

**NSERC Grants and Scholarships
From 01/01/2012 To 03/31/2012**

Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
(Mehes) Smith, Melanie	Nipissing University	Biology	Ontario	CANADA	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Cytogenetic and molecular effects of radiation on vascular plants found on uranium mine tailings in Elliot Lake, Ontario, Canada	
Abbassi, Rouzbeh	Princeton University	Civil and Environmental Engineering		UNITED STATES/ ÉTATS-UNIS	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Quantification and modeling of a landfill gas flare using computational fluid dynamics	
Abdel-Rahman, Eihab	University of Waterloo	Systems Design Engineering	Ontario	CANADA	03/29/2012	1	52,646	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Micro-Electro-Mechanical Gas Sensors	
Abdul Careem, Mohamed Faizal	University of Calgary	Veterinary Medicine, Faculty of	Alberta	CANADA	03/29/2012	1	56,305	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Infrastructure for poultry viral immunology studies	
Ackerman, Josef	University of Guelph	Integrative Biology	Ontario	CANADA	03/29/2012	1	96,933	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Fluid Imaging and Particle Analysis System in Aquatic Ecosystems	
Acosta, Edgar	University of Toronto	Chemical Engineering and Applied Chemistry	Ontario	CANADA	03/29/2012	1	100,757	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Acoustic - Electroacoustic Spectrometer (AES) for colloids characterization	
Adler, Andy	Carleton University	Engineering and Design, Faculty of	Ontario	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Towards a complete intelligent video surveillance system using advanced image analysis schemes and biometric identification technology	
Adronov, Alex	McMaster University	Chemistry & Chemical Biology	Ontario	CANADA	03/29/2012	1	148,219	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	UV-Vis-NIR Absorption Spectrometer	
Adve, Raviraj	University of Toronto	Electrical and Computer Engineering, Edward S. Rogers Sr. Department of	Ontario	CANADA	03/16/2012	3	153,273	Department of National Defence / NSERC Research Partnership/ Partenariat de recherche du ministère de la Défense nationale et du CRSNG	Adaptivity in Over-the-Horizon and High-Frequency Surface Wave Radar	
Ahmadloo, Majid	TRLabs	Head Office	Alberta	CANADA	03/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Enhancing efficiency and bandwidth of multiband multipolarization electrically small antenna in ultra-compact wireless devices	

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Aimez, Vincent	Université de Sherbrooke	Génie électrique et génie informatique	Québec	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Développement de cellules solaires fonctionnant à haute température pour centrales hybrides thermique-photovoltaïque	
Akbari, Mohsen	McGill University	Biomedical Engineering	Québec	CANADA	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Flow manipulation in microdevices using thermo-responsive polymers	
Alam, Shafiq	Memorial University of Newfoundland	Engineering and Applied Science, Faculty of	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Hydrometallurgical recovery of gold using lignin-based adsorbents	
Alam, Shafiq	Memorial University of Newfoundland	Engineering and Applied Science, Faculty of	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Gold recovery through biosorption	
Alam, Shahria	University of British Columbia	Okanagan - Engineering, School of	British Columbia/ Colombie-Britannique	CANADA	01/20/2012	3	60,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Green Concrete for Sustainable Construction	
Alam, Shahria	University of British Columbia	Okanagan - Engineering, School of	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	135,678	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Freeze-thaw testing machine for sustainable construction materials	
Alfantazi, Akram	University of British Columbia	Materials Engineering	British Columbia/ Colombie-Britannique	CANADA	03/16/2012	2	192,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	The role of glass transition temperature of polymer coatings on their corrosion protection performance in high temperature oil and gas pipelines	
Alfonso Avila, Angel Rene	Université Laval	Sciences animales	Québec	CANADA	01/12/2012	4	27,000	Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat	Characterization and valorization as dairy cow feeds of the by-products resulting from the production of biodiesel made from microalgae	
Allen Demers, Louis-Alexis	Robotiq	Head Office	Québec	CANADA	02/17/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Développement d'une main robotique de nouvelle génération	

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Allen, Janice	Dalhousie University	Earth Sciences	Nova Scotia/ Nouvelle-Écosse	CANADA	03/21/2012	4	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Two- and three- dimensional numerical models of salt tectonics systems: considering the impact of variations in scaling within analogue experiments	
Alpas, Ahmet	University of Windsor	Mechanical, Automotive and Materials Engineering	Ontario	CANADA	02/17/2012	5	750,000	Industrial Research Chairs/ Professeurs-chercheurs industriels	NSERC/General Motors of Canada Industrial Research Chair in Tribology of Lightweight Materials	
Alper, Howard	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	01/20/2012	3	225,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	New ligands of commercial utility	
Altenhof, William	University of Windsor	Mechanical, Automotive and Materials Engineering	Ontario	CANADA	03/29/2012	1	110,224	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	High speed digital image correlation system for material deformation analyses	
Amirfazli, Alidad	University of Alberta	Mechanical Engineering	Alberta	CANADA	03/29/2012	1	48,542	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	High Speed Imaging Facility	
Anderson, Alan	St. Francis Xavier University	Geology	Nova Scotia/ Nouvelle-Écosse	CANADA	03/16/2012	4	307,320	NSERC/NRCan/AECL Generation IV Energy Technologies Program/ Programme des technologies énergétiques de quatrième génération CRSNG RNCan EAEL	Time-resolved structural and chemical investigations of metal oxide - water systems under conditions of extreme temperature, pressure and radiation	
Anderson, Jason	University of Toronto	Electrical and Computer Engineering, Edward S. Rogers Sr. Department of	Ontario	CANADA	03/16/2012	3	127,500	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	A self-accelerating adaptive processor	
Aravena, Ramon	University of Waterloo	Earth & Environmental Sciences	Ontario	CANADA	03/29/2012	1	74,465	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	CRDS Methane Isotope Analyzer for Environmental Research	
Archambault, Guylaine	Musée Armand-Frappier	Siège social	Québec	CANADA	03/08/2012	3	77,400	PromoScience	Développement des camps scientifiques	
Armstrong, Rick	Nunavut Research Institute	Head Office	Nunavut	CANADA	02/10/2012	2	30,000	PromoScience	Simply Science	
Arp, Paul	University of New Brunswick	Forestry and Environmental Management, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	02/17/2012	3	387,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Soil trafficability modelling	

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Ashour, Ahmed	McMaster University	Civil Engineering	Ontario	CANADA	03/21/2012	4	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Capacity Quantification of Reduced-scale Resilient Reinforced Masonry Walls under Blast	
Ashrit, Pandurang	Université de Moncton	Physique et d'astronomie	New Brunswick/ Nouveau-Brunswick	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	High efficiency optical filters for aviation applications	
Asselin, Edouard	University of British Columbia	Materials Engineering	British Columbia/ Colombie-Britannique	CANADA	02/17/2012	3	160,500	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Electrochemical and surface studies to enhance copper recovery from primary sulphide minerals	
Atalla, Noureddine	Université de Sherbrooke	Génie mécanique	Québec	CANADA	01/20/2012	1	125,000	Idea to Innovation/ De l'idée à l'innovation	Device for reticulating foams using shock waves in a gaseous environment	
Aubin, Carl-Éric	École Polytechnique de Montréal	Génie mécanique	Québec	CANADA	03/16/2012	5	109,000	Industrial Research Chairs/ Professeurs-chercheurs industriels	NSERC/Medtronic Industrial Research Chair in Spine Biomechanics/Chaire de recherche industrielle CRSNG-Medtronic en biomécanique de la colonne vertébrale	
Awasthi, Anjali	Concordia University	Concordia Institute for Information Systems Engineering (CIISE)	Québec	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Dynamic fleet management models for improving carsharing operations	
Bahrami, Majid	Simon Fraser University	Mechatronic Systems Engineering	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	96,791	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Integrated Environmental Chambers for Development of Sustainable Air Conditioning Systems of Hybrid Electric Vehicles	
Bahreyni, Behraad	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Collision avoidance sensors for intraoperative imaging systems	
Bai, Yun	Hatch Ltd.	Principal Regional Office Alberta (Calgary)	Ontario	CANADA	03/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Development of a process optimization model for N-Solv technology	
Ballivy, Gérard	Université de Sherbrooke	Génie civil	Québec	CANADA	03/16/2012	3	442,956	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Analyse de la variabilité spatiale des propriétés mécaniques des discontinuités dans un barrage-poids en béton	

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Balshine, Sigal	McMaster University	Head Office	Ontario	CANADA	03/29/2012	1	27,979	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	A Portable Underwater Assessment Unit	
Ban, Dayan	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Atomic force microscopy surface potential as a method for memory readback and device failure analysis	
Banerjee, Neil	The University of Western Ontario	Earth Sciences	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Determination of pathfinder elements and alteration assemblages associated with gold mineralization at the Cunningham Property, Kirkland Lake Gold Camp	
Banthia, Nemkumar	University of British Columbia	Civil Engineering	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	132,415	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	250 kN Fatigue Rated Dynamic Materials Test System	
Baranova, Elena	University of Ottawa/ Université d'Ottawa	Chemical and Biological Engineering	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Efficient catalytic systems for Reverse Water Gas Shift (RWGS) reaction based on nano-structured Ni catalysts	
Barber, David	University of Manitoba	Environment, Earth, & Resources, Clayton Riddell Faculty of	Manitoba	CANADA	02/10/2012	3	77,400	PromoScience	Schools on Board	
Barbour, Lee	University of Saskatchewan	Civil and Geological Engineering	Saskatchewan	CANADA	01/20/2012	5	1,305,800	Industrial Research Chairs/ Professeurs- chercheurs industriels	NSERC/Syncrude Canada Ltd. Industrial Research Chair in Hydrogeological Characterization of Oil Sands Mine Closure Landforms	
Barclay, Paul	University of Calgary	Physics and Astronomy	Alberta	CANADA	03/29/2012	1	147,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Multi-channel waveform generation system for coherent control of quantum systems	
Barker, Nancy	University of KwaZulu-Natal	Head Office		SOUTH AFRICA/ AFRIQUE DU SUD	01/18/2012	4	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	The effects of competition on hyaena space use patterns in unfenced reserves and their implications for human- wildlife conflict.	

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Barks, Patrick	University of Lethbridge	Biological Sciences	Alberta	CANADA	01/12/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Constraints on the generalization of predator recognition in teleost fishes	
Barlow, Reni	Youth Science Canada/ Sciences jeunesse Canada	Head Office	Ontario	CANADA	02/10/2012	3	225,000	PromoScience	Engaging Youth & Teachers in Inquiry Science: Enhanced Development, Delivery, & Promotion of National Programs	
Barthelat, Francois	McGill University	Mechanical Engineering	Québec	CANADA	03/29/2012	1	92,417	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	"Three-dimensional laser engraver for micro-structuring of materials, surface patterning, micro-machining and rapid prototyping"	
Bashforth, Arden	Smithsonian Institute	Paleobiology		UNITED STATES/ ÉTATS-UNIS	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	The resurrection of David White and development of a plant fossil biostratigraphy for North America	
Baturin, Simon	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	03/21/2012	3	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Investigating the Lys-Ser Catalytic Dyad in a Model Viral Protease by NMR Spectroscopy	
Baumgartner, Thomas	University of Calgary	Chemistry	Alberta	CANADA	03/29/2012	1	149,999	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	"An Inert-Atmosphere, Multilayer Thin-Film Deposition System"	
Bayat, Khadijeh	Harvard University	Engineering and Applied Sciences, School of		UNITED STATES/ ÉTATS-UNIS	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	An Integrated Terahertz Circuit Technology for Bio-sensing and Ultra-High Data Rate Communication	
Beach, Daniel	University of Guelph	Chemistry	Ontario	CANADA	03/21/2012	3	70,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Development of Mass Spectrometry Based Methods for the Non-Target Analysis of Urinary Modified Nucleosides and Nucleobases as Biomarkers of DNA and RNA Damage.	

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Beaumont, Denis	Cégep de Lévis-Lauzon	Siège social	Québec	CANADA	03/16/2012	5	500,000	Technology Access Centre/ Centre d'accès à la technologie	Embauche d'un directeur scientifique, gestionnaire de la recherche à TransBIOTech	
Bedi, Sanjeev	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Experimental testing of road bicycle stiffness	
Behdinin, Kamran	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	03/16/2012	5	1,000,000	Chairs in Design Engineering/ Chaires en génie de la conception	NSERC Chair in Multi-Disciplinary Engineering Design	
Bélangier, Daniel	Université du Québec à Montréal	Chimie	Québec	CANADA	03/29/2012	1	147,669	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Urgent replacement of a thermogravimetric analyzer and upgrade with a mass spectrometer	
Belarbi, Khaled	Teledyne Dalsa	Semiconductor Manufacturing Facility	Ontario	CANADA	03/16/2012	3	60,384	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Process development for low-pressure chemical vapor deposition of low-stress silicon-nitride and in-situ doped polysilicon thin films on 200 mm wafers in a novel vertical furnace	
Béliveau, Louise	Université de Montréal	Recteur, Cabinet du	Québec	CANADA	02/10/2012	3	72,600	PromoScience	Projet SEUR - Accès-sciences et milieux scolaires défavorisés - immersion et encadrement	
Benkel, Bernhard	Nova Scotia Agricultural College	Plant and Animal Sciences	Nova Scotia/ Nouvelle-Écosse	CANADA	02/17/2012	1	47,391	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Genetic markers for persistency and egg shell quality during an extended laying period.	
Beranek, Richard	Carleton University	Mechanical & Aerospace Engineering	Ontario	CANADA	03/21/2012	4	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Behaviour based locomotion stability controller for bipedal robots	
Berard, Neville	Queen's University	Civil Engineering	Ontario	CANADA	03/21/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Effect of Infragravity Long Waves on Beach Response to Storm Events	
Bercovici, Dov	Discovery Centre	Head Office	Nova Scotia/ Nouvelle-Écosse	CANADA	02/10/2012	3	45,000	PromoScience	Science on the Road	
Bergeron, Michel	Université Laval	Centre de recherche en infectiologie (CRI)	Québec	CANADA	02/10/2012	3	90,000	PromoScience	Chercheur-e d'un jour	

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Berini, Pierre	University of Ottawa/ Université d'Ottawa	Engineering, Faculty of	Ontario	CANADA	03/26/2012	3	150,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Surface plasmon optoelectronics in silicon for non-contact wafer probing	
Bernards, Mark	The University of Western Ontario	Biology	Ontario	CANADA	03/29/2012	1	149,463	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	LC-MS for the Analysis of Small Molecules	
Bernier, Jean-Sébastien	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Exploring cold atom quantum simulators	
Bernier, Monique	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	02/10/2012	3	82,500	PromoScience	Promoscience	
Bernier, Pierre-Michel	Université de Sherbrooke	Kinanthropologie	Québec	CANADA	03/29/2012	1	25,550	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Transcranial magnetic stimulator (TMS) to probe cortical connectivity	
Berruti, Franco	The University of Western Ontario	Chemical and Biochemical Engineering	Ontario	CANADA	02/17/2012	1	25,000	Strategic Research Networks Program Intent/ Programme de subventions de réseaux stratégiques lettres d'intentions	Letters of Funding for full application preparation-NSERC Strategic Network - Canadian Biochar Research and Application Network (Biochar Net)	
Berthiaume, Jean	Collège Édouard-Montpetit	Siège social	Québec	CANADA	03/16/2012	5	250,000	Technology Access Centre/ Centre d'accès à la technologie	Service de développement de systèmes avioniques	
Bérubé, Marie-France	Collège communautaire du Nouveau-Brunswick	CCNB - Campus d'Edmundston	New Brunswick/ Nouveau-Brunswick	CANADA	02/10/2012	3	39,900	PromoScience	Pleins Feux sur les biosciences	
Besbes, Mohamed Amine	Université de Moncton	Génie électrique	New Brunswick/ Nouveau-Brunswick	CANADA	02/09/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Optimisation énergétique d'un système de contrôle des conditions ambiantes dans un édifice	
Betz, Vaughn	University of Toronto	Electrical and Computer Engineering, Edward S. Rogers Sr. Department of	Ontario	CANADA	02/17/2012	5	600,000	Industrial Research Chairs/ Professeurs-chercheurs industriels	NSERC/Altera Industrial Research Chair in Programmable Silicon	
Billah, Abu Hena Md Muntasir	University of British Columbia	Okanagan - Engineering, School of	British Columbia/ Colombie-Britannique	CANADA	03/08/2012	4	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Displacement based seismic design and retrofitting of RC bridge bents using Shape Memory Alloys	
Birch, Joy	London Regional Children's Museum	Head Office	Ontario	CANADA	02/10/2012	3	36,000	PromoScience	Science in Your World	
Birss, Viola	University of Calgary	Chemistry	Alberta	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of fuel cell catalyst layers based on novel membrane materials	

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Bishop, Cory	St. Francis Xavier University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	03/29/2012	1	149,313	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Table top scanning electron microscope equipped with energy dispersive X-ray spectroscopy for imaging and analytical research.	
Black, Nancy	Université de Moncton	Head Office	New Brunswick/ Nouveau-Brunswick	CANADA	03/29/2012	1	51,130	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	"Wireless position, posture and motion recording and analysis system"	
Blais, Jean-François	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	02/17/2012	2	150,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Décontamination de sols pollués par le pentachlorophénol, les dioxines et furanes et les métaux	
Blanchet, Catherine	Cégep de Thetford	Siège social	Québec	CANADA	03/16/2012	6	2,300,000	College and Community Innovation Program/ Programme d'innovation dans les collèges et la communauté	Développement d'une plateforme technologique pour la valorisation d'oléagineux dans les applications industriels des matériaux et fluides techniques	
Blanchette, Mathieu	McGill University	Computer Science, School of	Québec	CANADA	03/29/2012	1	40,173	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Computing infrastructure for bioinformatics web services	
Blier, Pierre	Université du Québec à Rimouski	Biologie, Chimie et Géographie	Québec	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Hyaluronic acid (HA) confers stability to marine-sourced serine proteases from cold water fish.	
Bochmann, Gregor	University of Ottawa/ Université d'Ottawa	Engineering, Faculty of	Ontario	CANADA	03/16/2012	3	204,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Distributed crawling and security assessment of rich internet applications	
Boddy, Christopher	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of a process for the manufacture of pseudaminc acid	
Bodepudi, Srikrishna Chanakya	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	03/08/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Graphene anti-dot lattice based devices for digital and spintronic applications	
Boivin, Suzanne	Conseil du Loisir Scientifique de la région Métropolitaine	Siège social	Québec	CANADA	02/10/2012	3	45,000	PromoScience	Clascience	
Bonham-Smith, Peta	University of Saskatchewan	Arts and Science College	Saskatchewan	CANADA	02/10/2012	3	50,100	PromoScience	Science Ambassador Program	

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Boraston, Alisdair	University of Victoria	Biochemistry and Microbiology	British Columbia/Colombie-Britannique	CANADA	03/29/2012	1	92,075	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	A multi-functional plate reader for structural and functional proteomics.	
Bork, Edward	University of Alberta	Agricultural, Life and Environmental Sciences, Faculty of	Alberta	CANADA	03/16/2012	4	134,772	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Minimizing hybrid poplar tree mortality and plantation yield losses due to competition	
Botton, Gianluigi	McMaster University	Materials Science and Engineering	Ontario	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Upgrade of energy-loss spectrometer for ultrahigh-resolution TEM	
Boufama, Boubakeur	University of Windsor	Computer Science, School of	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Accurate calibration of x-ray imaging systems used for LAUE and stress measurement in single crystals.	
Bouferguene, Ahmed	University of Alberta	Campus Saint-Jean	Alberta	CANADA	01/20/2012	3	150,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Productivity analysis and optimization for sewer maintenance operations	
Boulanger, Pierre	University of Alberta	Computing Science	Alberta	CANADA	03/29/2012	1	64,102	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Free Viewpoint Video System for MIS Training	
Boulet, Benoit	McGill University	Electrical and Computer Engineering	Québec	CANADA	03/16/2012	5	4,326,117	Automotive Partnership Canada Project/ Partenariat automobile du Canada	Development of optimal electric drive trains for on-road vehicles	
Boyd, Lara	University of British Columbia	Medicine, Faculty of	British Columbia/Colombie-Britannique	CANADA	03/29/2012	1	63,629	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	MRI compatible EEG for discovery of the neural correlates of memory consolidation in the human brain	
Bramburger, Andrew	St. Lawrence River Institute of Environmental Sciences	Head Office	Ontario	CANADA	01/20/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Evaluating the relative importance of spatial and temporal heterogeneity on the structure and dynamics of riverine communities	
Bremner, David	University of New Brunswick	Computer Science, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Advanced Acquisition, Data-Logging & Control Thermal Analysis Software	
Britton, Robert	Simon Fraser University	Chemistry	British Columbia/Colombie-Britannique	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Synthesis of small molecule modulators of cancer metabolism	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Brochu, Mathieu	McGill University	Mining & Materials Engineering.	Québec	CANADA	03/29/2012	1	27,533	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Jet Polisher for thin film sample preparation	
Brochu, Mathieu	McGill University	Mining & Materials Engineering.	Québec	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	High Speed Dilatometry for Dynamic Behavior Analysis of Advanced Materials during Manufacturing and Service	
Broders, Hugh	Saint Mary's University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	03/16/2012	3	150,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Characterization of bat movement patterns to inform the decision-making process about the potential risks of local wind energy developments on bat populations	
Brolo, Alexandre	University of Victoria	Chemistry	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	27,605	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	785 nm laser for a Raman microscope	
Brouillette, François	Université du Québec à Trois-Rivières	Recherche en pâtes et papiers, Centre de	Québec	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Contrôle des dépôts collants sur les machines à carton d'emballage à l'aide d'aminosilicones	
Brown, Grant	Concordia University	Biology	Québec	CANADA	03/29/2012	1	33,200	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Shared field vehicle for ecology research.	
Brown, Jeremy	Dalhousie University	Biomedical Engineering, School of	Nova Scotia/ Nouvelle-Écosse	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	A novel piezoelectric hydrophone based on next generation single crystal	
Brown, Leonid	University of Guelph	Physics	Ontario	CANADA	03/29/2012	1	130,671	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Large volume preparative ultracentrifuge for the enhancement of membrane biophysics research at Guelph	
Brun del Re, Riccardo	Algonquin College of Applied Arts and Technology	Head Office	Ontario	CANADA	02/17/2012	1	25,000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Development of a platform for precise color identification	

