2008	3	\$108,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Functional nanomaterials based on conjugated oligomers, [60] fullerene and carbon nanotubes	
Zheng, Ming	University of Windsor	Engineering, Faculty of	Ontario	CANADA	18/04/2008	5	\$108,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Low temperature diesel combustion study via direct gas sampling	
Zhitomirsky, Igor	McMaster University	Materials Science and Engineering	Ontario	CANADA	18/04/2008	5	\$105,850	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Nanocomposite materials for biomedical applications	
Zhou, Biao	University of Windsor	Mechanical, Automotive and Materials Engineering	Ontario	CANADA	18/04/2008	3	\$177,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Innovative Design and Manufacture of MEA and Bipolar Plate	
Zhou, Fei	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	18/04/2008	5	\$165,730	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Strongly interacting cold atoms in optical lattices	
Zhou, Hongde	University of Guelph	Engineering, School of	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Dual membrane bioreactor processes for wastewater treatment and reuse	
Zhou, Hongde	University of Guelph	Engineering, School of	Ontario	CANADA	18/04/2008	5	\$115,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dual membrane bioreactor processes for wastewater treatment and reuse	
Zhou, Norman	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	18/04/2008	5	\$134,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Metallurgical study of laser microwelding of nitinol	
Zhu, Bo	Concordia University	Concordia Institute for Information Systems Engineering (CIISE)	Québec	CANADA	18/04/2008	5	\$75,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Towards privacy-preserving security data sharing within large-scale collaborative detection	
Zhu, David Zhiwei	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	16/06/2008	4	\$150,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Drop structures in drainage systems	
Zhu, David Zhiwei	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	18/04/2008	1	\$150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	A titling open channel flume for hydraulics experiments	
Zhu, Huaiping	York University	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$100,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bifurcation theory and applications in mathematical biology	
Zhu, Jingxu (Jesse)	University of Western Ontario	Chemical and Biochemical Engineering	Ontario	CANADA	16/05/2008	3	\$180,505	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Pulmonary delivery of surfactant for treatment of lung diseases	



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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Zhu, Jingxu (Jesse)	University of Western Ontario	Chemical and Biochemical Engineering	Ontario	CANADA	18/04/2008	5	\$255,500	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Particle and fluidization technology	
Zhu, Lei (Raymond)	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	11/06/2008	2	\$30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Inverstigation of RFIC architectures for adaptive radio/antenna system applications	
Zhu, Mengchen	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	14/05/2008	1	\$26,250	Canada Graduate Scholarship M/ Bourse d'études supérieures du Canada M	Imaging and Analysis of Prostate Mechanical Properties Correlating to Malignancy	
Zhu, Rong	McMaster University	Mathematics and Statistics	Ontario	CANADA	18/04/2008	5	\$70,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical inference and covariate incorporation for count data time series, development of grouping methodology and fitting algorithm for generalized cluster analysis	
Zhuang, Weihua	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	18/04/2008	5	\$219,270	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Resource allocation in spectrum agile wireless networks	
Ziegler, Tom	University of Calgary	Chemistry	Alberta	CANADA	18/04/2008	5	\$580,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	The development of density functional theory based modeling tools and their application to	
Zilic, Zeljko	McGill University	Electrical and Computer Engineering	Québec	CANADA	18/04/2008	5	\$126,750	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Design tools for microsystems with post-fabrication debug, correction and tuning	
Zitikis, Ricardas	University of Western Ontario	Statistical and Actuarial Sciences	Ontario	CANADA	18/04/2008	2	\$34,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Statistical inference in actuarial, engineering, and life sciences	
Zsaki, Attila	Concordia University	Building, Civil and Environmental Engineering	Québec	CANADA	18/04/2008	5	\$90,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Optimized stress analysis model generation for tunneling applications incorporating geology	
Zsombor-Murray, Paul	McGill University	Mechanical Engineering	Québec	CANADA	18/04/2008	5	\$95,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Geometric modeling for kinematics and inspection of multibody systems	
Zu, Jean	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Dynamic analysis and design optimization of advanced automotive belt/drive/systems for micro hybrid vehicles	

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From 04/01/2008 To 06/30/2008

Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Zu, Jean	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	18/04/2008	5	\$165,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Dynamic analysis and design optimization of advanced automotive belt/drive/systems for micro hybrid vehicles	
Zucker, Jeffery	McMaster University	Computing and Software	Ontario	CANADA	18/04/2008	5	\$105,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Computation on many-sorted topological algebras	
Zukotynski, Stefan	University of Toronto	Electrical and Computer Engineering	Ontario	CANADA	18/04/2008	3	\$146,181	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Modelling of complex hydrothermal ore-forming fluids in multi-episodic tectonic terrances	
Zwanziger, Josef	Dalhousie University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	16/06/2008	3	\$120,000	Discovery Grants Program - Accelerator Supplements/ Programme de subventions à la découverte - supplément d'accélération	Materials in fields: spectroscopic investigation of stress and electrical response of materials	
Zwanziger, Josef	Dalhousie University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	18/04/2008	5	\$350,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Materials in fields: spectroscopic investigation of stress and electrical response of materials	
Zytner, Richard	University of Guelph	Engineering, School of	Ontario	CANADA	18/04/2008	5	\$145,000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Bioventing scale up factors	