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Brunke, Adam	Kobenhavns Universitet	Zoological Museum		DENMARK/ DANEMARK	01/04/2012	3	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	A world revision and phylogenetic analysis of <i>Bolitogyrus</i> , a key genus in unlocking the evolutionary history of the rove beetle tribe Staphylinini (Coleoptera: Staphylinidae: Staphylininae).	
Bryce, David	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	03/29/2012	1	77,465	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Single-Crystal NMR Probe for Studies of Weak Interactions and Novel Materials	
Budman, Hector	University of Waterloo	Chemical Engineering	Ontario	CANADA	01/20/2012	1	125,000	Idea to Innovation/ De l'idée à l'innovation	Spectrofluorometric-based system for monitoring and optimizing a membrane-based process for drinking water production	
Budzelaar, Peter	University of Manitoba	Chemistry	Manitoba	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Selection of computational and kinetics methods for studying chlorine dioxide formation and decomposition	
Buijs, Adriaan	McMaster University	Engineering Physics	Ontario	CANADA	03/16/2012	4	196,800	NSERC/NRCan/AECL Generation IV Energy Technologies Program/ Programme des technologies énergétiques de quatrième génération CRSNG RNCan EAEL	A Study of the Reactor Core Physics in Support of the Super-Critical-Water Reactor Design of Atomic Energy of Canada, Limited.	
Burch, Kenneth	University of Toronto	Physics	Ontario	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Testing a high throughput virtual slit in a Raman spectrometer	
Burch, Neil	University of Alberta	Computing Science	Alberta	CANADA	03/21/2012	4	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Generating Strategies for Playing Large Imperfect Information Games	
Burgess, Ian	University of Saskatchewan	Chemistry	Saskatchewan	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Synchrotron characterization of carbonyl Ni	
Buriak, Jillian	University of Alberta	Chemistry	Alberta	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Nanoscale graphitic coatings for photovoltaic and battery applications	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Burns, Catherine	University of Waterloo	Systems Design Engineering	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Exploring a mobile device interface that adapts its look and functionality to suit user state as measured by a biosensor	
Burns, David	McGill University	Chemistry	Québec	CANADA	01/20/2012	1	125,000	Idea to Innovation/ De l'idée à l'innovation	Ultrasonic nanogel platform development for pathogen detection	
Butcher, Cliff	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	A Multi-scale Model to Predict Ductile Fracture of Sheet Metals in Combined Tension and Shear	
Buttigieg, Josef	University of Regina	Biology	Saskatchewan	CANADA	03/29/2012	1	51,938	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Electrophysiology and imaging lab	
Cabana, Hubert	Université de Sherbrooke	Génie civil	Québec	CANADA	03/29/2012	1	27,983	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Système de lyophilisation	
Cadien, Kenneth	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	03/29/2012	1	117,001	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Infra-red Fourier vacuum spectrometer for solar cell and thin film research	
Cahill, Farrell	Memorial University of Newfoundland	Medicine, Faculty of	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	03/21/2012	3	70,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	The functional role of sonic hedgehog homolog (SHH) during a high fat diet in adipose tissue development.	
Cai, Ming	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Engineering, School of	Ontario	CANADA	02/17/2012	3	313,350	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Advanced engineering of rock support for rockburst-prone mines	
Camalang, Abbey Erica	University of Queensland	Biological Sciences, School of		AUSTRALIA/ AUSTRALIE	01/04/2012	3	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Evaluating the effectiveness of different approaches to critical habitat identification for species at risk.	
Campbell, Robert	University of Alberta	Chemistry	Alberta	CANADA	03/29/2012	1	52,330	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	A second generation screening system for fluorescence-guided protein engineering	
Cao, Jun	Ryerson University	Mechanical and Industrial Engineering	Ontario	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Multiphysics modeling of a fuel cell sensor for the purpose of breath alcohol testing	

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Cardou, Philippe	Université Laval	Génie mécanique	Québec	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	CESAIHR: Capteur d'efforts six-axes pour l'interaction humain-robot	
Caron, Louis-Charles	École Nationale Supérieure des Mines de Paris	Head Office		FRANCE	02/01/2012	4	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Circuit neuromorphique de traitement de signal basé sur la coïncidence temporelle dans un réseau de neurones à décharges	
Caron, Michel	La Cité collégiale	Siège Social	Ontario	CANADA	03/16/2012	5	997,921	Industrial Research Chairs for Colleges Grants/ Subventions de chaire de recherche industrielle dans les collèges	Chaire industrielle dans les collèges du CRSNG en Biotransformation et ingénierie agroalimentaire.	
Carpendale, Sheelagh	University of Calgary	Computer Science	Alberta	CANADA	03/29/2012	1	86,480	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Equipment for visualizing personal informatics	
Carss, Andrew	University of Calgary	Chemical and Petroleum Engineering	Alberta	CANADA	01/12/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Slurry Phase Hydroconversion in a Continuous Flow Reactor with Catalyst Recycle	
Cascante, Giovanni	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	02/17/2012	2	128,708	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Reliable ultrasonic non-destructive testing and asset management of utility wood poles	
Cercone, Nick	York University	Computer Science and Engineering	Ontario	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Analysis of specific types of log messages from machine generated data	
Cerruti, Marta	McGill University	Mining & Materials Engineering.	Québec	CANADA	03/29/2012	1	143,242	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Microcalorimetry of adsorption: energy at interfaces	
Chaallal, Omar	École de technologie supérieure	Génie de la construction	Québec	CANADA	03/29/2012	1	84,290	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Système de mise à jour de la pompe et du contrôleur pour les vérins MTS	
Chaffar, Soumaya	Nuance Communications Canada Inc	Head Office	Québec	CANADA	02/17/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Sentiment analysis in the call center	
Chambers, Stuart	Powertech Labs Inc.	Head Office	British Columbia/ Colombie-Britannique	CANADA	03/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	On-line monitoring of transformers and condition assessment	
Chan, Paul	Royal Military College of Canada/ Collège militaire royal du Canada	Chemistry and Chemical Engineering	Ontario	CANADA	03/16/2012	4	177,080	NSERC/NRCan/AECL Generation IV Energy Technologies Program/ Programme des technologies énergétiques de quatrième génération CRSNG RNCan EAEL	Optimizing Fuel Pellet and Fuel Element Geometries to Support a Pre-Conceptual Fuel Design for the Canadian SCWR	

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Chan, Wai-Yip (Geoffrey)	Queen's University	Electrical and Computer Engineering	Ontario	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Speech Dereverberation Algorithms for Hearing Aids	
Chandra, Sanjeev	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Compact Heat Exchanger for a Portable Cold Spray Gun	
Chapman, Colin	McGill University	Anthropology	Québec	CANADA	03/29/2012	1	54,220	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	"Four-Wheel Drive Truck to Access Remote Areas of Kibale National Park, Uganda"	
Charette, Steve	Université Laval	Biochimie, de microbiologie et de bio-informatique	Québec	CANADA	03/29/2012	1	149,517	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Microscopie confocale pour l'IBIS (Institut de Biologie Intégrative et des Systèmes)	
Chatoorgoon, Vijay	University of Manitoba	Mechanical and Manufacturing Engineering	Manitoba	CANADA	03/16/2012	4	280,000	NSERC/NRCan/AECL Generation IV Energy Technologies Program/ Programme des technologies énergétiques de quatrième génération CRSNG RNCan EACL	Supercritical Flow Stability in Vertical Up-flow and Down-flow Channels	
Chau, Tom	University of Toronto	Biomaterials and Biomedical Engineering, Inst. of (IBBME)	Ontario	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Full head optical topography system	
Chen, Jan-Hung	Harvard Medical School	Systems Biology		UNITED STATES/ ÉTATS-UNIS	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Experimental and computational analyses of endothelial cell actin cytoskeleton dynamics in response to coupled mechanical cues	
Chen, Pu	University of Waterloo	Chemical Engineering	Ontario	CANADA	03/29/2012	1	149,919	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	"Atomic Force Microscope for Drug Delivery, Li-ion Battery and Electronics Materials Research"	
Chen, Zhongwei	University of Waterloo	Chemical Engineering	Ontario	CANADA	03/29/2012	1	109,954	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Raman Spectroscopy for Nanomaterials Development in Electrochemical Energy Research	
Chen, Zhongwei	University of Waterloo	Chemical Engineering	Ontario	CANADA	02/17/2012	4	248,666	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Nanostructured Silicon/Carbon Composites as Anode Materials for Lithium-ion Batteries	

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Chériti, Ahmed	Université du Québec à Trois-Rivières	Électrique et génie informatique, Dépt. de génie	Québec	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Conception d'un entraînement linéaire pour un moteur à courant continu d'application sans interférences	
Choi, Phillip	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	03/29/2012	1	63,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	An Inverse Gas Chromatographic System for the Charaterization of Biopolymers	
Christara, Christina	University of Toronto	Computer Science	Ontario	CANADA	03/29/2012	1	46,498	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Efficient GPU implementation of numerical methods for scientific computing	
Christian, Sherri	Memorial University of Newfoundland	Biochemistry	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	03/29/2012	1	49,145	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Chemiluminescent Imaging System for Determination of Protein Expression and Identity	
Chrostowski, Lukas	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Silicon photonics devices for optical communications	
Chrostowski, Lukas	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Numerical modeling of silicon photonics components	
Chu, Cindy	University of Toronto	Ecology and Evolutionary Biology	Ontario	CANADA	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Development of an indicator framework for diagnosing ecosystem health of Ontario's inland lakes	
Clark, James	McGill University	Electrical and Computer Engineering	Québec	CANADA	03/29/2012	1	54,229	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Attention and Eye tracking experimental facility	
Cloutis, Edward	University of Winnipeg	Geography	Manitoba	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Powder X-ray Diffractometer - Planetary Environment Chambers	
Cockle, Kristina	Louisiana State University	Renewable Natural Resources, School of		UNITED STATES/ ÉTATS-UNIS	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Roles of resource abundance and diversity in structuring vertebrate communities	
Coe, Imogen	York University	Biology	Ontario	CANADA	03/29/2012	1	140,767	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Components to support a Spinning Disk Confocal Microscope	

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Collins, Shawn	Université de Montréal	Chimie	Québec	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Novel olefin metathesis catalyst design for the preparation of drug candidate intermediates and building blocks	
Comstock, Jenna	University of Ontario Institute of Technology	Science, Faculty of	Ontario	CANADA	01/12/2012	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Elucidation of the lipid degradation process in soft tissue during decomposition and of the lipids that are released into decomposition fluids	
Cook, William	University of New Brunswick	Chemical Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	03/16/2012	4	320,000	NSERC/NRCan/AECL Generation IV Energy Technologies Program/ Programme des technologies énergétiques de quatrième génération CRSNG RNCan EACL	Corrosion, Stress-Corrosion Cracking and Corrosion-product Deposition in Supercritical Water-Cooled Reactors (SCWRs)	
Coops, Nicholas	University of British Columbia	Forest Resources Management	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	62,701	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Automated Multi-Angular Spectroradiometer (AMSPEC) Network for Estimation of Light Use Efficiency (LUE)	
Corbin, Stephen	Dalhousie University	Civil and Resource Engineering	Nova Scotia/ Nouvelle-Écosse	CANADA	03/16/2012	5	624,999	Industrial Research Chairs/ Professeurs-chercheurs industriels	NSERC/Pratt and Whitney Canada Industrial Research Chair in structural brazing and processing of powder metallurgy superalloys	
Cosa, Gonzalo	McGill University	Chemistry	Québec	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Characterization of the photochemical and photophysical properties of chromophores in the presence of oxidants	
Costa Sousa, Mario	University of Calgary	Computer Science	Alberta	CANADA	01/20/2012	5	1,061,238	Industrial Research Chairs/ Professeurs-chercheurs industriels	NSERC/Alberta Innovates Technology Futures (AITF) / Foundation CMG Industrial Research Chair in Scalable Reservoir Visualization	
Côté, Bernard	Collège d'Alma	Siège social	Québec	CANADA	03/16/2012	5	500,000	Technology Access Centre/ Centre d'accès à la technologie	Établissement d'un service d'innovation de proximité en production laitière	

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Côté, Steeve	Université Laval	Biologie	Québec	CANADA	03/16/2012	5	431,635	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Aménagement intégré des ressources biologiques forestières de l'île d'Anticosti	
Cotton, James	McMaster University	Mechanical Engineering	Ontario	CANADA	01/20/2012	2	172,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	The development of an advanced waste heat recovery and energy generation system for pizza ovens	
Cove, Samuel Robert	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	03/21/2012	4	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	High Performance Integrated Magnetics for Renewable Power Conversion	
Cranston, Emily	McMaster University	Chemical Engineering	Ontario	CANADA	03/29/2012	1	92,408	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Multiple Wavelength Surface Plasmon Resonance Spectrometer for Optical Characterization and Adsorption Studies of Biomaterials and Nanocomposites	
Cronin, Duane	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	02/17/2012	3	34,000	Department of National Defence / NSERC Research Partnership/ Partenariat de recherche du ministère de la Défense nationale et du CRSNG	Multi-Scale Modeling to Predict Head Blast Injury	
Cyr, Daniel	Institut national de la recherche scientifique	INRS-Institut Armand-Frappier	Québec	CANADA	03/29/2012	1	59,274	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Imaging System for Cellular and Molecular Toxicology	
Dagenais, Danielle	Simon Fraser University	Biological Sciences	British Columbia/ Colombie-Britannique	CANADA	01/12/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Does patch type affect foraging success and therefore, abundance and diversity of aerial insectivorous bats?	
Dagenais, Michel	École Polytechnique de Montréal	Génie informatique et génie logiciel	Québec	CANADA	01/20/2012	3	150,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Diagnostics for real time distributed multi-core architecture in avionics	
Dagenais, Michel	École Polytechnique de Montréal	Génie informatique et génie logiciel	Québec	CANADA	02/17/2012	3	255,000	Department of National Defence / NSERC Research Partnership/ Partenariat de recherche du ministère de la Défense nationale et du CRSNG	Online surveillance of critical computer systems through advanced host-based detection	
Dahmane, Adel Omar	Université du Québec à Trois-Rivières	Électrique et génie informatique, Dépt. de génie	Québec	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Protocole de communication sans fil pour le secteur HVAC	

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Dalai, Ajay	University of Saskatchewan	Chemical and Biological Engineering	Saskatchewan	CANADA	02/17/2012	3	126,503	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Investigation and demonstration of close coupled gasification and combustion of raw glycerin and canola hull fiber/meal fuel pellets/briquettes	
Dallimore, Audrey	Royal Roads University	Environment and Sustainability, School of	British Columbia/ Colombie-Britannique	CANADA	01/24/2012	1	70,060	Discovery Grants Program - Ship Time/ Programme de subventions à la découverte - temps navire	Paleoseismic record of coastal B.C.	
Daly, John	Quanser Inc.	Head Office	Ontario	CANADA	03/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Immersive haptics-based telerobotic system for improvised explosive device disposal	
Daly, Michael	York University	Earth and Space Science and Engineering	Ontario	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of Spatial Heterodyne Spectroscopy (SHS) Based Hardware for the Detection of Methane From a Micro-Satellite Platform	
Dancso, Zsuzsanna	The Fields Institute for Research in Mathematical Sciences	Head Office	Ontario	CANADA	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Connections between knot theory and quantum algebra	
Dao, Thanh Son	Waterloo Maple Inc.	Head Office	Ontario	CANADA	03/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Symbolic simplification techniques for real-time simulation of 2D/3D fluid-flow systems	
Daou, Ihab	McGill University	Neurology and Neurosurgery	Québec	CANADA	03/21/2012	4	27,000	Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat	Optogenetic modulation of pain sensory pathways in vivo	
Darveau, André	Université Laval	Sciences et génie, faculté des	Québec	CANADA	03/16/2012	5	734,565	Industrial Research Chairs/ Professeurs-chercheurs industriels	Chaire de recherche industrielle CRSNG- Produits forestiers Anticosti en aménagement intégré des ressources biologiques forestières de l'île Anticosti	
Das, Sreekanta	University of Windsor	Civil and Environmental Engineering	Ontario	CANADA	03/16/2012	2	60,770	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Fatigue Behaviour of Skelp End Welds in Spiral Welded Oil and Gas Pipes	
Dashtgard, Shahin	Simon Fraser University	Earth Sciences	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	46,443	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Rapid and Reproducible Grain Size Measurements of Fine-Grained Sediment: The Sedigraph 5120	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
David, Eric	École de technologie supérieure	Génie mécanique	Québec	CANADA	02/17/2012	5	471,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Design d'une nouvelle génération de diélectriques pour des applications en électrotechnique	
Davidsen, Joern	University of Calgary	Physics and Astronomy	Alberta	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Novel applications of time-series analysis and information theory to the validation and improvement of signal quality in an innovative, portable brain-wave recording device	
Davidson-Taylor, Karin	Royal Botanical Gardens	Head Office	Ontario	CANADA	02/10/2012	3	40,000	PromoScience	RBG Virtual Field Trips Program	
Dawson, Francis	University of Toronto	Electrical and Computer Engineering, Edward S. Rogers Sr. Department of	Ontario	CANADA	03/26/2012	1	29,500	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Power supply for a vortek arc lamp	
Daymond, Mark	Queen's University	Mechanical and Materials Engineering	Ontario	CANADA	03/16/2012	4	320,000	NSERC/NRCan/AECL Generation IV Energy Technologies Program/ Programme des technologies énergétiques de quatrième génération CRSNG RNCan EAEL	Impact of irradiation on properties of in-core pressure boundary material for SCWR	
De Koninck, Jean-Marie	Université Laval	Mathématiques et statistique	Québec	CANADA	02/10/2012	3	42,600	PromoScience	SMAC (Sciences et Mathématiques en Action)	
De Vernal, Anne	Université du Québec à Montréal	Sciences de la terre et de l'atmosphère	Québec	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	"Tabletop SEM for routine observations and analyses of biogenic tracers and minerals with applications in geosciences, and climate and environmental change studies"	
Debbabi, Mourad	Concordia University	Engineering and Computer Science, Faculty of	Québec	CANADA	03/16/2012	3	160,434	Department of National Defence / NSERC Research Partnership/ Partenariat de recherche du ministère de la Défense nationale et du CRSNG	On the Distributed Monitoring of Adaptive Operational Plan Execution	
Defersha, Fantahun	University of Guelph	Engineering, School of	Ontario	CANADA	03/29/2012	1	40,220	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Virtual Prototyping of Reconfigurable Manufacturing Systems	

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Delcroix, Benoit	École Polytechnique de Montréal	Génie mécanique	Québec	CANADA	03/21/2012	4	27,000	Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat	Modélisation fine du stockage d'énergie dans la masse thermique des bâtiments résidentiels en présence de matériaux à changement de phase	
Delisle, Gilles	Université du Québec en Abitibi-Témiscamingue	Sciences appliquées	Québec	CANADA	03/16/2012	2	252,184	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Acquisition et traitement sans fil des paramètres influant sur l'efficacité énergétique et l'émission des GES des trains	
Denidni, Ahmed Tayeb	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunication - Montréal	Québec	CANADA	03/29/2012	1	53,177	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Critical upgrade for antenna characterization system	
Denidni, Ahmed Tayeb	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunication - Montréal	Québec	CANADA	03/16/2012	3	180,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Design, characterization and implementation of new high-gain directive planar antennas for tactical communication systems using metamaterial technology	
Derakhshandeh, Babak	Coanda Research and Development Corporation	Head Office	British Columbia/ Colombie-Britannique	CANADA	03/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Optimization of polymer induced mature fine tailings flocculation	
Desbiens, André	Université Laval	Génie électrique et génie informatique	Québec	CANADA	03/29/2012	1	127,986	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	"Navigation, pilotage, guidage et coopération de robots terrestres et aériens"	
Deydey, Dawn	Wildsight	Head Office	British Columbia/ Colombie-Britannique	CANADA	02/10/2012	3	45,000	PromoScience	Beyond Recycling	
Dhirani, Al-Amin	University of Toronto	Chemistry	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Evaluating microchip conductivity detectors for detecting organic micro-pollutants and bacteria in water	
Diederichs, Mark Stephen	Queen's University	Geological Sciences and Geological Engineering	Ontario	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	High pressure / High Temperature Geomechanical Triaxial Test Cell with Integrated Pore Pressure Monitoring and Acoustic and Strain Transducer Arrays	

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Dillon, Jeremy	Marport Deep Sea Technologies Inc.	Head Office	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	03/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Long baseline interferometry for repeat-pass synthetic aperture sonar	
Diop, Mamadou Diobet	Gestion TechnoCap Inc	Head Office	Québec	CANADA	01/20/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Étude de fiabilité de différents composants d'une plateforme de prototypage rapide de systèmes électroniques	
Dixon, Michael	University of Guelph	Environmental Sciences, School of	Ontario	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Efficacy evaluation of an innovative plant growth substrate	
Dixon, Michael	University of Guelph	Environmental Sciences, School of	Ontario	CANADA	02/17/2012	3	542,500	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Innovative Technologies in Challenging Environments (InTICE)	
Djerafi, Tarek	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunication - Montréal	Québec	CANADA	01/11/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Développement d'une matrice de Butler avec un niveau de lobes secondaires contrôlé pour les applications imagerie a 84 GHz	
Djouka Fonkwe, Merline Laure	Kingston Process Metallurgy Inc.	Head Office	Ontario	CANADA	01/20/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Characterization of thermally processed materials and determination of associated reaction mechanisms	
Dmitrienko, Gary	University of Waterloo	Chemistry	Ontario	CANADA	03/29/2012	1	94,954	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Semi-preparative high performance liquid chromatography system	
Dmitriew, Caitlin	University of Sheffield	Animal and Plant Sciences		UNITED KINGDOM/ ROYAUME-UNI	02/01/2012	3	90,000	Postdoctoral Fellowships/ Bourses postdoctorales	The ecology and evolution of sexual dimorphism in Sepsis punctum: causes and constraints	
Dodelet, Jean-Pol	Institut national de la recherche scientifique	Centre Énergie, Télécommunications (ÉMT) Varennes	Québec	CANADA	01/20/2012	2	339,976	Idea to Innovation/ De l'idée à l'innovation	Catalyseurs à base de fer pour la réduction de l'oxygène en pile à combustible à membrane électrolyte polymère	
Doelman, John	Nutreco Canada Inc.	Nutreco Canada Agresearch	Ontario	CANADA	02/17/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Amino acids supply and the control of milk protein synthesis	

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Dolatabadi, Ali	Concordia University	Mechanical and Industrial Engineering	Québec	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Numerical simulation of downstream-injection cold spray process	
Dorriv, Reza	Dalhousie University	Computer Science, Faculty of	Nova Scotia/ Nouvelle-Écosse	CANADA	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Improved and Advanced Analysis of Online and Cache-Efficient Algorithms	
Dory, Yves	Université de Sherbrooke	Chimie	Québec	CANADA	03/29/2012	1	100,551	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Peptide synthesizer for research in pharmacology and medicinal chemistry. Synthétiseur de peptides pour la recherche en pharmacologie et chimie médicinale.	
Douglas, Murray	McGill University	Chemical Engineering	Québec	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Test of antifloc characteristics of paper as a predictor of strength of linerboard for boxes	
Driver, Robert	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	02/17/2012	2	53,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	A holistic approach to evaluation and enhancing the progressive collapse resistance of steel structures	
Drouillard, Ken	University of Windsor	Great Lakes Inst. for Environmental Res. (GLIER)	Ontario	CANADA	03/29/2012	1	33,373	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Multi-channel fish respirometry system	
Drysdale, Robert	McMaster University	Civil Engineering	Ontario	CANADA	01/20/2012	1	125,000	Idea to Innovation/ De l'idée à l'innovation	System for improved ductility of concrete block shear walls using laterally confined (self-reinforced) concrete block	
Du, Weichang	University of New Brunswick	Computer Science, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Intelligent social community identification	
Duarte Guterman, Paula	University of British Columbia	Psychology	British Columbia/ Colombie-Britannique	CANADA	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Neuroendocrine mechanisms of paternal care in mice: the role of estrogen	
Dubay, Rickey	University of New Brunswick	Mechanical Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of Intelligent Analytics for Fish Farming Optimization	

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Dubois, Charles	École Polytechnique de Montréal	Génie chimique	Québec	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	L'amélioration de formulations de PLA destinés à des emballages rigides à usage unique obtenus par thermoformage	
Duchaine, Vincent	École de technologie supérieure	Génie de la production automatisée	Québec	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Interaction physique humain-robot: Programmation des tâches de soudure par démonstration	
Duchesne, Carl	Université Laval	Génie chimique	Québec	CANADA	01/20/2012	3	222,458	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	A framework for quality control of baked carbon anodes manufacturing plants	
Dufresne, Aude	Université de Montréal	Communication	Québec	CANADA	01/20/2012	2	46,480	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Système personnalisé de contrôle et de visualisation des apprentissages individuels et de groupe au sein de SCIENCE EN JEU	
Duhamel, Jean	University of Waterloo	Chemistry	Ontario	CANADA	01/20/2012	3	71,193	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Characterization of emulsions of hydrocarbons and thermo-responsive polymeric surfactants	
Dumont, Guy	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	46,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Equipment Grant for mHealth Application Laboratory	
Duncan, Roy	Dalhousie University	Microbiology and Immunology	Nova Scotia/ Nouvelle-Écosse	CANADA	03/29/2012	1	106,155	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Benchtop ultracentrifuge for molecular cell biology	
Dundas, Heather	Yukon College	Head Office	Yukon Territory/ Territoire du Yukon	CANADA	02/10/2012	3	75,000	PromoScience	Youth Science Adventures (YSA)	
Dunmall, Karen	University of Manitoba	Biological Sciences	Manitoba	CANADA	02/09/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Salmonids and Arctic climate change: colonizations and interactions of salmon and chars.	

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Dutcher, John	University of Guelph	Physics	Ontario	CANADA	03/29/2012	1	103,612	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	EMCCD Camera Upgrade to Provide Single Molecule Fluorescence Capability in Custom TIRF/AFM System	
Dyck, Michael	University of Alberta	Agricultural, Food and Nutritional Science	Alberta	CANADA	03/16/2012	2	60,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Application of reproductive technologies to improve the utilization of superior sires in the pork production industry	
Dyer, Klay	Northern Alberta Institute of Technology	Head Office	Alberta	CANADA	03/16/2012	6	1,750,000	Technology Access Centre/ Centre d'accès à la technologie	NAIT Nanotechnology Centre for Applied Research, Industry Training, and Services	
Dyker, C. Adam	University of New Brunswick	Chemistry	New Brunswick/ Nouveau- Brunswick	CANADA	03/29/2012	1	99,515	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Replacement Console for Varian UNITY 400 NMR Spectrometer	
Edwards, Richard Nigel	University of Toronto	Physics	Ontario	CANADA	01/24/2012	1	70,061	Discovery Grants Program - Ship Time/ Programme de subventions à la découverte - temps navire	Engineering field tests of a towed marine controlled source electromagnetic system	
Ein-Mozaffari, Farhad	Ryerson University	Chemical Engineering	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Designing an Efficient Pulping/Dewatering Device for an Organic Waste Digester Called WormWorks Unit	
El Gendy, Amin	MRF Geosystems Corporation	Head Office	Alberta	CANADA	03/16/2012	3	62,132	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	A web-based pavement management system with a GIS front end	
El Naggari, M. Hesham	The University of Western Ontario	Civil and Environmental Engineering	Ontario	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Application of geogrids in pavement design	
El-Ghazal, Akrem Saad	Intelligent Mechatronic Systems Inc.	Head Office	Ontario	CANADA	03/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Multimodality sensor fusion system for real-time traffic profiling	
Eliason, Erika	University of Sydney	Biological Sciences, School of		AUSTRALIA/ AUSTRALIE	02/22/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Thermal and hypoxia tolerance in a coastal dead zone ecosystem	
El-Kadi, Ayman	University of Alberta	Pharmacy and Pharmaceutical Science, Faculty of	Alberta	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of direct electrochemical antibody- based biosensor detection system for airborne foot and mouth disease virus	

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Eskicioglu, Cigdem	University of British Columbia	Okanagan - Engineering, School of	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	148,852	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Micro- and nano-scale particle size analyzers with wet and dry dispersion modules	
Esmaeili-Rad, Mohammad R.	University of California - Berkeley	Electrical Engineering and Computer Sciences		UNITED STATES/ ÉTATS-UNIS	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Vertically Structured Photoconductive Device for Enhanced Generation of Terahertz Radiation	
Essex, Aleksander	University of Waterloo	Computer Science, David R. Cheriton School of	Ontario	CANADA	03/21/2012	4	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Verifiable Internet Voting Using Cryptographically Secure and Anonymous Audit Techniques	
Etienne, Stéphane	École Polytechnique de Montréal	Génie mécanique	Québec	CANADA	01/20/2012	5	501,000	Industrial Research Chairs/ Professeurs-chercheurs industriels	NSERC/BWC-AECL Industrial Chair in Fluid-Structure Interaction	
Evangelatos, John	Dalhousie University	Earth Sciences	Nova Scotia/ Nouvelle-Écosse	CANADA	03/21/2012	4	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	The genesis and tectonic evolution of Canada Basin	
Fadul Pacheco, Liliana	Université Laval	Sciences animales	Québec	CANADA	01/12/2012	4	27,000	Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat	Environmental, economic and social aspect of the utilization of algae by-product on dairy farms	
Fan, Brian	CrossChasm Technologies Inc.	Head Office	Ontario	CANADA	02/17/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Advanced vehicle modeling	
Fang, Yuan	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	03/21/2012	3	70,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Monte Carlo Modeling of Amorphous Selenium X-ray Detectors for Imaging Applications	
Farano, Lisa	Elephant Thoughts Global Development Initiatives	Head Office	Ontario	CANADA	03/08/2012	3	90,000	PromoScience	Elephant Thoughts Science and Technology Educational Programming	
Fast, Mark	University of Prince Edward Island	Pathology and Microbiology	Prince Edward Island/ Île-du-Prince-Édouard	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Application of immunostimulatory knowledge to expanding aquaculture markets: Enhancing sturgeon larval immunity and survival	
Fazeli, Amir Mohammad	Kepstrum Inc.	Head Office	Ontario	CANADA	03/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Development of a structured approach to stress life modelling and accelerated life testing	

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Fekri Moghadam, Milad	University of British Columbia	Electrical and Computer Engineering	British Columbia/Colombie-Britannique	CANADA	02/09/2012	4	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Use of load based storage to improve efficiency of power systems regulation	
Fels, Sidney	University of British Columbia	Electrical and Computer Engineering	British Columbia/Colombie-Britannique	CANADA	01/20/2012	3	480,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	PHuman: Parametric, multiscale modeling and simulation of human anatomy	
Felty, Amy	University of Ottawa/ Université d'Ottawa	Electrical Engineering and Computer Science , School of	Ontario	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Risk-Based Adaptive Rules Engine for Fraud Detection in Mobile Commerce	
Ferrari, Maud	University of Saskatchewan	Veterinary Biomedical Sciences	Saskatchewan	CANADA	03/29/2012	1	25,282	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Mobile mesocosm pools for the study of the effects of environmental change on predator-prey interactions.	
Field, Catherine	University of Alberta	Agricultural, Food and Nutritional Science	Alberta	CANADA	03/29/2012	1	131,679	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	ARCHITECT i2000SR System	
Filice, Melissa	University of Guelph	Integrative Biology	Ontario	CANADA	03/08/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Establishment of a somatic cell culture bank from Oreochromis esculentus caudal fin cells	
Filion, Jean	Université Laval	Physique, génie physique et optique	Québec	CANADA	03/21/2012	4	27,000	Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat	Conception d'un laser programmable basé sur le gain paramétrique	
Fleming, Michael	University of New Brunswick	Computer Science, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Automated detection of malicious activity in social media	
Fortin, André	Université Laval	Mathématiques et statistique	Québec	CANADA	03/16/2012	5	633,542	Industrial Research Chairs/ Professeurs-chercheurs industriels	Chaire de recherche industrielle CRSNG en calcul scientifique de haute performance	
France, James	University of Guelph	Animal and Poultry Science	Ontario	CANADA	03/16/2012	2	36,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Evaluation of phosphorus utilization by broilers using different approaches	
Francus, Pierre	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	03/29/2012	1	136,811	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Scanneur de micro-fluorescence X pour l'analyse non destructive de carottes sédimentaires en très haute résolution	

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Friesen, Allison	University of Guelph	Plant Agriculture (Guelph)	Ontario	CANADA	01/12/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Thermotherapy to control seed-borne disease in dry bean	
Frigon, Dominic	McGill University	Civil Engineering and Applied Mechanics	Québec	CANADA	01/20/2012	3	218,029	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Modeling the RAS-ozonation process to reduce excess activated sludge production and its effects on the ecophysiology of nitrifiers	
Furgale, Paul	Eidgenössische Technische Hochschule Zürich	Chemical and Bioengineering, Institute of		SWITZERLAND/ SUISSE	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Lifelong Learning for Autonomous Mobile Robots	
Gaenzle, Michael	University of Alberta	Agricultural, Food and Nutritional Science	Alberta	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Oat phytochemicals as natural preservatives	
Gagné, René	SafEngServices & Technologies Ltd/ SafEngServices & Technologies Ltée	Head Office	Québec	CANADA	02/17/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Conception et la réalisation d'un appareil de mesure d'impédance pour les sols de structure complexe et les grilles de mise à la terre	
Gan, Thian Yew	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	03/16/2012	2	110,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Future Regional Intensity-Duration-Frequency Curves of Edmonton due to potential impact of Global Warming	
Gao, Jun	Queen's University	Physics, Engineering Physics & Astronomy	Ontario	CANADA	03/29/2012	1	25,050	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Urgent overhaul of an integrated glovebox/evaporator system for polymer device processing	
Gao, Pu	University of Toronto	Computer Science	Ontario	CANADA	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Random graph theory and randomized algorithms	
Garnier, Alain	Université Laval	Génie chimique	Québec	CANADA	03/29/2012	1	84,344	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Ingénierie intégrée des bioprocédés par PCR quantitative à grand débit	
Garrett, Graham	University of Toronto	Chemistry	Ontario	CANADA	02/09/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Radical-Trapping Activities of Thiosulfonates and Related Compounds: Selenenic Acids	
Garwah, Antoine	Science Timmins	Head Office	Ontario	CANADA	02/10/2012	3	75,000	PromoScience	Expansion of the Science Mobile Outreach Program	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Gates, Derek	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	120,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Equipment for the Characterization of Novel Macromolecules	
Gates, Ian	University of Calgary	Chemical and Petroleum Engineering	Alberta	CANADA	01/20/2012	1	125,000	Idea to Innovation/ De l'idée à l'innovation	Underground imaging in real time by using white noise reflection processes: application to petroleum recovery including oil sands	
Gedalof, Ze'ev	University of Guelph	Geography	Ontario	CANADA	03/16/2012	3	59,750	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Climate change, wildfire, and landscape homogenization in western canada	
Gendreau, Michel	École Polytechnique de Montréal	Mathématiques et génie industriel	Québec	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Outils d'optimisation pour la confection de tournées de livraison à domicile	
Genest, Jérôme	Université Laval	Génie électrique et génie informatique	Québec	CANADA	02/17/2012	3	156,760	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Improving frequency comb interferometry for sensing applications	
Genov, Roman	University of Toronto	Electrical and Computer Engineering, Edward S. Rogers Sr. Department of	Ontario	CANADA	03/29/2012	1	145,545	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Research Instruments for Experimental Characterization of Wireless Biomedical Sensory Microsystems	
Gerber, Andrew	University of New Brunswick	Mechanical Engineering	New Brunswick/ Nouveau- Brunswick	CANADA	01/20/2012	5	200,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Combined full-physics aircraft wake and atmospheric modelling of droplet deposition	
Ghannouchi, Fadhel	University of Calgary	Electrical and Computer Engineering	Alberta	CANADA	03/16/2012	3	288,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Multi-mode all-digital transmitters for software defined radio applications	
Ghoshal, Subhasis	McGill University	Civil Engineering and Applied Mechanics	Québec	CANADA	03/29/2012	1	148,208	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	AN INDUCTIVELY COUPLED PLASMA- MASS SPECTROMETER FOR CHARACTERIZATION OF METAL NANOPARTICLES IN AQUEOUS SAMPLES	
Giesbrecht, Gordon	University of Manitoba	Health, Leisure and Human Performance Res. Inst	Manitoba	CANADA	03/30/2012	1	85,032	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Transcortical magnetic stimulator station	

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Gillis, James Andrew	Dalhousie University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Transitional tissues in the craniofacial skeleton of normal and triploid Atlantic salmon	
Gillis, Todd	University of Guelph	Integrative Biology	Ontario	CANADA	03/29/2012	1	82,580	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Bio-Rad ChemiDoc MP System	
Girard, Denis	Institut national de la recherche scientifique	INRS-Institut Armand-Frappier	Québec	CANADA	03/29/2012	1	46,180	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Dynamic light scattering unit for the characterisation of nanoparticles used in life sciences	
Gleeson, Tom	McGill University	Civil Engineering and Applied Mechanics	Québec	CANADA	03/29/2012	1	118,065	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	"Ultra high-precision, field-deployable water isotopic analyzer for tracing the water cycle at high spatial and temporal resolution"	
Goldak, John	Carleton University	Mechanical & Aerospace Engineering	Ontario	CANADA	03/16/2012	4	320,000	NSERC/NRCan/AECL Generation IV Energy Technologies Program/ Programme des technologies énergétiques de quatrième génération CRSNG RNCan EACL	Parametric Structural Design of GEN IV Canadian Super Critical Water Reactor (SCWR)	
Golemi-Kotra, Dasantila	York University	Chemistry	Ontario	CANADA	03/29/2012	1	136,171	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Characterization of bio-molecular interactions and investigation of catalytic mechanisms of bio- and chemical catalysts by micro-Isothermal Titration Calorimetry	
Golnaraghi, Farid	Simon Fraser University	Mechatronic Systems Engineering	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	125,833	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Development of a Calibration Test Bed for MEMS Sensors	
Gorczyca, Beata	University of Manitoba	Civil Engineering	Manitoba	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Analyses of nanofilter fouling in potable water treatment	
Gordon, Robert	University of Guelph	Environmental Sciences, School of	Ontario	CANADA	03/29/2012	1	89,669	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Fast-response analyzer for the determination of nitrous oxide flux and management practices to reduce emissions	

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Gosselin, Marie-Christine	Eidgenössische Technische Hochschule Zürich	Electrical Engineering		SWITZERLAND/ SUISSE	02/22/2012	3	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Analyse de l'incertitude des coefficients de réflexion de l'algorithme FDTD aux interfaces en marches d'escalier et application au calcul du SAR dans les structures biologiques	
Goulet, Charles	University of Florida	Horticultural Sciences		UNITED STATES/ ÉTATS-UNIS	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Caractérisation du sentier métabolique des strigolactones	
Goussev, Dmitri	Wilfrid Laurier University	Chemistry	Ontario	CANADA	02/17/2012	1	69,400	Idea to Innovation/ De l'idée à l'innovation	Efficient, stable, and easily accessible catalysts for hydrogenation of esters	
Gradinaru, Claudiu	University of Toronto	Physics	Ontario	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	A spectrometer attachment for a computer controlled DSLR camera for medicine identification and quality evaluation	
Graham, Kathleen	College of the North Atlantic	Applied Research & Innovation	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	03/16/2012	5	750,000	Industrial Research Chairs for Colleges Grants/ Subventions de chaire de recherche industrielle dans les collèges	NSERC Industrial Research Chair for Colleges in Applied Mineralogy	
Grant, Edward R	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	02/17/2012	4	240,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Development of a process raman probe of wood pulp as a continuous gauge of the physical and mechanical properties of end-use product: spectroscopy and chemometrics	
Grayston, Susan	University of British Columbia	Forest Sciences Centre	British Columbia/ Colombie-Britannique	CANADA	03/16/2012	3	26,936	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Evaluation of sulfur-enhanced fertilizers and mounding to increase forest growth and related carbon storage and reduce greenhouse gas emissions	
Grecov, Dana	University of British Columbia	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	43,005	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Friction measurement system	

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Green, Daniel	University of Windsor	Mechanical, Automotive and Materials Engineering	Ontario	CANADA	01/20/2012	3	1,046,800	Automotive Partnership Canada Project/ Partenariat automobile du Canada	Development of a hybrid electrohydraulic - hydromechanical drawing process for production of lightweight automotive parts	
Green, Geoff	Students on Ice Foundation	Head Office	Québec	CANADA	02/10/2012	3	60,000	PromoScience	Passing the Torch	
Green, Sheldon	University of British Columbia	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	02/17/2012	4	197,200	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	High Speed Liquid Jet and Droplet Impaction on a Moving Surface	
Groeneveld, Dionysius	University of Ottawa/ Université d'Ottawa	Mechanical Engineering	Ontario	CANADA	03/16/2012	4	120,000	NSERC/NRCan/AECL Generation IV Energy Technologies Program/ Programme des technologies énergétiques de quatrième génération CRSNG RNCan EACL	Improvement of the Transcritical Heat Transfer Look-up Table by Including separate Effects	
Guan, Leluo	University of Alberta	Agricultural, Food and Nutritional Science	Alberta	CANADA	03/29/2012	1	38,755	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	"Microplate reader, a necessary tool for functional genomics and proteomics studies in animal, microbial and plant systems"	
Guan, Ling	Ryerson University	Electrical and Computer Engineering	Ontario	CANADA	03/16/2012	2	109,440	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Secure and reliable data communications for smart grid	
Guay, Martin	Queen's University	Chemical Engineering	Ontario	CANADA	01/20/2012	2	45,800	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Process monitoring and estimation in complex flow systems	
Gulder, Omer	University of Toronto	Aerospace Studies, Institute for	Ontario	CANADA	03/29/2012	1	81,177	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Swirl-stabilized burner for premixed and spray combustion	
Guo, Ping	University of Northern British Columbia	Environmental Engineering	British Columbia/ Colombie-Britannique	CANADA	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Comprehensive decision support system for the best management practices of agricultural non-point sources pollution from cropland in watershed	
Gupta, Bhagwati	McMaster University	Biology	Ontario	CANADA	03/29/2012	1	73,873	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	C. elegans microfluidic electrotaxis system	
Haas, Christian	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	03/29/2012	1	129,759	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Instrumentation for sea ice mass balance measurements in the Arctic Ocean	

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Habibi, Saeid	McMaster University	Mechanical Engineering	Ontario	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Closed loop feedback framework	
Hails, Lauren	Octane Biotech Inc.	Head Office	Ontario	CANADA	02/17/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Production of living, cell-based implants for skeletal repair using automated cell and tissue engineering system	
Haj Taieb, Mohamed	Université Laval	Génie électrique et génie informatique	Québec	CANADA	03/21/2012	3	70,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Codage vidéo distribué utilisant les turbo codes	
Halim, MD Abdul	Process Research ORTECH Inc.	Head Office	Ontario	CANADA	03/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Study on development of an innovative recovery process of vanadium from titaniferrous vanadium bearing ores	
Hall, Dennis	University of Alberta	Chemistry	Alberta	CANADA	03/29/2012	1	146,651	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Triple Quadrupole Gas Chromatography - Tandem Mass Spectrometry (GCMS/MS) Instrument with Electron Ionization and Chemical Ionization	
Hall, Trevor	University of Ottawa/ Université d'Ottawa	Electrical Engineering and Computer Science , School of	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Digitised Radio over Fibre by Coherent Optical Transmission	
Halpern, Mark	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	142,876	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Focal plane electronics for the CHIME pathfinder instrument.	
Hampson, Elizabeth	The University of Western Ontario	Psychology	Ontario	CANADA	03/29/2012	1	58,930	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	A Gamma Counter for the Neuroendocrinology Assay Lab at the University of Western Ontario	
Harmon, Adam	University of Toronto	Civil Engineering	Ontario	CANADA	03/08/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Applying advanced modelling techniques to optimize the transportation network for the Greater Toronto Area	

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Harris, Edouard	University of Toronto	Physics	Ontario	CANADA	01/12/2012	3	150,000	Vanier Canada Graduate Scholarships - Doctoral/ Bourses d'études supérieures du Canada Vanier - Doctorat	Artificial messenger RNA silencing using clustered, regularly interspaced short palindromic repeats (CRISPRs) to facilitate the assembly of highly complex synthetic genetic control networks	
Hart, Michael	Simon Fraser University	Biological Sciences	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	136,083	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Next-generation sequencer for evolutionary genomics	
Harvey, Pierre	Université de Sherbrooke	Chimie	Québec	CANADA	03/29/2012	1	127,125	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Remplacement d'un phosphorimètre/ Replacement of a phosphorimeter	
Hashtrudi-Zaad, Keyvan	Queen's University	Electrical and Computer Engineering	Ontario	CANADA	03/29/2012	1	49,940	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	High-Density Surface Electromyography Sensing Facility	
Hazendonk, Paul	University of Lethbridge	Chemistry and Biochemistry	Alberta	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Solution- and Solid-State 500 MHz Nuclear Magnetic Resonance Facility Upgrade	
He, Quan	University of Waterloo	Chemical Engineering	Ontario	CANADA	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Development of Novel Multifunctional Nanocomposite Tandem Catalysts and Its Application in Bio-oil Upgrading Process	
Hechinger, Françoise	Organisation for Economic Co-operation and Development/ Organisation de coopération et de développement économique	Head Office		FRANCE	03/06/2012	1	29,098	Miscellaneous Grants/ Subventions diverses	Annual contribution from NSERC in support of the Global Science Forum	
Helbing, Caren	University of Victoria	Biochemistry and Microbiology	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	42,375	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Fast Real Time Quantitative Polymerase Chain Reaction Thermocycler	
Helleur, Robert	Memorial University of Newfoundland	Chemistry	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Identification of lignosulphonate by-products from hydrometallurgical processing of Vale's Voisey's Bay ore and their potential mitigation	

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Hellmann, Theodore	University of Calgary	Computer Science	Alberta	CANADA	02/09/2012	4	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Testing and Test-Driven Development of Surface-Based Applications	
Hendren, Laurie	McGill University	Computer Science, School of	Québec	CANADA	03/29/2012	1	63,508	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Scalable Infrastructure for Compiler and Virtual Machine Research	
Hendry, Andrew	McGill University	Redpath Museum	Québec	CANADA	03/29/2012	1	31,794	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Biodiversity research at the Redpath Museum: field vehicle.	
Henry, Lee	University of Oxford	Zoology		UNITED KINGDOM/ ROYAUME-UNI	01/04/2012	3	90,000	Postdoctoral Fellowships/ Bourses postdoctorales	Aphid secondary symbionts: a eukaryote horizontal gene pool	
Herman, Peter	University of Toronto	Electrical and Computer Engineering, Edward S. Rogers Sr. Department of	Ontario	CANADA	03/29/2012	1	87,900	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	New Laser Interaction Physics - Spatio-temporal beam control	
Hewitt, Kevin	Dalhousie University	Physics and Atmospheric Science	Nova Scotia/ Nouvelle-Écosse	CANADA	02/10/2012	3	50,100	PromoScience	Imhotep Legacy Academy (ILA)	
Heymans, Claire	University of British Columbia	Applied Science, Faculty of	British Columbia/ Colombie-Britannique	CANADA	02/10/2012	3	60,000	PromoScience	GEERing Up! Workshops and Camps in Prince George and Kelowna	
Hibbard, Glenn	University of Toronto	Materials Science and Engineering	Ontario	CANADA	03/29/2012	1	46,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	In Situ Mechanical Testing of Microscale Structures in an SEM	
Hickey, Brian	St. Lawrence River Institute of Environmental Sciences	Head Office	Ontario	CANADA	03/08/2012	3	45,000	PromoScience	Environmental Science Investigator and Special Kids Education at the St. Lawrence River Institute	
Hicks, Faye	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	03/29/2012	1	31,139	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Monitoring frazil ice processes and hydrodynamics in aquatic habitats	
Higgs, Dennis	University of Windsor	Biological Sciences	Ontario	CANADA	03/29/2012	1	65,895	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Networked hydrophone arrays for passive acoustic recording of underwater sound	
Hoa, Suong Van	Concordia University	Mechanical and Industrial Engineering	Québec	CANADA	02/17/2012	5	1,430,000	Industrial Research Chairs/ Professeurs-chercheurs industriels	NSERC Senior Industrial Research Chair in automated composites manufacturing	
Hof, Fraser	University of Victoria	Chemistry	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	145,939	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	A Liquid Chromatography-Mass Spectrometer (LC-MS) Facility	

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Holloway, Graham	University of Guelph	Human Health and Nutritional Sciences	Ontario	CANADA	03/29/2012	1	41,995	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	"Required centrifuge for basic laboratory procedures: isolating organelles, cellular membranes and bacterial cultures"	
Honek, John	University of Waterloo	Chemistry	Ontario	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Critical Replacement of Departmental Mass Spectrometer	
Hopkins, Scott	University of Waterloo	Chemistry	Ontario	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Catalytic Nanocluster Structures and Reactivities	
Horsman, Geoffrey	Wilfrid Laurier University	Chemistry	Ontario	CANADA	03/29/2012	1	82,384	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	High Performance Liquid Chromatography (HPLC) System for Microbial Natural Products Analysis	
Hossie, Thomas	Carleton University	Biology	Ontario	CANADA	03/21/2012	4	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Evolution of eyespots as an anti-predator defence in Papilio caterpillars: when does mimicry become more effective than crypsis?	
Huang, Xiao	Carleton University	Mechanical & Aerospace Engineering	Ontario	CANADA	03/16/2012	4	320,000	NSERC/NRCan/AECL Generation IV Energy Technologies Program/ Programme des technologies énergétiques de quatrième génération CRSNG RNCan EAEL	Effect of Long Term Exposure in Super-Critical Water and High Temperature Steam on Corrosion Behavior, Microstructure Stability, and Mechanical Properties of Coated Alloy(s)	
Huneault, Michel	Université de Sherbrooke	Génie chimique et génie biotechnologique	Québec	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Développement d'une enveloppe hygiénique hydrodégradable	
Hutchinson, Robin	Queen's University	Chemical Engineering	Ontario	CANADA	03/29/2012	1	68,250	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	500 Hz Laser for Investigations of Free-Radical Polymerization Kinetics	
Ibrahim, Walid Morsi	University of Ontario Institute of Technology	Engineering and Applied Science, Faculty of	Ontario	CANADA	03/29/2012	1	55,459	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Energy management in smart grids	
Ilangumaran, Subburaj	Université de Sherbrooke	Pédiatrie	Québec	CANADA	03/29/2012	1	103,751	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	A preparative ultracentrifuge for molecular studies on immune cell signaling	

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Isenor, Merrill	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	02/09/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Analysis of Aerosol Particles with Infrared Spectroscopy	
Izadbakhsh, Adel	General Motors of Canada Ltd	Research and Development	Ontario	CANADA	02/17/2012	3	80,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Stress based magnesium failure criteria for modeling engine cradle crush	
Jackson, Donald	University of Toronto	Ecology and Evolutionary Biology	Ontario	CANADA	01/20/2012	1	25,000	Strategic Research Networks Program Intent/ Programme de subventions de réseaux stratégiques lettres d'intentions	Letters of Funding for full application preparation - NSERC Strategic Network - Canadian Network for Aquatic Ecosystem Services	
Jacobson, Kevin	TRLabs	Head Office	Alberta	CANADA	02/17/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Relay-enhanced coordinated multipoint downlink transmission for broadband cellular systems	
Jacques, Mario	Université de Montréal	Pathologie et microbiologie	Québec	CANADA	03/29/2012	1	25,669	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Freeze-Dryer	
Jaeger, Wolfgang	University of Alberta	Chemistry	Alberta	CANADA	03/29/2012	1	148,880	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	A High Repetition Rate 193 nm Excimer Laser for the Production of Reactive Cold Molecules	
Jagersand, Martin	University of Alberta	Computing Science	Alberta	CANADA	03/29/2012	1	38,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Equipment upgrade to enable bi-manual haptic tele-manipulation research	
Jahazi, Mohammad	École de technologie supérieure	Génie mécanique	Québec	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Quantitative microstructural data generation for gas turbine materials	
Jain, Mukesh	McMaster University	Mechanical Engineering	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of a Manufacturing Method to Produce Elbow Part	
Jakeman, David	Dalhousie University	Pharmacy, College of	Nova Scotia/ Nouvelle-Écosse	CANADA	03/29/2012	1	149,999	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	A SmartPROBE for NMR studies	
Jankovic, Jasna	Automotive Fuel Cell Cooperation	Head Office	British Columbia/ Colombie-Britannique	CANADA	01/20/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Application of electron tomography transmission electron microscopy for advanced characterization of fuel cell catalyst layers	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Jardine, Andrew	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	02/17/2012	3	264,144	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Advanced critical spare parts provisioning models	
Jay-Gerin, Jean-Paul	Université de Sherbrooke	Médecine nucléaire et radiobiologie	Québec	CANADA	03/16/2012	4	320,000	NSERC/NRCan/AECL Generation IV Energy Technologies Program/ Programme des technologies énergétiques de quatrième génération CRSNG RNCan EACL	Mechanistic modeling and simulation of water radiolysis for controlling the chemistry in Generation-IV supercritical water-cooled reactors	
Jeffers, Francis	Visions of Science Network for Learning Inc (VoSNL)	Head Office	Ontario	CANADA	02/17/2012	1	25,000	NSERC Awards for Science Promotion - Organization/ Prix du CRSNG pour la promotion des sciences - organisation	NSERC Award for Science Promotion (Organization)	
Jergeas, George	University of Calgary	Civil Engineering	Alberta	CANADA	02/17/2012	2	264,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Developing benchmarking metrics for oil and gas projects in Alberta	
Jiang, Jin	The University of Western Ontario	Electrical and Computer Engineering	Ontario	CANADA	03/16/2012	4	320,000	NSERC/NRCan/AECL Generation IV Energy Technologies Program/ Programme des technologies énergétiques de quatrième génération CRSNG RNCan EACL	Control System Design and Analysis for Canadian Direct Cycle SCWR	
Jiang, Zi-Hua	Lakehead University	Chemistry	Ontario	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Synthetic Toll-like Receptor 4 Agonists as Potential Adjuvants for Use in Animal Vaccines	
Jodoin, Bertrand	University of Ottawa/ Université d'Ottawa	Mechanical Engineering	Ontario	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Manufacturing of electrical resistors by cold spray	
Johnson, Catherine	University of British Columbia	Pacific Museum of the Earth	British Columbia/ Colombie-Britannique	CANADA	02/10/2012	3	39,900	PromoScience	Pacific Museum of the Earth Outreach Program	
Johnson, Marc	University of Toronto	Biology, UTM	Ontario	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Growth Chambers for Interdisciplinary Collaborative Research in Plant Biology	
Johnson, Ryan	University of Toronto	Computer and Mathematical Sciences	Ontario	CANADA	03/29/2012	1	84,821	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	A platform for hardware-accelerated database engines	
Johnson, Thomas	University of British Columbia	Okanagan - Engineering, School of	British Columbia/ Colombie-Britannique	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Feasibility study of a non-contact voltage sensor for high voltage power line monitoring	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Johnston-Monje, David	A&L Biologicals Laboratories Inc.	Head Office	Ontario	CANADA	02/17/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Advancing competitiveness of Ontario's processing tomato sector by piloting innovative solutions to emerging root disease pressures causing vine decline	
Josselyn, Sheena	University of Toronto	Physiology	Ontario	CANADA	03/29/2012	1	113,230	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Manipulating brain circuits using optogenetic equipment to examine memory in mice	
Jun, Martin Byung-Guk	University of Victoria	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Evaluation of lignin as a potential additive in metalworking fluids	
Kaiser, Peter	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Engineering, School of	Ontario	CANADA	03/16/2012	1	95,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Fiber optic strain measurement technology for deep mining	
Kapron, Bruce	University of Victoria	Computer Science	British Columbia/ Colombie-Britannique	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	GPU-based encryption of streaming video	
Karshafian, Raffi	Ryerson University	Physics	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Portable ultrasound array electronic system	
Kattan, Lina	University of Calgary	Civil Engineering	Alberta	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Comparison of the viability of personal rapid transit feeder system and an urban gondola system application	
Kazem Moussavi, Zahra	University of Manitoba	Electrical and Computer Engineering	Manitoba	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Scheduled usage optimization of Sunnex light and eyewear technologies to avoid jet lag	
Keep, Tyrone	University of Saskatchewan	Chemical and Biological Engineering	Saskatchewan	CANADA	01/12/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Flow Modification and Visualization Methods for Product Induction in Agricultural Pneumatic Conveyance Systems	
Kennedy, Kevin	University of Ottawa/ Université d'Ottawa	Civil Engineering	Ontario	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Evaluation of single versus staged mesophilic anaerobic digestion of waste activated sludge with and without Microsludge® pretreatment	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Kerzazi, Noureddine	Fiberty Technologie Inc./ Fiberty Technologie inc.	Head Office	Québec	CANADA	03/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Développement et validation d'une méthode de représentation des flux de connaissance dans les processus de développement logiciel	
Khan, Mohammad Ibraheem	University of Toronto	Materials Science and Engineering	Ontario	CANADA	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Study on the Process-Property-Structure of the Novel Multiple Memory Material (MMM) Technology Applied to Nitinol Shape Memory Alloys (SMA)	
Khavaran, Alireza	University of Toronto	Civil Engineering	Ontario	CANADA	03/08/2012	4	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Application of FRP in Concrete Structures	
Khendek, Ferhat	Concordia University	Engineering and Computer Science, Faculty of	Québec	CANADA	01/20/2012	5	750,000	Industrial Research Chairs/ Professeurs-chercheurs industriels	NSERC/Ericsson Industrial Research Chair: Model Based Software Management	
Kherani, Nazir	University of Toronto	Electrical and Computer Engineering, Edward S. Rogers Sr. Department of	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Characterization of Optical Losses and Potential Performance Enhancement Strategies in Solar Photovoltaic Module	
Kherani, Nazir	University of Toronto	Electrical and Computer Engineering, Edward S. Rogers Sr. Department of	Ontario	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Electrical Characterization Facility	
Khondaker, Bidoura	University of Calgary	Civil Engineering	Alberta	CANADA	03/08/2012	4	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Control Algorithm, Safety and Traffic Impact Analysis of Automated Variable Speed Limit in Deerfoot Trail, Calgary, AB	
Khosravi, Farhad	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	03/08/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Multipath Cancelling Antenna System for GPS Application	
Khreich, Wael	NLP Technologies Inc.	Head Office	Québec	CANADA	03/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Domain adaptation and system integration for statistical machine translation (TRANSLI-Star)	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Khursigara, Cezar	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	03/29/2012	1	144,600	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	The Reveal Contrast Imaging System for High-Resolution Cellular Microscopy	
Kim, Young-June	University of Toronto	Physics	Ontario	CANADA	03/29/2012	1	61,936	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Single-crystal alignment facility for quantum materials research	
Kirouac, Jacques	Science Pour Tous	Siège social	Québec	CANADA	03/08/2012	3	30,000	PromoScience	Volet scolaire du 24 heures de science, renouvelé avec des partenaires de haut niveau	
Kirubarajan, Thia	McMaster University	Electrical and Computer Engineering	Ontario	CANADA	02/17/2012	4	400,000	Department of National Defence / NSERC Research Partnership/ Partenariat de recherche du ministère de la Défense nationale et du CRSNG	Intelligent Forecasting and Anomaly Detection with Improved Tracking and Fusion	
Kishawy, Hossam	University of Ontario Institute of Technology	Engineering and Applied Science, Faculty of	Ontario	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Online control of the machined surface quality	
Kishk, Ahmed	Concordia University	Electrical and Computer Engineering	Québec	CANADA	03/29/2012	1	147,684	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Acquisition of Planar Near Field Scanner for Antenna Measurements Research	
Klassen, Robert	The University of Western Ontario	Mechanical and Materials Engineering	Ontario	CANADA	03/16/2012	4	320,000	NSERC/NRCan/AECL Generation IV Energy Technologies Program/ Programme des technologies énergétiques de quatrième génération CRSNG RNCan EACL	The effect of irradiation on the mechanical properties of nuclear fuel cladding and insulating materials for the Gen. IV pressure tube super critical water reactor	
Klymak, Jody	University of Victoria	Earth and Ocean Sciences, School of	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	74,710	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Measuring ocean mixing at Station Papa	
Ko, Seok-Bum	University of Saskatchewan	Electrical & Computer Engineering	Saskatchewan	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Study of low power IEEE754 compliant arithmetic adder for scientific applications	
Kocar, Ilhan	École Polytechnique de Montréal	Génie électrique	Québec	CANADA	03/16/2012	3	97,043	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Development of a multiphase power flow solution algorithm for large electricity distribution systems including secondary grid networks using modified augmented matrix formulation	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Koivisto, Bryan	Ryerson University	Chemistry and Biology	Ontario	CANADA	03/29/2012	1	65,804	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Towards More Efficient Photovoltaic Materials: Spectroelectrochemical Instrumentation to Study Photoinduced Electron and Energy Transfer	
Kolios, Michael	Ryerson University	Physics	Ontario	CANADA	03/29/2012	1	90,159	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Spectrophotometer for exploratory photoacoustic spectroscopy and molecular theragnostics	
Konermann, Lars	The University of Western Ontario	Chemistry	Ontario	CANADA	03/29/2012	1	149,957	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	An Integrated System for Studying Protein Structure and Dynamics by Hydrogen Exchange Mass Spectrometry	
Kovecses, Jozsef	McGill University	Mechanical Engineering	Québec	CANADA	01/20/2012	3	150,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Modelling and Analysis Methods and Tools to Support Mobile Robotics Design and Control	
Krause, Federico	University of Calgary	Geoscience	Alberta	CANADA	03/16/2012	2	84,085	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Geological characterization of the fernie formation: a long-lived, siliciclastic-carbonate wedge with basinal to coastal plain deposits - Jurassic, West-Central Alberta, Canada	
Krause, Thomas	Royal Military College of Canada/ Collège militaire royal du Canada	Physics	Ontario	CANADA	02/17/2012	3	163,500	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Advanced inspection of CANDU steam generator tubing structures using transient Eddy Current	
Krawchuk, Meg	Simon Fraser University	Geography	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	41,663	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	"Mobile laboratory for the geography of disturbance: Ecosystem disturbances, interactions, and landscape resilience"	
Kresta, Suzanne	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	02/17/2012	2	132,920	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Shear and Sedimentation Test Cell (SSTC) for Measuring the Effect of Mixing on the Performance of Chemical Additives	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Krishnan, Sridhar	Ryerson University	Electrical and Computer Engineering	Ontario	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Real-time auditory display and recording of user-selected brain wave generators in the cerebral cortex	
Krstic, Vladimir	Queen's University	Mechanical and Materials Engineering	Ontario	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Substitution of polymer-based material by alumina in microwave heating devices	
Krylov, Sergey	York University	Chemistry	Ontario	CANADA	03/29/2012	1	149,820	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	CHEMICAL CYTOMETRY FOR STUDIES OF REGULATORY CELLULAR PROCESSES	
Kubiseski, Terrance	York University	Biology	Ontario	CANADA	03/29/2012	1	36,317	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	C.elegans microinjection system	
Kubow, Stan	McGill University	Dietetics and Human Nutrition, School of	Québec	CANADA	02/17/2012	2	70,552	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Inhibitory Effects of Apple Peel Polyphenols on Heterocyclic Amine Production from Cooked and digested Meats	
Kumar, Abhinandan	Nova Scotia Agricultural College	Environmental Sciences	Nova Scotia/ Nouvelle-Écosse	CANADA	01/12/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Ascophyllum nodosum extracts impart salinity tolerance in tomato through differential regulation of stress response genes and enzymes	
Kumar, Krishna D.	Ryerson University	Head Office	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Sensors and Wireless Technology Requirements and their Integration for Health Monitoring of Organic Verm Digesters	
Kurata, Harley	University of British Columbia	Anesthesiology, Pharmacology & Therapeutics	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	56,544	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	High-Throughput Ion Channel Screening Facility	
Kwon, Hyock Ju	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of New Transport Shuttle for Cold Storage	
Labine, Guy	Science North/ Science nord	Head Office	Ontario	CANADA	02/10/2012	3	54,900	PromoScience	Science Camps in Northern Ontario	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Laforest, Martin	University of Waterloo	Quantum Computing, Institute for	Ontario	CANADA	02/10/2012	3	36,000	PromoScience	Quantum Cryptography School for Young Students	
Lafrance, Bruno	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Earth Sciences	Ontario	CANADA	02/17/2012	4	81,060	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	The Tectonic, Structural and Stratigraphic Setting, and Origin of Eastern Trans-Hudson Orogen Gold Deposits at Snow Lake, Manitoba	
Laganière, Robert	University of Ottawa/ Université d'Ottawa	Electrical Engineering and Computer Science, School of	Ontario	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Computer vision technology in indoor and outdoor environments for augmented reality applications	
Laganière, Robert	University of Ottawa/ Université d'Ottawa	Engineering, Faculty of	Ontario	CANADA	03/16/2012	2	181,600	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Computer Vision Based Driver Assistive System	
Laird, Brian	University of Ottawa/ Université d'Ottawa	Biology	Ontario	CANADA	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Particulate Air Pollution in Toronto: Identifying which Components Contribute to Oxidative Stress	
Lait, Linda	Memorial University of Newfoundland	Biology	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	01/12/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	The conservation genetics of the kaki (<i>Himantopus novaezelandiae</i>): How diverse are these critically endangered birds?	
Lam, Frank	University of British Columbia	Wood Science	British Columbia/ Colombie-Britannique	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Performance of Massiv-Holz-Mauer® - Cross laminated timber panels with aluminum nailing	
Lamarre, Vincent	Institut de technologie agroalimentaire	Head Office	Québec	CANADA	03/16/2012	1	25,000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Granule organo-minéral à base de digestat	
Lampe, Lutz	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Crosstalk elimination in broadband power line communication networks	
Lamppa, Thomas	Lakehead University	Science and Environmental Studies, Faculty of	Ontario	CANADA	01/12/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Recent forest fire history and impacts of spatial variability on fires in Quetico Provincial Park due to climate change	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Lan, Christopher	University of Ottawa/ Université d'Ottawa	Chemical and Biological Engineering	Ontario	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Capacities of microalgae for recycling potassium from anaerobic digestate	
Laskin, David	University of Calgary	Geography	Alberta	CANADA	01/12/2012	3	150,000	Vanier Canada Graduate Scholarships - Doctoral/ Bourses d'études supérieures du Canada Vanier - Doctorat	Satellite-derived models of available vegetation nutrition: projected impacts of climate change on critical grizzly bear food resources in Alberta	
Laurendeau, Denis	Université Laval	Génie électrique et génie informatique	Québec	CANADA	01/20/2012	5	347,252	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Inspection de canalisations par référencement de senseurs volumétriques	
Lausen, Cori	Wildlife Conservation Society Canada	Head Office	Ontario	CANADA	02/17/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Evaluating the risk of white nose syndrome in bats in western Canada	
Lauzier, Nicolas	Robotiq	Head Office	Québec	CANADA	02/17/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Développement d'un capteur d'efforts optique à six axes pour l'interaction humain-robot	
Lauzon, Janic	Cégep de Saint-Jérôme	Siège social	Québec	CANADA	02/01/2012	2	149,350	Applied Research and Development Grants - Level 2/ Subventions de recherche et développement appliquée - niveau 2	Développement de matériaux composites adaptés à la réparation d'éoliennes en milieu nordique	
Lawless, Darren	Sheridan Institute of Technology and Advanced Learning	Head Office	Ontario	CANADA	03/16/2012	5	1,108,500	Industrial Research Chairs for Colleges Grants/ Subventions de chaire de recherche industrielle dans les collèges	Mobile Computing	
Layzell, David	University of Calgary	Institute for Sustainable Energy, Environment and Economy	Alberta	CANADA	02/17/2012	2	99,750	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Potential for activated biochar in the remediation of water from oil sands operations	
Le Moual, Hervé	McGill University	Microbiology and Immunology	Québec	CANADA	03/29/2012	1	25,392	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Fluorescence microplate reader for solution- and cell-based assays	
Le Sieur, Sylvie	Collège Shawinigan	Head Office	Québec	CANADA	02/01/2012	1	25,000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Développement d'un procédé de traitement de recyclage d'une eau de lavage générée par la production de sulfate de zinc	

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Le Sieur, Sylvie	Collège Shawinigan	Head Office	Québec	CANADA	03/16/2012	1	25,000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Évaluation sommaire des bioproduits issus d'une biomasse algale cultivée sur des effluents pétrochimiques	
Le Sieur, Sylvie	Collège Shawinigan	Head Office	Québec	CANADA	03/16/2012	5	899,000	Industrial Research Chairs for Colleges Grants/ Subventions de chaire de recherche industrielle dans les collèges	Chaire de recherche industrielle dans les collèges du CRSNG sur les bioprocédés et les technologies de fermentation	
Leather, Patti	rare Charitable Research Reserve	Head Office	Ontario	CANADA	03/08/2012	3	42,000	PromoScience	Mirrored Research Program	
Leblanc, Alexandre	University of Manitoba	Statistics	Manitoba	CANADA	03/30/2012	1	31,013	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Computational Resources for Statistical Research	
Leblanc, François	Cégep de Jonquière	LE BOURSIER	Québec	CANADA	03/16/2012	5	1,000,000	Industrial Research Chairs for Colleges Grants/ Subventions de chaire de recherche industrielle dans les collèges	Chaire de recherche industrielle dans les collèges du CRSNG en technologies des énergies renouvelables et rendement énergétique	
Leclerc, Marc	Cégep de Saint-Hyacinthe	Siège social	Québec	CANADA	03/16/2012	5	1,000,000	Industrial Research Chairs for Colleges Grants/ Subventions de chaire de recherche industrielle dans les collèges	Chaire de recherche industrielle textiles techniques innovants	
Leitch, David	McGill University	Chemistry	Québec	CANADA	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Palladium-Catalyzed Multicomponent Synthesis of Structurally Diverse Conjugated Polymers for Organic Electronic Devices	
Lemaire, Edward	University of Ottawa/ Université d'Ottawa	Medicine, Faculty of	Ontario	CANADA	01/20/2012	3	218,051	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Wearable mobility monitoring for people with disabilities	
Leong, Wey Heng	Ryerson University	Mechanical and Industrial Engineering	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of Optimum Geothermal Heating and Cooling Systems for Urban Multi-demand Communities	
Lesage, Frederic	École Polytechnique de Montréal	Génie électrique	Québec	CANADA	03/29/2012	1	27,581	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Optogenetic investigation of the neurovascular coupling in epilepsy	

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Leslie, Sabrina	McGill University	Physics	Québec	CANADA	03/29/2012	1	147,686	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Force-and-fluorescence microscopy of DNA repair	
Leung, Tong	University of Waterloo	Chemistry	Ontario	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Helium ion beam nanomachining: advancing new design-&-build technology in the nanoworld	
Levesque, Roger	Université Laval	Microbiologie- infectiologie et d'immunologie	Québec	CANADA	03/29/2012	1	61,376	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Spectrophotomètre pour cinétiques enzymatiques	
Levesque, Vincent	Immersion Canada	Head Office	Québec	CANADA	01/20/2012	3	60,352	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Multimodal user interface design with next-generation haptic technologies	
Levine, Joel	University of Toronto	Biology, UTM	Ontario	CANADA	03/29/2012	1	52,597	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Environmental Chambers for Insect Circadian Studies	
Leznoff, Daniel	Simon Fraser University	Chemistry	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	149,982	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	X-ray microsource upgrade for accessing very small and/or organic single crystal structures	
Li, Ri	University of British Columbia	Okanagan - Engineering, School of	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	118,729	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Thermofluidics Visualization System	
Li, Xianguo	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	A novel production of hydrogen via electrolysis of salt water	
Li, Yingfu	McMaster University	Biochemistry and Biomedical Sciences	Ontario	CANADA	02/17/2012	1	125,000	Idea to Innovation/ De l'idée à l'innovation	Fluorescent Indicator for Listeria	
Li, Yuning	University of Waterloo	Chemical Engineering	Ontario	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Study of deposition conditions of metal oxides	
Li, Yuning	University of Waterloo	Chemical Engineering	Ontario	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of polymer solar cell fibres	
Liao, Baoqiang	Lakehead University	Chemical Engineering	Ontario	CANADA	03/16/2012	2	51,500	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Development of hollow fiber anaerobic membrane bioreactors for industrial wastewater treatment	
Lillie, Brandon	University of Guelph	Pathobiology	Ontario	CANADA	01/20/2012	2	46,400	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Genome-wide identification of genetic defects in innate disease resistance genes of swine	

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Lindinger, Michael	University of Guelph	Human Health and Nutritional Sciences	Ontario	CANADA	03/29/2012	1	56,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Department Core Facility Plate Reader	
Lipp, Judith	Toronto Renewable Energy Co-operative	Head Office	Ontario	CANADA	02/10/2012	3	50,100	PromoScience	Kids' World of Energy	
Lipsett, Michael	University of Alberta	Mechanical Engineering	Alberta	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Concepts for remote monitoring of pipeline corridors using an unmanned aerial system	
Liu, Hugh	University of Toronto	Aerospace Studies, Institute for	Ontario	CANADA	03/29/2012	1	134,978	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Autonomous Unmanned Vehicle Systems Testbed for Wildfire Management	
Liu, Jie	Carleton University	Mechanical & Aerospace Engineering	Ontario	CANADA	03/16/2012	2	30,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Development of Next-Generation Magnetic Field Sensors Based on Magnetic Tunnel Junction Technology	
Liu, Jingnan	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	03/08/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	The structural behaviour of lapped connections of cold-formed steel z-shape roof purlins with different types of bolt holes	
Liu, Jinyuan	Ryerson University	Civil Engineering	Ontario	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of a guided wave ultrasound NDT system for soil nail walls	
Liu, Qingxia	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	02/17/2012	3	480,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Fundamental study of sulfide mineral flotation in high saline water	
Liu, Yan-Fei	Queen's University	Electrical and Computer Engineering	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Digital Control Technology for High Performance AC-DC Converter	
Liu, Ying	Pattern Discovery Technologies Inc.	Head Office	Ontario	CANADA	02/17/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Pattern based health sate diagnosis and fault prognosis for equipment in complex industrial processes	
Liu, Yuan	Life Prediction Technologies Inc.	Head Office	Ontario	CANADA	03/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	CFD modeling of gas turbine components for prognostics application	
Lo, Hoi-Kwong	University of Toronto	Electrical and Computer Engineering, Edward S. Rogers Sr. Department of	Ontario	CANADA	03/29/2012	1	97,123	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Security in a Quantum World	

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Lohans, Christopher	University of Alberta	Chemistry	Alberta	CANADA	03/21/2012	4	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Elucidation of the mode of action of type IIa bacteriocins, and development of more effective analogues.	
Loots, Sarina	University of Alberta	Biological Sciences	Alberta	CANADA	03/08/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Instrument based bird monitoring in the Alberta Oil Sands	
Lougheed, Stephen	Queen's University	Biology	Ontario	CANADA	03/29/2012	1	148,164	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	"Remote, real-time climate monitoring network."	
Love, Jennifer	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Concise synthesis of a sensor for Cyclophosphamide	
Love, Oliver	University of Windsor	Biological Sciences	Ontario	CANADA	03/29/2012	1	36,836	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	"Four-season Research Field Vehicle for Studies and Training in Ecology, Evolution, and Environmental Science"	
Lovejoy, Connie	Université Laval	Biologie	Québec	CANADA	03/29/2012	1	84,324	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Remote DNA and RNA sampling in the Arctic Ocean	
Lu, Ming	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	02/17/2012	5	500,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Advancing project planning and control techniques to improve productivity and competitiveness in industrial construction engineering and management	
Lucet, Yves	University of British Columbia	Okanagan - Psychology & Computer Science	British Columbia/ Colombie-Britannique	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Optimal design of reinforced concrete beams	
Luiken, Maike	Lambton College of Applied Arts and Technology	Head Office	Ontario	CANADA	03/16/2012	5	999,160	Industrial Research Chairs for Colleges Grants/ Subventions de chaire de recherche industrielle dans les collèges	Advanced industrial process optimization and control	
Luke, Robert	George Brown College of Applied Arts and Technology	Head Office	Ontario	CANADA	03/16/2012	6	1,749,665	Technology Access Centre/ Centre d'accès à la technologie	Food Innovation Research Studio (First)	
Luke, Robert	George Brown College of Applied Arts and Technology	Head Office	Ontario	CANADA	03/26/2012	6	2,298,042	College and Community Innovation Program/ Programme d'innovation dans les collèges et la communauté	Green Homes	

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Luo, Jingli	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	03/16/2012	4	320,000	NSERC/NRCan/AECL Generation IV Energy Technologies Program/ Programme des technologies énergétiques de quatrième génération CRSNG RNCan EACL	Corrosion and SCC resistant materials and chemistry for SCWR design	
Ma, David	University of Guelph	Human Health and Nutritional Sciences	Ontario	CANADA	03/29/2012	1	119,248	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	MODERN BIOBUBBLE UNITS TO SUPPORT BASIC RESEARCH USING ANIMAL MODELS	
Ma, Xin	Artron BioResearch Inc.	Head Office	British Columbia/ Colombie-Britannique	CANADA	01/20/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Development of nucleic acid lateral flow test for determining hepatitis B virus genotypes and drug-resistant variants	
MacAulay, Calum	University of British Columbia	Pathology and Lab Medicine	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	108,928	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Glass Processor for the Fabrication of Novel Fiber-Optic Components and Biomedical Catheters	
MacIsaac, Hugh	University of Windsor	Great Lakes Inst. for Environmental Res. (GLIER)	Ontario	CANADA	03/29/2012	1	29,561	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Vehicle for Great Lakes Research	
MacLachlan, Mark	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	94,153	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Detector Upgrade for X-ray Diffractometer	
MacLachlan, Mark	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	99,009	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Gas Sorption Analyzer	
Mahoney, Megan	Queen's University	Psychology	Ontario	CANADA	03/21/2012	3	70,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Contribution of Mu and Delta Opioid Receptors in Response Inhibition: Integrating Findings from Pharmacological Studies in Rats and Genetic Knock-Out Mice	
Mantovani, Diego	Université Laval	Génie des mines, métallurgie et matériaux	Québec	CANADA	03/29/2012	1	149,701	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Profilometry and Doppler Optical Coherence Tomography for Biomedical Applications	
Marchak, Kristan	University of British Columbia	Psychology	British Columbia/ Colombie-Britannique	CANADA	03/21/2012	4	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Processing compound words: The role of meaning composition	

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Marcone, Massimo	University of Guelph	Food Science	Ontario	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Incorporation of Fish Oil as a source of Omega-3 fatty acids in Thai cooking sauces.	
Marin, Gheorghe	Cégep de Trois-Rivières	Head Office	Québec	CANADA	03/16/2012	5	1,000,000	Industrial Research Chairs for Colleges Grants/ Subventions de chaire de recherche industrielle dans les collèges	Chaire de transformation de l'aluminium	
Marleau, Guy	École Polytechnique de Montréal	Génie physique	Québec	CANADA	03/16/2012	4	278,000	NSERC/NRCan/AECL Generation IV Energy Technologies Program/ Programme des technologies énergétiques de quatrième génération CRSNG RNCan EACL	Designing an efficient reactor core simulation strategy for the Canadian-SCWR	
Marriott, Robert	University of Calgary	Chemistry	Alberta	CANADA	01/20/2012	5	935,300	Industrial Research Chairs/ Professeurs-chercheurs industriels	NSERC ASRL Industrial Research Chair in Applied Sulfur Chemistry	
Marsault, Eric	Université de Sherbrooke	Pharmacologie	Québec	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Dérivés azotés des monoglycérides d'oméga-3 par chimie verte	
Martel, Richard	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	01/20/2012	3	249,643	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Optimisation du balayage par des solutions tensioactives lors de l'application d'un train de technologies pour la réhabilitation de contaminations organiques en sols hétérogènes	
Martin, Derek	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	03/16/2012	5	1,500,000	Industrial Research Chairs/ Professeurs-chercheurs industriels	NSERC Industrial Research Chair in Railway Geomechanics	
Martin, Randall	Dalhousie University	Physics and Atmospheric Science	Nova Scotia/ Nouvelle-Écosse	CANADA	03/29/2012	1	148,479	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Instrumentation to Measure Aerosol Mass and Composition for Research to Improve Satellite Remote Sensing and Modeling of Atmospheric Composition	
Martin-Perez, Beatriz	University of Ottawa/ Université d'Ottawa	Civil Engineering	Ontario	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Electrical resistivity of concrete	
Martinu, Ludvik	École Polytechnique de Montréal	Génie physique	Québec	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Surface and interface characteristics of coated plastic webs	
Martinuzzi, Robert	University of Calgary	Mechanical and Manufacturing Engineering	Alberta	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Design, fabrication and testing of binary fluid ejector prototype	

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Martinuzzi, Robert	University of Calgary	Mechanical and Manufacturing Engineering	Alberta	CANADA	03/29/2012	1	95,592	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Stereoscopic HFPIV for Vortex Dynamics	
Masilamani, Twinkle	Laurentian University of Sudbury/ Université Laurentienne of de Sudbury	Graduate Studies, School of	Ontario	CANADA	01/12/2012	3	150,000	Vanier Canada Graduate Scholarships - Doctoral/ Bourses d'études supérieures du Canada Vanier - Doctorat	The tale of two RNA binding motif proteins (RBM5 and RBM10) in myogenesis	
Mayer, Paul	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	03/29/2012	1	133,089	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Electrospray-ionization ion trap mass spectrometer to study reactions of atomic metal anions	
Mayer, René	École Polytechnique de Montréal	Génie mécanique	Québec	CANADA	01/20/2012	3	195,001	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Al-Li skin pocket milling	
Mayor, Thibault	University of British Columbia	Biochemistry and Molecular Biology	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	69,544	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Quantitative imaging system for the Centre of High-Throughput Biology	
McClelland, Grant	McMaster University	Biology	Ontario	CANADA	03/29/2012	1	49,265	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Imaging System for Environmental Physiology Research	
McCormick, John	The University of Western Ontario	Microbiology and Immunology	Ontario	CANADA	03/29/2012	1	80,965	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Multilabel Microplate Reader	
McDonald, André Garcia	University of Alberta	Mechanical Engineering	Alberta	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Feasibility study on the corrosion resistance of cold-sprayed nanostructured chromia-nickel composite coatings	
McDonald, Tanya	Olds College	Head Office	Alberta	CANADA	03/28/2012	3	630,000		Use of genomic tools to improve feed efficiency in purebred Hereford cattle	
McGibbon, Chris	University of New Brunswick	Biomedical Engineering, Institute of	New Brunswick/ Nouveau-Brunswick	CANADA	03/29/2012	1	143,432	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Human movement analysis infrastructure for improved biomedical and kinesiology research and training capacity	
McGinitie, Teague	University of Alberta	Chemistry	Alberta	CANADA	03/08/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Predictive modeling of two-dimensional gas chromatographic retention of PAHs within crude oil fractions	

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McGrady, Gerard Sean	University of New Brunswick	Chemistry	New Brunswick/ Nouveau-Brunswick	CANADA	03/29/2012	1	48,515	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	PCT Apparatus for Hydrogen Storage Research	
McNamara, Michael	Seneca College of Applied Arts and Technology	Head Office	Ontario	CANADA	03/16/2012	5	1,000,000	Industrial Research Chairs for Colleges Grants/ Subventions de chaire de recherche industrielle dans les collèges	NSERC IRCC in Open Source Technology for Emerging Platforms (OSTEP)	
McPhee, John	University of Waterloo	Systems Design Engineering	Ontario	CANADA	03/29/2012	1	74,537	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	High-Speed Camera for Contact Model Development and Validation	
Mebatsion, HIBRU Kelemu	University of Manitoba	Biosystems Engineering	Manitoba	CANADA	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Multiscale modeling of wheat quality based on Soft X-ray Spectromicroscopy images	
Mehran, Babak	IBI Group	Head Office	Ontario	CANADA	02/17/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Faster-Than-Real-Time evaluation of post-incident traffic management strategies in freeway networks	
Meinertzhagen, Ian	Dalhousie University	Psychology	Nova Scotia/ Nouvelle-Écosse	CANADA	03/29/2012	1	71,873	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Equipment for serial-section EM	
Meinertzhagen, Ian	Dalhousie University	Psychology	Nova Scotia/ Nouvelle-Écosse	CANADA	03/29/2012	1	75,140	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Equipment for scanning electron microscope	
Mercier, Guy	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Beneficial recovery of copper from the acidic eluate in a steel plant	
Meredith, Anna	University of British Columbia	Pathology and Lab Medicine	British Columbia/ Colombie-Britannique	CANADA	03/21/2012	4	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	The Role of Connexin-43 in Cardiac Myocyte-Fibroblast Responses to Mechanical Strain	
Mérida, Walter	University of British Columbia	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	149,906	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Multichannel electrochemical characterization system	
Merkx-Jacques, Alexandra	Ocean Nutrition Canada Ltd	Head Office	Nova Scotia/ Nouvelle-Écosse	CANADA	01/20/2012	3	60,377	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	ONC-T18 for biofuel applications: Improved xylose metabolism and C12- C16 production	
Merrill, Rod	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	03/29/2012	1	33,081	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Applied Photophysics Stopped-Flow Upgrade	

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Mian, Haneef	Northern Alberta Institute of Technology	Head Office	Alberta	CANADA	03/16/2012	6	2,300,000	College and Community Innovation Program/ Programme d'innovation dans les collèges et la communauté	Oil Sands Environmental Sustainability: Center for Green Chemistry and Engineering at NAIT	
Mideo, Nicole	Penn State	Biology		UNITED STATES/ ÉTATS-UNIS	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Understanding and predicting within-host dynamics, parasite plasticity, and disease life history evolution	
Miller, Renée J.	University of Toronto	Computer Science	Ontario	CANADA	03/29/2012	1	137,500	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	"High-Capacity, Low-Latency Storage for Web-Scale Data Integration"	
Minhas, Rashid	General Electric Canada Inc./ Général électrique Canada inc.	GE Healthcare Canada	Ontario	CANADA	03/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Multi-modality cardiac motion toolkit	
Mishra, Sandeepan	University of Guelph	Psychology	Ontario	CANADA	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Elucidating proximate mechanisms underlying decision-making under need	
Misic, Vojislav	Ryerson University	Computer Science	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Providing Security and Privacy in JBB Mobile Field Cloud	
Mitchell, Derek	The University of Western Ontario	Anatomy and Cell Biology	Ontario	CANADA	03/29/2012	1	109,066	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Eye tracking and 3 dimensional visualization: synergistic and ecologically valid approaches to neuroimaging research	
Mitlin, David	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	03/16/2012	4	320,000	NSERC/NRCan/AECL Generation IV Energy Technologies Program/ Programme des technologies énergétiques de quatrième génération CRSNG RNCan EACL	Synergistic Surface Mechanical Treatments and Surface Coatings for Enhanced SCW Corrosion Resistance	
Moazzen-Ahmadi, Nasser	University of Calgary	Physics and Astronomy	Alberta	CANADA	03/29/2012	1	65,842	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Mid infrared optical parametric oscillator (OPO)	
Mohajerani, Amirhossein	Dalhousie University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Enhancing the wear resistance of steel and aluminum alloys by vibratory finishing process	

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Mohamadi Monavar, Fatemeh	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	03/08/2012	4	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Optimized SMRSs and their Application to Holographic High-Gain Conformal Antennas with Adaptable Radiation Characteristics	
Mohamed, Yasser	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	02/17/2012	5	603,250	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Enabling technologies towards a semantic model-based decision support framework for construction operations	
Möller, Torsten	Simon Fraser University	Computing Science, School of	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	97,777	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Scalable Exploration of Computer Simulations	
Mongrain, Rosaire	McGill University	Mechanical Engineering	Québec	CANADA	03/29/2012	1	116,500	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Characterization of the mesoscale elastic and toughness properties of soft biological tissues	
Monwar, Md. Maruf	Carnegie Mellon University (US)	Electrical and Computer Engineering		UNITED STATES/ ÉTATS-UNIS	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Medical image fusion utilizing bi-phase wavelet transform and genetic algorithm.	
Moore, Daniel	University of Guelph	Human Health and Nutritional Sciences	Ontario	CANADA	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Mechanisms of the in vivo regulation of human muscle stem cells in response to contractile stimuli	
Mori, Gregory	Simon Fraser University	Computing Science, School of	British Columbia/ Colombie-Britannique	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Human activity recognition from aerial surveillance video	
Morita, Plinio	University of Waterloo	Systems Design Engineering	Ontario	CANADA	01/12/2012	3	150,000	Vanier Canada Graduate Scholarships - Doctoral/ Bourses d'études supérieures du Canada Vanier - Doctorat	Trust and Teamwork - A Risk Management Approach	
Morsink, Sharon	University of Alberta	Physics	Alberta	CANADA	02/10/2012	3	50,100	PromoScience	Sky Scan Science Outreach Program	
Moshovos, Andreas	University of Toronto	Electrical and Computer Engineering, Edward S. Rogers Sr. Department of	Ontario	CANADA	02/17/2012	3	171,121	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Data supply architectures for smartphone and tablet devices	
Moutanabbir, Oussama	École Polytechnique de Montréal	Génie physique	Québec	CANADA	03/29/2012	1	143,471	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Scanning Acoustic Microscope to Probe Voids and Interfaces in Functionalized Materials and Hybrid Devices	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Mozaffari Kermani, Mehran	Princeton University	Electrical Engineering		UNITED STATES/ ÉTATS-UNIS	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Reliable and Power Analysis Resistant Architectures for Cryptographic Hardware	
Mu, Jianwei	Massachusetts Institute of Technology	Materials Science and Engineering		UNITED STATES/ ÉTATS-UNIS	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Design of large scale semiconductor photonic integrated circuits for optical fiber communication systems	
Muller, Hausi	University of Victoria	Computer Science	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	66,115	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Self-Adaptive Smarter Systems Optimization Laboratory	
Müller, Jens	University of Saskatchewan	Chemistry	Saskatchewan	CANADA	03/29/2012	1	146,034	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Upgrade of X-ray diffractometer for small molecules	
Mureithi, Njuki	École Polytechnique de Montréal	Génie mécanique	Québec	CANADA	01/20/2012	5	499,000	Industrial Research Chairs/ Professeurs- chercheurs industriels	NSERC/BWC-AECL Industrial Chair in Fluid- Structure Interaction	
Murugesu, Muralee	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Activation of waste tire pyrolysed char	
Musa, Ahmed	The University of Western Ontario	Civil and Environmental Engineering	Ontario	CANADA	02/09/2012	4	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Prediction of Wind Behaviour of Shell-Type Structures Using Numerical Modeling	
Mutsvangwa, Timothy	University of Saskatchewan	Animal and Poultry Science	Saskatchewan	CANADA	03/29/2012	1	43,267	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Liquid Scintillation Counter for Application in Research on Epithelial Function	
Nagamune, Ryozo	University of British Columbia	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	36,063	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Equipment for Automotive Engine Control	
Nantel, Marc	Niagara College Canada	Niagara-on-the-Lake Campus	Ontario	CANADA	03/16/2012	5	1,000,000	Industrial Research Chairs for Colleges Grants/ Subventions de chaire de recherche industrielle dans les collèges	NSERC Industrial Research Chair for Colleges in precision agriculture and environmental technologies	
Nasif, Ghassan	University of Windsor	Mechanical, Automotive and Materials Engineering	Ontario	CANADA	01/12/2012	4	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Oil Jet Piston Cooling Technology	
Naus, Christian	University of British Columbia	Life Sciences Institute	British Columbia/ Colombie-Britannique	CANADA	02/10/2012	3	30,000	PromoScience	CSI @ LSI Science Education Outreach Program	

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Nedil, Mourad	Université du Québec en Abitibi-Témiscamingue	Sciences appliquées	Québec	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Design and realization of new RFID antennas for localization in underground mine	
Nelson, Peggy	North Island College	Head Office	British Columbia/ Colombie-Britannique	CANADA	03/16/2012	5	998,475	Industrial Research Chairs for Colleges Grants/ Subventions de chaire de recherche industrielle dans les collèges	NSERC Industrial Research Chair for Colleges in Aquaculture Environmental Monitoring	
Neufeld, Ronald	Queen's University	Chemical Engineering	Ontario	CANADA	03/29/2012	1	51,255	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Insulin assay through high performance liquid chromatography	
Newman, Roger	University of Toronto	Chemical Engineering and Applied Chemistry	Ontario	CANADA	03/16/2012	4	320,000	NSERC/NRCan/AECL Generation IV Energy Technologies Program/ Programme des technologies énergétiques de quatrième génération CRSNG RNCan EACL	Integrity of Oxide Films on Steels and Model Alloys in Supercritical Water	
Ni, Yonghao	University of New Brunswick	Chemical Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	01/20/2012	2	88,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Wood raw material variations and their impact on the production of dissolving pulps and quality	
Nichita, Eleodor	University of Ontario Institute of Technology	Energy Systems & Nuclear Science, Faculty of	Ontario	CANADA	03/16/2012	4	320,000	NSERC/NRCan/AECL Generation IV Energy Technologies Program/ Programme des technologies énergétiques de quatrième génération CRSNG RNCan EACL	Study of Kinetics Characteristics of a Pressure-Tube Supercritical-Water Reactor	
Nie, Heng-Yong	The University of Western Ontario	Surface Science Western	Ontario	CANADA	01/20/2012	2	34,284	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Stabilizing polythiophene (PT) semiconductors with a novel cross-linking technology	
Nodwell, Justin	McMaster University	Biochemistry and Biomedical Sciences	Ontario	CANADA	03/29/2012	1	118,690	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	High-performance liquid chromatography for small molecule purification	
Nokleby, Scott	University of Ontario Institute of Technology	Engineering and Applied Science, Faculty of	Ontario	CANADA	02/17/2012	3	180,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Development of New CANDU Fuel Channel Inspection Tools for Increased Inspection Speed	
Normand, Gabrielle	G.U.E.P.E	Head Office	Québec	CANADA	02/10/2012	3	60,000	PromoScience	Passeport Sciences	
Novakowski, Kent	Queen's University	Civil Engineering	Ontario	CANADA	03/29/2012	1	68,722	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Rapid Field Measurement of the Stable Isotopes of Water	

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Novog, David	McMaster University	Engineering Physics	Ontario	CANADA	03/16/2012	4	320,000	NSERC/NRCan/AECL Generation IV Energy Technologies Program/ Programme des technologies énergétiques de quatrième génération CRSNG RNCan EACL	Safety Analysis of the Canadian Super Critical Water Reactor Conceptual Design	
Nubiola, Albert	École de technologie supérieure	Génie de la production automatisée	Québec	CANADA	03/08/2012	4	27,000	Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat	Improving the accuracy of robots used in the aerospace industry through calibration	
Obhi, Sukhvinder	Wilfrid Laurier University	Psychology	Ontario	CANADA	03/29/2012	1	57,155	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Equipment for investigating the neurophysiological basis of Intentional action	
Obrovac, Mark	Dalhousie University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	03/29/2012	1	149,554	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	X-Ray Powder Diffractometer	
O'Leary, Stephen	University of British Columbia	Okanagan - Engineering, School of	British Columbia/ Colombie-Britannique	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Hybrid solar cells for future renewable energy applications	
Oleschuk, Richard	Queen's University	Chemistry	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of a Highly Sensitive Robust Fluidic Interface for the Ionics 3Q Molecular Analyzer	
Omichinski, James	Université de Montréal	Biochimie	Québec	CANADA	03/29/2012	1	130,099	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Low-volume ITC for investigating biomolecular interactions	
Oprea, Iulia	University of London - University Head Office College London			UNITED KINGDOM/ ROYAUME-UNI	03/07/2012	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Uncovering the role of mitochondria in the pathogenesis of core myopathies	
Osinski, Gordon	The University of Western Ontario	Centre for Planetary Science and Exploration	Ontario	CANADA	02/10/2012	3	45,000	PromoScience	Interactive Mapping of the Planets (IMAPS)	
Ozaki, Tsuneyuki	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Terahertz-field-driven attosecond X-ray streak camera	
Pacheco de Moraes, Raul	3M Canada Company/ Compagnie 3M Canada	Head Office	Ontario	CANADA	02/17/2012	3	60,088	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Paper saturation for masking tapes: Influence of polymeric latex structure - Properties on the tape performance & cost	

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Pagé, Benoit	Collège Ahuntsic	Siège social	Québec	CANADA	03/16/2012	6	2,300,000	College and Community Innovation Program/ Programme d'innovation dans les collèges et la communauté	Impressions 2020: Développement d'imprimés novateurs à haute valeur ajoutée s'inscrivant dans une perspective de développement durable	
Paisley, Catherine	Ontario Science Centre	Science Education	Ontario	CANADA	02/10/2012	3	50,100	PromoScience	Interactive Mathematics Programs (IMP)	
Palermo, Daniel	University of Ottawa/ Université d'Ottawa	Civil Engineering	Ontario	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Design of Light Gauge Steel Composite Columns	
Panesar, Daman	University of Toronto	Civil Engineering	Ontario	CANADA	03/29/2012	1	26,737	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Environmental Chamber for Laboratory Studies of Cement-Based Building Materials	
Papangelakis, Vladimiros	University of Toronto	Chemical Engineering and Applied Chemistry	Ontario	CANADA	03/29/2012	1	127,727	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES)	
Paquin, Jean-François	Université Laval	Chimie	Québec	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Examination of novel XtalFluor derivatives as potential deoxofluorinating agent	
Parameswaran, Ash	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Mask Aligner	
Paraschivoiu, Marius	Concordia University	Mechanical and Industrial Engineering	Québec	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Novel numerical simulation tool for multi-liquid flow in overbends of heavy crude oil pipelines	
Parenteau, Mario	Cégep de Trois-Rivières	Head Office	Québec	CANADA	02/17/2012	1	25,000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Traitement de valorisation de la biomasse issue de microalgues à l'aide d'équipements papetiers	
Parenteau, Mario	Cégep de Trois-Rivières	Head Office	Québec	CANADA	02/17/2012	1	25,000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	L'application de l'extraction à l'eau chaude au tremble : en route vers une bioraffinerie verte	
Park, Edward	Simon Fraser University	Mechatronic Systems Engineering	British Columbia/ Colombie-Britannique	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of a GPS aided IMU sensor fusion algorithm for instrumented goggle-based detection of jumping in active sports	

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Patience, Gregory S.	École Polytechnique de Montréal	Génie chimique	Québec	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	GC-MS characterization of carboxylic acids and essential oils derived through through heterogeneous catalysis and extraction	
Pattison, David	University of Calgary	Geoscience	Alberta	CANADA	03/29/2012	1	44,099	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Upgrading of University of Calgary Electron Probe Microanalyzer	
Pavlov, Evgeny	Dalhousie University	Physiology and Biophysics	Nova Scotia/ Nouvelle- Écosse	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	In situ investigation of mitochondrial function using Digital Inline Holographic Microscopy (DIHM) technology	
Pederson, Shea	University of Saskatchewan	Electrical & Computer Engineering	Saskatchewan	CANADA	01/12/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Insulation Monitoring for Ungrounded Photovoltaic Generators	
Pejovic-Milic, Ana	Ryerson University	Physics	Ontario	CANADA	03/29/2012	1	127,294	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	In situ quantification of gold nanoparticles using the total reflection X-ray fluorescence	
Pelton, Robert	McMaster University	Chemical Engineering	Ontario	CANADA	03/16/2012	4	449,808	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Towards design rules for ophthalmic emulsions	
Penner, Audrey	Holland College	Head Office	Prince Edward Island/ Île- du-Prince-Édouard	CANADA	03/16/2012	6	1,750,000	Technology Access Centre/ Centre d'accès à la technologie	Canada's Smartest Kitchen	
Percival, Paul	Simon Fraser University	Chemistry	British Columbia/ Colombie-Britannique	CANADA	03/16/2012	4	320,000	NSERC/NRCan/AECL Generation IV Energy Technologies Program/ Programme des technologies énergétiques de quatrième génération CRSNG RNCan EACL	Reaction Kinetics in Supercritical Water as Probed with Muonium	
Perras, Frédéric	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	02/09/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	The Advancement of NMR Crystallography to Include Nuclei Across the Periodic Table	
Petovello, Mark	University of Calgary	Geomatics Engineering	Alberta	CANADA	02/17/2012	2	114,800	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Ultra-tight integration of GPS with vehicle sensors for high-sensitivity navigation	
Philippe, Ryan	Salk Institute for Biological Studies	Skirball Center for Chemical Biology and Proteomics		UNITED STATES/ ÉTATS-UNIS	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Adaptive Evolution of Stereospecific and Catalytically Efficient Enzymes From Non- Enzymatic Ancestors	

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Pierre, Samuel	École Polytechnique de Montréal	Génie informatique et génie logiciel	Québec	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Validation d'un outil d'aide pour la surveillance et le diagnostic médical pour les nouveaux usages mobiles	
Pillay, Pragasen	Concordia University	Electrical and Computer Engineering	Québec	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Advanced Machines Design and Test Facility	
Pinsonneault, Andrew	McGill University	Geography	Québec	CANADA	03/21/2012	4	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Silicon Cycle Dynamics in Assessing Marine Carbon Cycling and Long-Term Climate Change	
Plant, David	McGill University	Electrical and Computer Engineering	Québec	CANADA	03/29/2012	1	50,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Automated Silicon Photonics RF/Optical Probe Stations	
Plaxton, William	Queen's University	Biology	Ontario	CANADA	03/29/2012	1	47,571	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Fast Protein Liquid Chromatography System	
Plint, Trevor	University of Toronto	Chemical Engineering and Applied Chemistry	Ontario	CANADA	03/21/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Charge Carrier Mobilities of Liquid and Low Tg Arylamines	
Poduska, Kristin	Memorial University of Newfoundland	Physics and Physical Oceanography	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Far-infrared spectromicroscope for assessing crystallinity differences in solids	
Polanyi, John	University of Toronto	Chemistry	Ontario	CANADA	03/16/2012	3	447,900	Strategic Projects/ Projets stratégiques	Charge-Induced Degradation of Organic Layers	
Pollet, Ingrid	Dalhousie University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	01/12/2012	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Migration of Leach's storm-petrels.	
Ponnampalam, Nakeeran	Norcada Inc.	Head Office	Alberta	CANADA	03/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Development of hermetically packaged mi-infrared semiconductor laser for gas sensing applications	
Ponsard, Bruno	Collège de Maisonneuve	Siège social	Québec	CANADA	02/17/2012	2	100,000	Applied Research and Development Grants - Level 2/ Subventions de recherche et développement appliquée - niveau 2	Faisabilité industrielle d'un écoprocédé de décoloration des huiles concentrées en chlorophylle	
Ponsard, Bruno	Collège de Maisonneuve	Siège social	Québec	CANADA	03/16/2012	5	769,875	Industrial Research Chairs for Colleges Grants/ Subventions de chaire de recherche industrielle dans les collèges	Chaire de recherche industrielle dans les collèges du CRSNG sur les extractibles agroforestiers	

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Pop-Iliev, Remon	University of Ontario Institute of Technology	Engineering and Applied Science, Faculty of	Ontario	CANADA	02/17/2012	5	975,000	Chairs in Design Engineering/ Chaires en génie de la conception	NSERC-OPG Chair in Innovative design engineering	
Porter, Emily Elizabeth	McGill University	Electrical and Computer Engineering	Québec	CANADA	02/09/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Development of a Prototype for Monitoring Breast Cancer with Microwaves	
Préfontaine, Serge	Cégep de Victoriaville	Siège social	Québec	CANADA	03/16/2012	5	500,000	Technology Access Centre/ Centre d'accès à la technologie	Centre d'expertise et de transfert en agriculture biologique et de proximité (CETAB+) - Aide à la transition des PME à l'agriculture biologique	
Prepas, Ellie	Lakehead University	Natural Resources Management, Faculty of	Ontario	CANADA	01/20/2012	5	1,375,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	FORWARD III: Modelling to contribute to cumulative effects management in the Canadian Boreal Forest	
Price, Eric	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	03/21/2012	4	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Design and Synthesis of Novel Acyclic Chelators for Coordination Chemistry and Binding Studies with Gallium, Indium, Yttrium, and Gadolinium.	
Price, Jonathan	University of Waterloo	Geography and Environmental Management	Ontario	CANADA	03/16/2012	6	2,659,374	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Evaluating the success of fen creation in the post oil sands landscape	
Proud, Adam	University of Prince Edward Island	Chemistry	Prince Edward Island/ Île-du-Prince-Édouard	CANADA	01/12/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Theoretical Studies of Carbon-Based 3-D Networks for the Purposes of Hydrogen Storage	
Przybylski, Roman	University of Lethbridge	Chemistry and Biochemistry	Alberta	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Improvement of French fries quality by modification of frying process	
Purmehdi, Hakimeh	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	03/08/2012	4	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Reduced-Complexity Radio Resource Management Algorithms for Heterogeneous MIMO Cellular Networks	
Quintero, Jose Alejandro	École Polytechnique de Montréal	Génie informatique et génie logiciel	Québec	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Planificateur de réseaux 4G	

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Radovanovic, Pavle	University of Waterloo	Chemistry	Ontario	CANADA	01/20/2012	1	122,250	Idea to Innovation/ De l'idée à l'innovation	Tunable energy-efficient illumination devices based on transparent hybrid nanomaterials	
Rajalakshmi Sivarama, Satynarayandev	École Polytechnique de Montréal	Génie chimique	Québec	CANADA	01/04/2012	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Design Optimization and Scaleup of Electrotechnology for Pasteurization of In-shell Eggs with Post Processing Quality Assessment and Real-time Monitoring	
Ramahi, Omar	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Harvesting electromagnetic energy in the microwaves and infra-red spectra	
Ramaswamy, Hosahalli	McGill University	Food Science and Agricultural Chemistry	Québec	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Sterilization of foie gras - evaluation of thermal destruction sensitivity of microbial spores to free fatty acids	
Raoufi, Reza	STT Technologies Inc.	Head Office	Ontario	CANADA	02/17/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Modeling, performance prediction and fault control of integrated electric-hydraulic motor and pumps	
Rayner-Canham, Geoff	Memorial University of Newfoundland	Chemistry (Grenfell Campus)	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	02/10/2012	2	32,800	PromoScience	Chemistry is Everywhere!	
Reeder, Kim	St Croix Estuary Project Inc.	Head Office	New Brunswick/ Nouveau-Brunswick	CANADA	02/10/2012	3	39,900	PromoScience	Youth Engagement in Environmental Science YEES!	
Renaud, Justin	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	03/21/2012	4	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Studying non-covalent polymer/substrate complexes in the gas phase with Mass Spectrometry	
Renaut, Sébastien	University of British Columbia	Botany	British Columbia/ Colombie-Britannique	CANADA	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	The genomics of adaptation in closely related sympatric species of sunflowers (Helianthus spp.).	
Rennie, Colin	University of Ottawa/ Université d'Ottawa	Civil Engineering	Ontario	CANADA	02/17/2012	4	194,030	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Influence of Ice Processes on fluvial sediment transport	

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Resch, Kevin	University of Waterloo	Physics and Astronomy	Ontario	CANADA	03/29/2012	1	149,885	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Automated free-space links for a three-photon test of locality in quantum mechanics	
Richard, François	Université Laval	Sciences animales	Québec	CANADA	01/20/2012	3	236,212	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	In vitro translation of in vivo stimulation	
Richards, Jeffrey	University of British Columbia	Zoology	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	25,718	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	High-throughput homogenizer for analysis of gene expression and metabolic profiles	
Richards, Jeremy	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	02/17/2012	3	90,570	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Tectonomagmatic setting of the sulphurets Cu-Au porphyry-epithermal district, Northwestern British Columbia	
Richards, Jeremy	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	01/20/2012	4	149,940	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Structural, magmatic, and hydrothermal controls on high-grade mineralization at the Red Chris porphyry Cu-Au deposit, British Columbia	
Richman, Russell	Ryerson University	Architectural Science	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development and validation of a residential grey water recovery system	
Rioux, Didier	Cégep de La Pocatière	Siège social	Québec	CANADA	02/17/2012	1	25,000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Preuve de concept d'un équipement de jointage de câble	
Ripeanu, Matei	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	An automatic keyword enhancement algorithm for improving the discovery of videos	
Ripeanu, Matei	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	42,966	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	An experimental platform for GPU computing	
Rival, David	University of Calgary	Mechanical and Manufacturing Engineering	Alberta	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Hydrodynamic characterization of a novel hull design	
Rival, David	University of Calgary	Mechanical and Manufacturing Engineering	Alberta	CANADA	03/29/2012	1	132,171	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	High-Speed Camera System for the Measurement of Fluid-Structure Interaction in Vortical Flows	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Rivaz, Hassan	McGill University	Biomedical Engineering	Québec	CANADA	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Real-time robust non-linear registration for ultrasound guided neurosurgery	
Rivoal, Jean	Université de Montréal	Sciences biologiques	Québec	CANADA	03/29/2012	1	26,463	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Replacement of a centrifugal vacuum concentrator	
Robert, Jeanne	University of Northern British Columbia	Ecosystem Science and Management Program	British Columbia/ Colombie-Britannique	CANADA	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Uncovering molecular-genetic mechanisms for detoxification and cold tolerance in Mountain pine beetle	
Robert, Louis-Nicolas	Cégep de Matane	Siège social	Québec	CANADA	03/16/2012	1	25,000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Intégration des technologies convergentes afin de les adapter lors d'une prestation scénique	
Robert, Louis-Nicolas	Cégep de Matane	Siège social	Québec	CANADA	03/16/2012	6	2,300,000	College and Community Innovation Program/ Programme d'innovation dans les collèges et la communauté	Innovations Matane: cinéma, jeu vidéo et géolocalisation 3D	
Robertson, Gregory	Conestoga College Institute of Technology & Advanced Learning	Head Office	Ontario	CANADA	02/17/2012	1	25,000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Prototype Testing System for Zelda Pump	
Rodrigues, Luis	Concordia University	Electrical and Computer Engineering	Québec	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Energy efficient autopilots for new generation aircraft flight simulators	
Rogers, John	Carleton University	Electronics	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Novel Circuits for Performance Enhancement of All Digital Frequency Synthesizers	
Ross, Pierre-Simon	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	01/20/2012	4	115,400	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Architecture volcanique de la Formation de Waconichi, région de Chibougamau, Sous-province de l'Abitibi-implications pour la compréhension et l'exploration des SMV	
Roué, Lionel	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	01/20/2012	1	124,000	Idea to Innovation/ De l'idée à l'innovation	Méthode et système électrochimiques pour l'élimination des nitrates dans des effluents aqueux	

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Rousseau, D�errick	Ryerson University	Chemistry and Biology	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Encapsulation of omega-3 fatty acids using emulsions stabilized with solid lipid nanoparticles	
Rowntree, Paul	University of Guelph	Chemistry	Ontario	CANADA	03/29/2012	1	31,482	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - cat�egorie 1	Emergency Replacement of Fourier Transform Infrared Spectrometer for Surface Science Studies of Ultrathin Molecular Films	
Roy, S�ebastien	Universit�e de Sherbrooke	Biologie	Qu�ebec	CANADA	03/16/2012	3	186,142	Collaborative Research and Development Grants/ Subventions de recherche et d�veloppement coop�erative	Unlocking the biotechnological potential of Frankia: reclaiming Canada's mine waste-affected lands using symbiotic alders	
Ruda, Harry	University of Toronto	Materials Science and Engineering	Ontario	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - cat�egorie 1	University of Toronto Enhanced Molecular Beam Epitaxy Facility	
Ruiz, Eduardo	�cole Polytechnique de Montr�al	G�nie m�canique	Qu�ebec	CANADA	01/20/2012	3	330,000	Collaborative Research and Development Grants/ Subventions de recherche et d�veloppement coop�erative	�tude des d�fauts de surface des panneaux composites utilis�s dans les am�nagements int�rieurs des avions d'affaire (EPOX)	
Ruth, Douglas	University of Manitoba	Engineering, Faculty of	Manitoba	CANADA	03/16/2012	5	1,000,000	Chairs in Design Engineering/ Chaires en g�nie de la conception	Design Integrated across the Curriculum	
Ruwanpura, Janaka Yasantha	University of Calgary	Civil Engineering	Alberta	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Analyzing and simulating the current emergency response detection, notification and response systems for Vancouver for an earthquake and resulting tsunami	
Ryall, Patrick	Dalhousie University	Atlantic Science Links Association	Nova Scotia/ Nouvelle-�cosse	CANADA	02/10/2012	3	30,000	PromoScience	Scientists and Innovators in the Schools, Climate Change Action Pack	
Saad, Sameh	University of Waterloo	Chemical Engineering	Ontario	CANADA	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Development of High Frequency Axisymmetric Drop Shape Analysis (ADSA)	

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Sadeghzadeh Milani, Abbas	University of British Columbia	Okanagan - Engineering, School of	British Columbia/Colombie-Britannique	CANADA	03/29/2012	1	112,900	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	A Test System for Dynamic Mechanical Thermal Analysis of Composites and Lightweight Metallic Alloys	
Salama, Magdy	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	02/17/2012	3	210,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Active Distribution Systems: Modeling, Planning and control Design	
Salari Sani, Raheleh	Stanford University	Computer Science		UNITED STATES/ ÉTATS-UNIS	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Modeling ssDNA binding - case study of KH domain	
Salehian, Armaghan	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Design of a Novel Piezo-electric Magnetic Sensor for Failure Detection in Power Grids	
Sameoto, Dan	University of Alberta	Mechanical Engineering	Alberta	CANADA	03/29/2012	1	49,645	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	"Ultrasonic Bonding for thermoplastic microfluidics, nanofluidics and MEMS"	
Sameoto, Dan	University of Alberta	Mechanical Engineering	Alberta	CANADA	03/29/2012	1	64,897	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Precision nanocomposites for smart surfaces and materials	
Samson, Iain	University of Windsor	Earth Sciences	Ontario	CANADA	02/17/2012	3	133,297	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	PGE-Cu mineralization in the Coldwell Complex, Ontario: Controls on mineralization and exploration vectors	
Santala, Kierann	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Biology	Ontario	CANADA	03/08/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	The Introduction of Native Understorey Flora in an Industrially Disurbed Forest	
Sarchami, Araz	Stokast Inc.	Head Office	Ontario	CANADA	03/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Numerical modeling of a fuel bundle in CANDU reactor	
Sargent, Edward	University of Toronto	Electrical and Computer Engineering, Edward S. Rogers Sr. Department of	Ontario	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Atomic Layer Deposition for Advanced Photovoltaics and Optoelectronics.	
Sarris, Costas	University of Toronto	Electrical and Computer Engineering, Edward S. Rogers Sr. Department of	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Diagnostic Modeling, Characterization and Monitoring of Coaxial Cable Networks for Broadband Access	

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Saunier, Nicolas	École Polytechnique de Montréal	Génies Civil, géologique et des mines	Québec	CANADA	03/29/2012	1	115,165	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	"Platform for Transportation Data Archiving, Processing, Analysis and Visualization"	
Savard, Bruno	California Institute of Technology	Aeronautics		UNITED STATES/ ÉTATS-UNIS	01/04/2012	4	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Modélisation de l'efficacité de collision entre gouttelettes liquides dans un gaz porteur	
Savery, Cheryl	Queen's University	Computing, School of	Ontario	CANADA	03/21/2012	4	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Consistency Maintenance in Multiplayer Computer Games	
Sawatzky, George	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Liquid Helium Plant for the Quantum Materials Laboratory	
Sawicki, Marcin	Fédération des astronomes amateurs du Québec	Siège Social	Québec	CANADA	02/10/2012	3	45,000	PromoScience	Discover the Universe/À la découverte de l'univers - A Training Program for Remote and Underserved Communities	
Scherer, Martin	University of Waterloo	Engineering Science Quest	Ontario	CANADA	02/10/2012	3	38,100	PromoScience	Engineering Science Quest Satellite Programming	
Schlesinger, Mordechay	University of Windsor	Physics	Ontario	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Improving electroplating technologies for automotive parts	
Schmidt, Mark	École Normale Supérieure	Mathématiques et d'informatiques		FRANCE	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Large-Scale Optimization Methods for Machine Learning.	
Schroeder, Lori	University of Alberta	Renewable Resources	Alberta	CANADA	03/08/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Ecological impacts of Wood Bison on vegetation in the Aishihik Lake area, Yukon	
Schulte, Oliver	Simon Fraser University	Computing Science, School of	British Columbia/ Colombie-Britannique	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Recover as a cloud service	
Schwan, Adrian	University of Guelph	Chemistry	Ontario	CANADA	03/29/2012	1	119,996	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	A New Multinuclear Cryoprobe for Nuclear Magnetic Resonance	
Scott, Ashley	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Engineering, School of	Ontario	CANADA	03/16/2012	2	192,500	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Industrial waste heat and CO2 to enhance co-production of biodiesel and nutraceuticals from microalgae	

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Scott, Graham	McMaster University	Biology	Ontario	CANADA	03/29/2012	1	57,245	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Swim tunnel respirometers for studying the effects of environmental stress on fish	
Secanell Gallart, Marc	University of Alberta	Mechanical Engineering	Alberta	CANADA	03/29/2012	1	33,600	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	An Experimental Setup for Measuring Mass Transport in Micro-Capillaries and Fuel Cell Electrodes	
Seetharaman, Koushik	University of Guelph	Food Science	Ontario	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Defining the relationship between amylopectin structure of waxy maize mutants and freeze thaw stability of the starches	
Seguin, Philippe	McGill University	Plant Science	Québec	CANADA	03/29/2012	1	79,027	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Environmental Control System for Greenhouses	
Seidou, Ousmane	University of Ottawa/ Université d'Ottawa	Civil Engineering	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Optimisation of a solar system performance with better radiation data and improved heat pipe coating	
Severance, Aaron	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	01/12/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Soft Vector Processor for Embedded FPGA Systems	
Shahbazi, Mozhdeh	Université de Sherbrooke	Géomatique appliquée	Québec	CANADA	03/21/2012	4	27,000	Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat	The use of unmanned aircrafts for visible-infrared imagery acquisition and processing adapted to environmental characterization	
Shastri, Bhavin	Princeton University	Electrical Engineering		UNITED STATES/ ÉTATS-UNIS	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Optoelectronic circuits for the photonic neuron	
Shaw, John	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	02/17/2012	6	2,000,000	Industrial Research Chairs/ Professeurs-chercheurs industriels	NSERC Industrial Research Chair in Petroleum Thermodynamics	
Sheardown, Heather	McMaster University	Chemical Engineering	Ontario	CANADA	01/20/2012	1	125,000	Idea to Innovation/ De l'idée à l'innovation	Hyaluronic acid containing and releasing materials in contact lens applications	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Sheffer, Alla	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	33,220	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	User Driven Modeling of Detailed Shapes	
Sheikhzeinoddin, Tinoush	Process Research ORTECH Inc.	Head Office	Ontario	CANADA	03/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Design and modeling of a novel process for the recovery of titanium dioxide from ilmenite ores in mixed chloride media	
Shen, Xuemin (Sherman)	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	01/20/2012	3	360,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Reliable and privacy- preserving wireless body- area sensor networks for e- health monitoring	
Shoichet, Molly	University of Toronto	Chemical Engineering and Applied Chemistry	Ontario	CANADA	03/29/2012	1	117,272	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Confocal Microscope for Advanced Bioengineering Strategies	
Siciliano, Steven	University of Saskatchewan	Soil Science	Saskatchewan	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Mycoremediation of total petroleum hydrocarbons under oxygen limited conditions	
Siciliano, Steven	University of Saskatchewan	Soil Science	Saskatchewan	CANADA	03/26/2012	3	660,600		Northern biochar for northern restoration	
Silva, Carlos	Université de Montréal	Physique	Québec	CANADA	03/29/2012	1	149,771	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Probing polariton condensation dynamics by multiquantum coherent spectroscopy in organic optical microcavities	
Sirois, Luc	Université du Québec à Rimouski	Biologie, Chimie et Géographie	Québec	CANADA	01/20/2012	3	445,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Optimisation sylvicole de l'aménagement écosystémique des forêts en zone de transition tempérée- boréale de l'est du Canada	
Siwick, Bradley	McGill University	Physics	Québec	CANADA	03/29/2012	1	107,751	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Drive laser for dynamic transmission electron microscopy and diffraction	
Smith, Donald	McGill University	Plant Science	Québec	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Micronutrients for macro- yields: A new vehicle for crop stress management	
Smith, Donald	McGill University	Plant Science	Québec	CANADA	03/16/2012	6	#####	Networks of Centres of Excellence - Group/ Réseaux de centres d'excellence - groupe	BioFuelNet Canada Network	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Smith, Ian	University of New Brunswick	Forestry and Environmental Management, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Novel vacuum insulated panel technology for light-frame construction	
Smith, Steven	Queen's University	Biomedical and Molecular Sciences	Ontario	CANADA	03/29/2012	1	42,786	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Analytical Ultracentrifugation of Biomolecules and Macromolecular Complexes	
Snieckus, Victor	Queen's University	Chemistry	Ontario	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Pyrolopyradazines as a kinase pharmacophore	
Soleymani, Leyla	McMaster University	Engineering Physics	Ontario	CANADA	03/29/2012	1	110,500	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Liquid Flow Holder for In-Situ Transmission Electron Microscopy	
Sood, Vijay	University of Ontario Institute of Technology	Engineering and Applied Science, Faculty of	Ontario	CANADA	02/17/2012	5	25,000	Chairs in Design Engineering/ Chaires en génie de la conception	NSERC-OPG Chair in Innovative design engineering	
Soudagar, Yasaman	Genia Photonics Inc.	Head Office	Québec	CANADA	03/16/2012	3	60,143	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Tunable laser in the mid-infrared by difference frequency mixing	
Soudki, Khaled	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Feasibility of Osmos FOS to assess corrosion damage in RC structures	
Sousa, Elvino	University of Toronto	Electrical and Computer Engineering, Edward S. Rogers Sr. Department of	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Zigbee based connexall voice activated/notification system	
Spafford, David	University of Waterloo	Biology	Ontario	CANADA	03/29/2012	1	120,464	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Entry-level confocal microscope needed for 38 users in the Faculties of Science and Engineering at the University of Waterloo	
Spelt, Jan	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	03/29/2012	1	54,046	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Tribometer for Friction and Wear Measurement	
Spencer, Gaynor	Brock University	Biological Sciences	Ontario	CANADA	03/29/2012	1	26,904	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Purchase of a cryotome for studies of nerve regeneration and effects of temperature on growth.	
Stanley, Nancy	Brandon University	Education, Faculty of	Manitoba	CANADA	02/10/2012	3	60,000	PromoScience	Mini University - PromoScience@Mini U	
Steeves, Craig	University of Toronto	Aerospace Studies, Institute for	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Fatigue of nanocoated aluminum	

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Steeves, Geoffrey	University of Victoria	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	02/10/2012	3	39,900	PromoScience	StarAcers	
Steinberg, Adam	University of Toronto	Aerospace Studies, Institute for	Ontario	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Acquisition of a high-repetition-rate solid-state laser for multi-kHz laser diagnostics in engines	
Stephan, Douglas	University of Toronto	Chemistry	Ontario	CANADA	02/17/2012	3	294,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	New catalyst technologies for rubber and elastomeric polymers	
Stevens, Brett	Carleton University	Mathematics and Statistics, School of	Ontario	CANADA	03/29/2012	1	46,068	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Computing infrastructure for mathematics and statistics	
Stiharu, Ion	Concordia University	Mechanical and Industrial Engineering	Québec	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Reverse pulse optimization study for locomotive air filters	
St-Pierre, David	Université du Québec à Montréal	Kinanthropologie	Québec	CANADA	03/29/2012	1	112,538	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Metabolic cages and in vitro muscle test system	
Strickland, Donna	University of Waterloo	Physics and Astronomy	Ontario	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Testing of difference frequency generation in the mid-IR from dual wavelength synchronized laser systems	
Sun, Yu	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	03/29/2012	1	139,484	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	A Confocal Microscope for Intracellular Nuclear Mechanics	
Sundararaj, Uttandaraman	University of Calgary	Chemical and Petroleum Engineering	Alberta	CANADA	03/29/2012	1	149,934	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Laboratory Internal Batch Mixer for Development of Novel and Advanced Polymer Nanocomposites and Polymer Blends	
Suttle, Curtis	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	01/24/2012	1	70,059	Discovery Grants Program - Ship Time/ Programme de subventions à la découverte - temps navire	Roles and genetic diversity of viral communities in marine ecosystems	
Svishchev, Igor	Trent University	Chemistry	Ontario	CANADA	03/16/2012	4	320,000	NSERC/NRCan/AECL Generation IV Energy Technologies Program/ Programme des technologies énergétiques de quatrième génération CRSNG RNCan EACL	Water Chemistry, pH Control and Particle Formation Processes in a CANDU-SCWR	
Tabatabaei, Seyed Hesamoddin	Prolamina Corporation	Siège social	Québec	CANADA	01/20/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Development of flexible packaging	

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Take, William Andrew	Queen's University	Civil Engineering	Ontario	CANADA	03/29/2012	1	41,155	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	A high-speed imaging facility for Queen's University	
Tamayol, Ali	McGill University	Biomedical Engineering	Québec	CANADA	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Induced Charge Electrokinetic Flow in Microchannels	
Tamigneaux, Eric	Cégep de la Gaspésie et des Îles	École des pêches et de l'aquaculture du Québec	Québec	CANADA	03/16/2012	5	911,304	Industrial Research Chairs for Colleges Grants/ Subventions de chaire de recherche industrielle dans les collèges	Chaire de recherche industrielle dans les collèges du CRSNG en valorisation des macroalgues marines	
Tan, Lin	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Understanding trading system logs for software failure troubleshooting	
Tan, Zhuliang	Ocean Nutrition Canada Ltd	Head Office	Nova Scotia/ Nouvelle-Écosse	CANADA	02/17/2012	3	60,431	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Isolation of eicosapentaenoic acid and docosahexaenoic acid using novel enzymatic, selective inclusion and molecular imprinting methods	
Tang, Xiaowu (Shirley)	University of Waterloo	Chemistry	Ontario	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of CVD processes for the synthesis of carbon nanomaterials	
Tattersall, Glenn	Brock University	Biological Sciences	Ontario	CANADA	03/29/2012	1	74,891	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Infrared imaging and calorimetric system for assessment of thermal energetics	
Taube, Nadine	University of Calgary	Geoscience	Alberta	CANADA	02/09/2012	4	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Monitoring and Modelling of Water Quality in the Bow River	
Tavoularis, Stavros	University of Ottawa/ Université d'Ottawa	Mechanical Engineering	Ontario	CANADA	03/16/2012	4	320,000	NSERC/NRCan/AECL Generation IV Energy Technologies Program/ Programme des technologies énergétiques de quatrième génération CRSNG RNCan EACL	Experiments on heat transfer in rod-bundle flows as supercritical pressures	
Tayal, Aditya	University of Waterloo	Computer Science, David R. Cheriton School of	Ontario	CANADA	02/09/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Modelling stochastic and dynamic properties of high-frequency financial time-series using a machine learning approach	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Taylor, Philip	Acadia University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	03/16/2012	2	200,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Assessment of bird-human interactions at offshore installations	
Teskey, Cam	University of Calgary	Cell Biology and Anatomy	Alberta	CANADA	03/29/2012	1	123,886	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	In Vitro Electrophysiological Analysis of Motor Cortex	
Thewalt, Michael	Simon Fraser University	Physics	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	133,579	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	GigaHertz arbitrary waveform generator for research in silicon-based quantum information	
Thodi, Premkumar	INTECSEA Canada	Head Office	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	01/20/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Asset integrity of subsea equipment for Arctic and cold region hydrocarbon production	
Thompson, Michael	McMaster University	Chemical Engineering	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Preparation of sub-micron carbon black fillers for urethane foam	
Thompson, Michael	McMaster University	Chemical Engineering	Ontario	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Infrared Microscopy Characterization Tools for Soft Matter Materials	
Thompson, Shanley	University of Victoria	Geography	British Columbia/ Colombie-Britannique	CANADA	01/12/2012	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Modelling Biodiversity's Response to Climate Change in British Columbia	
Tillo, Desiree C	The Weizmann Institute of Science	Head Office		ISRAEL/ ISRAËL	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Testing and improving quantitative models of transcriptional regulation	
Tofigh Rayhani, Mohammad	Carleton University	Civil and Environmental Engineering	Ontario	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Hydration and shrinkage of geosynthetic clay liners for landfill applications	
Traore, Issa	University of Victoria	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Identity management for portable electronic personal health record	
Treanor, Bebhinn	University of Toronto	Biological Sciences (Scarborough)	Ontario	CANADA	03/29/2012	1	142,059	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Biological Irradiator	
Tremaine, Peter	University of Guelph	Chemistry and Biochemistry	Ontario	CANADA	03/16/2012	4	200,000	NSERC/NRCan/AECL Generation IV Energy Technologies Program/ Programme des technologies énergétiques de quatrième génération CRSNG RNCan EAEL	Aqueous Chemistry of Fission Products under Supercritical Water Reactor Coolant Conditions	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Tremaine, Peter	University of Guelph	Chemistry and Biochemistry	Ontario	CANADA	03/16/2012	4	320,000	NSERC/NRCan/AECL Generation IV Energy Technologies Program/ Programme des technologies énergétiques de quatrième génération CRSNG RNCan EACL	Aqueous Chemistry of Metals under Supercritical Water Reactor Coolant Conditions	
Tremblay, Francine	Université du Québec en Abitibi-Témiscamingue	Sciences appliquées	Québec	CANADA	03/16/2012	3	117,480	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Changements globaux et dynamique des peuplements fragmentés des écosystèmes boréaux	
Tremblay, Rejean	Université du Québec à Rimouski	Sciences de la mer de Rimouski, Institut des	Québec	CANADA	03/29/2012	1	118,632	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	"Système d'imagerie, de sclérochronologie et d'analyses morphologique"	
Trivedi, Japan	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	03/29/2012	1	78,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Sonic MultiPhase Separator and Multiphase Back Pressure Regulator for Supercritical Fluidic EOR-Sequestration Unit	
Truelstrup Hansen, Lisbeth	Dalhousie University	Process Engineering and Applied Science	Nova Scotia/ Nouvelle-Écosse	CANADA	03/29/2012	1	35,825	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	"Q-PCR system, small volume UV-VIS spectrophotometer and transilluminator for molecular and chemical analyses of food, biomaterials, water and microorganisms"	
Uchtenhagen, Steven	Lakehead University	Biology	Ontario	CANADA	03/21/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Assessing Water Quality of Mine-Impacted Meromictic Lakes	
Unsworth, Larry	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	03/29/2012	1	86,288	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	"Fluorescence lifetime imaging and fluorescence polarization for elucidation of molecular level events: peptide self-assembly, NP disassembly in cells, and phage binding."	
Urquiza, José	Université Laval	Mathématiques et statistique	Québec	CANADA	03/16/2012	5	356,636	Industrial Research Chairs/ Professeurs-chercheurs industriels	Chaire de recherche industrielle CRSNG en calcul scientifique de haute performance	
Vandenbossche, Jamie	Camosun College	Head Office	British Columbia/ Colombie-Britannique	CANADA	03/16/2012	1	25,000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Design and Development of Ruggedized Housing for Electronic Test Equipment	

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VanderBurgh, Ian	University of Waterloo	Education in Mathematics and Computing, Centre for Civil Engineering	Ontario	CANADA	02/10/2012	3	60,000	PromoScience	Face-to-face and web based math and computer science programs	
Vecchio, Frank	University of Toronto		Ontario	CANADA	03/29/2012	1	25,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Upgrade of Hydraulic Components of Panel Element Tester	
Vederas, John	University of Alberta	Chemistry	Alberta	CANADA	03/29/2012	1	117,752	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	High performance centrifuges with rotors	
Veneris, Andreas	University of Toronto	Electrical and Computer Engineering, Edward S. Rogers Sr. Department of	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	FPGA Functional Debug and Verification	
Ventura-Giroux, Célia	Université Laval	foresterie, de géographie et de géomatique, Faculté de	Québec	CANADA	03/21/2012	4	27,000	Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat	L'évolution du pin blanc (Pinus strobus L.) et du chêne rouge (Quercus rubra L.) dans le paysage forestier de l'Outaouais	
Vertegaal, Roel	Queen's University	Computing, School of	Ontario	CANADA	03/29/2012	1	39,621	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Development of Organic User Interfaces for Three Dimensional Display Surfaces	
Vigouroux, Nathalie	Alterra Power Corp	Head Office	British Columbia/ Colombie-Britannique	CANADA	01/20/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Characterizing the depths to magmatic and hydrothermal systems using surface and subsurface gas chemistry	
Vincent, Pascal	Université de Montréal	Informatique et recherche opérationnelle	Québec	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Traquer le budget d'une campagne publicitaire internet avec mises adaptatives	
Vlad Cristea, Mirela Simona	FPIinnovations	Forintek Division	Québec	CANADA	03/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Valorisation de cellulose nanocristalline (CNC) comme pigment à effet dans les revêtements pour le bois	
Vu-Khanh, Toan	École de technologie supérieure	Génie mécanique	Québec	CANADA	03/16/2012	3	429,501	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	3D Textile Carbon Fibre Preforms	
Wallace, Douglas	Dalhousie University	Oceanography	Nova Scotia/ Nouvelle-Écosse	CANADA	03/16/2012	5	#####	Networks of Centres of Excellence - Group/ Réseaux de centres d'excellence - groupe	Marine Environmental Observation, Prediction and Response (MEOPAR)	
Walzak, Timothy	Camosun College	Head Office	British Columbia/ Colombie-Britannique	CANADA	03/16/2012	6	1,750,000	Technology Access Centre/ Centre d'accès à la technologie	Island Technology Access Centre	

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Wanderley, Marcelo	McGill University	Music Research	Québec	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Emotional-imaging composer	
Wanderley, Marcelo	McGill University	Music Research	Québec	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Tactile and force-feedback for 3D drawing	
Wang, Gaofeng	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	01/20/2012	3	145,420	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Automatic assembly plan optimization with both location and sequence variables	
Wang, Xingming	Raytheon Canada Ltd	Waterloo Office	Ontario	CANADA	01/20/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	An investigation into the applicability of a cognitive architecture for high frequency surface wave radar	
Wang, Zhou	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	02/17/2012	1	124,000	Idea to Innovation/ De l'idée à l'innovation	Prototype perceptual video encoder development based on structural similarity quality criterion	
Ward, Hillary	University of Calgary	Biological Sciences	Alberta	CANADA	02/09/2012	4	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Understanding Trade-Offs in Harvest and Angler Dynamics for Small Lake Rainbow Trout Fisheries in BC	
Warkentin, Andrew	Dalhousie University	Mechanical Engineering	Nova Scotia/ Nouvelle-Écosse	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Automated Shot Peening	
Wartak, Marek	Wilfrid Laurier University	Physics and Computer Science	Ontario	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Dynamical processes in quantum dots based solar cells	
Wasteneys, Geoffrey	University of British Columbia	Botany	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	135,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Multi-laser Total Internal Reflection Fluorescence Microscopy	
Waters, Kristian	McGill University	Mining & Materials Engineering.	Québec	CANADA	03/16/2012	3	226,661	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Colloidal solvent extraction	
Watt, Stephen	The University of Western Ontario	Computer Science	Ontario	CANADA	03/26/2012	2	499,968		Advanced financial market simulation based on intelligent agents and cloud technology	
Weadge, Joel	Wilfrid Laurier University	Biology	Ontario	CANADA	03/29/2012	1	45,872	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Crystallization Suite for the Structure Determination of Bacterial Cellulose Biosynthetic Proteins	

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Weck, Arnaud	University of Ottawa/ Université d'Ottawa	Mechanical Engineering	Ontario	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	"Femtosecond laser for laser-matter interactions, mechanical properties, reactive materials, photonic devices, cell and tissue imaging , biofluidics and biocompatibility"	
Wee, Kathleen	University of British Columbia	Pediatrics	British Columbia/ Colombie-Britannique	CANADA	01/12/2012	4	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Deciphering the Fundamental Differences of the Innate Immune System of Nenoates in Comparison to Adults	
Weiler, Hope	McGill University	Dietetics and Human Nutrition, School of	Québec	CANADA	03/16/2012	2	100,111	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Biological importance of C-3 alpha epimer of 25-hydroxy vitamin D regarding bone mineral density in young and adult rats	
Welch, Kenneth	University of Toronto	Biological Sciences (Scarborough)	Ontario	CANADA	03/29/2012	1	107,891	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Environmental chamber for studies on wild-caught mammals and birds	
White, Mary Anne	Dalhousie University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	03/29/2012	1	141,441	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Raman Spectrometer	
Whitehead, Lorne	University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	49,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Visual perception test apparatus with programmable spectral irradiance distribution	
Whitfield, Colin	University of Saskatchewan	Geography & Planning	Saskatchewan	CANADA	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Assessing ecosystem acidification in northern Saskatchewan using dynamic models	
Wieczorek, Michal	McGill University	Biology	Québec	CANADA	03/21/2012	4	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	The mechanism of microtubule-polymerizing kinesins	
Wilcox, Laurie	York University	Psychology	Ontario	CANADA	03/29/2012	1	39,209	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Apparatus for assessment of natural stereoscopic vision	
Wild, Peter	University of Victoria	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	02/17/2012	5	1,006,000	Chairs in Design Engineering/ Chaires en génie de la conception	NSERC Chair in Sustainable Energy Systems Design	

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Willerth, Stephanie	University of Victoria	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Engineering reproducible neural tissue from embryonic and induced pluripotent stem cells	
Williams, Vance	Simon Fraser University	Chemistry	British Columbia/ Colombie-Britannique	CANADA	03/29/2012	1	147,625	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	"X-ray diffractometer upgrade to provide high sensitivity, small angle, and variable temperature capabilities"	
Womelsdorf, Thilo	York University	Biology	Ontario	CANADA	03/29/2012	1	60,750	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Measuring functional networks of multiple brain cells with a fine-scale triade electrode system during higher attentional task performance	
Wong, William	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Printing for Integration of Biological and Electronic Materials and Devices	
Wood, Michael	P&P Optica	Head Office	Ontario	CANADA	02/17/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Chemometric calibration for reagent-free infrared spectroscopic blood analysis	
Woodcock, Kathryn	Ryerson University	Occupational & Public Health, School of	Ontario	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Mixed reality immersive motion simulator facility	
Worm, Boris	Dalhousie University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	01/20/2012	2	250,000	EWR Steacie Fellowships/ EWR Steacie	Research Grant for 2011 EWR Steacie Memorial Fellowship Successful Candidate	
Worswick, Michael	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	03/16/2012	3	605,886	Automotive Partnership Canada Project/ Partenariat automobile du Canada	Tailored hot stamping and crash response of boron steels	
Wren, Jungsook	The University of Western Ontario	Chemistry	Ontario	CANADA	03/16/2012	4	320,000	NSERC/NRCan/AECL Generation IV Energy Technologies Program/ Programme des technologies énergétiques de quatrième génération CRSNG RNCan EACL	The Canadian National Program on Generation IV Energy Technologies: Effects of radiolysis on materials degradation under sub- and supercritical water conditions	
Wright, Harrison	Université Laval	Sciences des aliments et de nutrition	Québec	CANADA	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Expanding our understanding of low-oxygen stress using fluorescence technology	

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Wright, John	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Characterization of the thermal resistance of roxul Insulation products: Guarded Heater Plate measurements with Various Levels of Relative Humidity and Moisture Content	
Wruth, Shane	University of Manitoba	Civil Engineering	Manitoba	CANADA	03/08/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Incorporation of Non-Stationary Landcover into WATFLOOD Climate Change Scenarios	
Wu, Bin	Ryerson University	Electrical and Computer Engineering	Ontario	CANADA	03/16/2012	3	104,800	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Control and Interface for Urban Clean Energy Microgrid	
Wu, Christine	University of Manitoba	Mechanical and Manufacturing Engineering	Manitoba	CANADA	03/30/2012	1	148,421	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Fully Instrumented Treadmill for Characterizing Stability of Energy-Efficient Bipedal Walking	
Wu, Jianhong	York University	Mathematics and Statistics	Ontario	CANADA	03/29/2012	1	25,636	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Facility for Interdisciplinary Research in Industrial and Applied Mathematics	
Wybenga, Brent	McMaster University	Civil Engineering	Ontario	CANADA	02/09/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Capacity Quantification of Heritage Building Walls Against Blast	
Xu, Chang-qing	McMaster University	Engineering Physics	Ontario	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of new light sources for diabetic foot ulcer treatment	
Xu, Chang-qing	McMaster University	Engineering Physics	Ontario	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of compact efficient LED arrays coupling systems for security surveillance	
Xu, Zhenghe	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	03/29/2012	1	91,730	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	SurPASS streaming potential measurement	
Yahia, Ammar	Université de Sherbrooke	Génie civil	Québec	CANADA	03/29/2012	1	34,015	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Analyseur du réseau d'air dans le béton plastique (Air Void Analyzer)	

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Yahyaoui, Wafaa	New World Laboratories Inc	Head Office	Québec	CANADA	03/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Development of screening assays / methods for generating & characterizing multipotent stem cells	
Yan, Ning	University of Toronto	Forestry, Faculty of	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Application of bark extractives in melamine-formaldehyde (MF) and urea-formaldehyde (UF) impregnation resin systems	
Yang, Daoyong	University of Regina	Engineering, Faculty of	Saskatchewan	CANADA	02/17/2012	3	170,466	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Utilization of solvent-assisted CO ₂ + water for enhancing oil recovery in thin heavy oil reservoirs	
Yang, Jun	The University of Western Ontario	Mechanical and Materials Engineering	Ontario	CANADA	03/29/2012	1	36,708	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Development of Controlled Environments for Printing Microfabrication Process of Low-cost Biochips for multiple and parallel blood analyses	
Yang, Qiaoqin	University of Saskatchewan	Mechanical Engineering	Saskatchewan	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	An Ion Source and A Universal Micro/Nano Mechanical Tester Platform for Synthesis and Characterization of Nanostructured Surface Coatings	
Yang, Victor	Ryerson University	Electrical and Computer Engineering	Ontario	CANADA	01/20/2012	1	124,399	Idea to Innovation/ De l'idée à l'innovation	"Real Space" navigation - 3D topographical imaging for spinal surgery guidance	
Yao, Shengji	University of New Brunswick	Mechanical Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Design and analysis of a high pressure cell for thermal conductivity measurement	
Yaras, Metin	Carleton University	Mechanical & Aerospace Engineering	Ontario	CANADA	03/16/2012	4	320,000	NSERC/NRCan/AECL Generation IV Energy Technologies Program/ Programme des technologies énergétiques de quatrième génération CRSNG RNCan EAEL	SCWR - Characterization and Modelling of Heat Transfer and Pressure Loss in Vertical-Flow Bundle Subassemblies	

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Yazdani, Amirmaser	Ryerson University	Electrical and Computer Engineering	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Micro Hydroelectric Generators-Electrical/Generator Optimization	
Ye, Qiang	University of Prince Edward Island	Computer Science and Information Technology	Prince Edward Island/ Île-du-Prince-Édouard	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Data and video capture on mobile devices	
Ye, Qiang	University of Prince Edward Island	Computer Science and Information Technology	Prince Edward Island/ Île-du-Prince-Édouard	CANADA	02/17/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	An RFID-based Mobility Tracking System	
Yeung, Charles	Harvard University	Chemistry & Chemical Biology		UNITED STATES/ ÉTATS-UNIS	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Inventing New Ways to Use CO2: Sustainable Technologies by Anion Binding Catalysis	
Yoshioka, Yohsuke	University of Waterloo	Psychology	Ontario	CANADA	03/08/2012	1	40,000	JSPS Researcher Exchange Program/ Programme d'échange de la SJPS pour chercheur japonais	Development of virtual-reality system for highlighting dynamic functions of central vision and peripheral vision in active spatial behaviors	
Yousif, Hamad	University of Waterloo	Geography and Environmental Management	Ontario	CANADA	02/09/2012	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Efficient Bridges Inspection using Terrestrial LiDAR	Mobile Mapping Systems
Yu, Hui	University of New Brunswick	Chemical Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	01/04/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Graphene-Biosurfactant-Microorganism "Incubator" (GBMI) for Bioremediation of Petroleum Pollutants	
Yu, Peiqiang	University of Saskatchewan	Animal and Poultry Science	Saskatchewan	CANADA	01/20/2012	4	158,700	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Quantify protein structure and subfractions in canola seed and canola meal in relation to nutrient availability in animals	
Yuan, Fei	Ryerson University	Electrical and Computer Engineering	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of Radio-Frequency Front-End of Wireless Personal Health Record (pHR) Cards	
Yuan, Fei	Ryerson University	Electrical and Computer Engineering	Ontario	CANADA	02/17/2012	3	90,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Charge-Domain filtering and digitization techniques for reconfigurable radio-frequency transceivers	

NSERC Grants and Scholarships
From 01/01/2012 To 03/31/2012

Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Zahavich, Alex	Southern Alberta Institute of Technology	Applied Research and Innovation Services	Alberta	CANADA	03/16/2012	1	25,000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Real Time Animal Movement	
Zahavich, Alex	Southern Alberta Institute of Technology	Applied Research and Innovation Services	Alberta	CANADA	02/01/2012	1	25,000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Ultra Micro-bubble SAR Optimization Study	
Zahavich, Alex	Southern Alberta Institute of Technology	Applied Research and Innovation Services	Alberta	CANADA	03/16/2012	5	1,000,000	Industrial Research Chairs for Colleges Grants/ Subventions de chaire de recherche industrielle dans les collèges	Industrial Research Chair for sports and wellness engineering technology	
Zanette, Liana	The University of Western Ontario	Biology	Ontario	CANADA	03/29/2012	1	89,365	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	"Very large outdoor aviaries for conducting critical experiments on inter-seasonal and inter-generational effects on avian physiology, neurobiology, behaviour and ecology"	
Zaremba, Marek	Université du Québec en Outaouais	Informatique et d'ingénierie	Québec	CANADA	01/20/2012	1	121,226	Idea to Innovation/ De l'idée à l'innovation	Attentive Vision Technology for object detection in multimodal spatiotemporal imagery	
Zechel, David	Queen's University	Chemistry	Ontario	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	HPLC-DAD-MS system	
Zelek, John	University of Waterloo	Systems Design Engineering	Ontario	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Automatically producing video analytics for harness racing	
Zemp, Roger	University of Alberta	Engineering, Faculty of	Alberta	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Channel-Domain Ultrasound Array System for Multidisciplinary Research	
Zemp, Roger	University of Alberta	Engineering, Faculty of	Alberta	CANADA	03/29/2012	1	150,000	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Realtime Nonlinear Optical-Resolution Photoacoustic Imaging using Novel Fiber-Laser Technology	
Zeng, Yong	Concordia University	Concordia Institute for Information Systems Engineering (CIISE)	Québec	CANADA	03/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Risk management in staffing supply chain management	
Zhang, Xiao-Ping	Ryerson University	Electrical and Computer Engineering	Ontario	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Advanced information extraction from InSAR	

**NSERC Grants and Scholarships
From 01/01/2012 To 03/31/2012**

Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Zhao, Yue	Université de Sherbrooke	Chimie	Québec	CANADA	03/29/2012	1	99,255	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	A Sample Purification and Preparation System for Materials Research / Un système de purification et de préparation d'échantillons pour la recherche sur des matériaux	
Zhou, Dequan	University of Calgary	Geomatics Engineering	Alberta	CANADA	02/09/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Fast Mobile Route Planning for Field Work	
Zurob, Hatem	McMaster University	Materials Science and Engineering	Ontario	CANADA	01/20/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Hydrogen embrittlement in landing gear alloy 300M	
Zurob, Hatem	McMaster University	Materials Science and Engineering	Ontario	CANADA	03/29/2012	1	58,875	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	Micro-Hardness Tester with an Image Capture and Analysis Software and Hardware	