

**NSERC Grants and Scholarships
From 10/01/2012 To 12/31/2012**

Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Abazari, Alireza	Harvard Medical School	Surgery		UNITED STATES/ ÉTATS-UNIS	10/24/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Studying Anhydrous/Cryo- preservation kinetics of mammalian cells for applications in biosensors and biobanking	
Ackert, Jason	McMaster University	Engineering Physics	Ontario	CANADA	11/15/2012	2	70,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Defect engineering of photonic devices for integrated optical interconnects	
Adams, Carlisle	University of Ottawa/ Université d'Ottawa	Engineering, Faculty of	Ontario	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Biometric key generation for PKI application environments	
Affar, El Bachir	Université de Montréal	Médecine	Québec	CANADA	11/16/2012	1	73,239	Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1	A general utility centrifugation apparatus for cellular and macromolecular studies	
Ahmed, Mohamed Hossam	Memorial University of Newfoundland	Engineering and Applied Science, Faculty of	Newfoundland and Labrador/ Terre-Neuve-et- Labrador	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Object Monitoring Using Wireless Communication	
Ahn, Taesang	exp Services Inc.	Brampton (Clark Blvd)	Ontario	CANADA	10/19/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Comprehensive studies of rock swelling behaviour for the design of tunnel linings	
Alfantazi, Akram	University of British Columbia	Materials Engineering	British Columbia/ Colombie-Britannique	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Measurement of corrosion rate of reinforced concrete structures	
Allison, Robert	York University	Computer Science and Engineering	Ontario	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Solving stereoscopic camera calibration from markers based on camera intrinsics	
Ameli, Aboutaleb	University of Ontario Institute of Technology	Head Office	Ontario	CANADA	10/03/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Measurement and modeling of mixed-mode interfacial fracture toughness of wafer- level bonds	
Anderson, James	Beijing University/Peking University	Chemistry		CHINA/ CHINE	11/07/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Predicting the Reactivity of Molecules Containing Heavy Nuclei: New Tools for Computing the Effects of Relativity on the Reactivity of Atomic Sites	

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Aranda Saldaña, Marleny Doris	University of Alberta	Agricultural, Food and Nutritional Science	Alberta	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Coating polymer filaments with silver using supercritical carbon dioxide	
Armenta Barrera, Roberto	Simon Fraser University	Mathematics	British Columbia/ Colombie-Britannique	CANADA	10/10/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Innovative Numerical Techniques for Modelling Microwave and Photonic Devices	
Asif, Amir	York University	Computer Science and Engineering	Ontario	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Beamforming and Compressive Sensing Based Diagnostic Ultrasound Imaging	
Asselin, Edouard	University of British Columbia	Materials Engineering	British Columbia/ Colombie-Britannique	CANADA	11/16/2012	4	240,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Iron control in medium temperature sulphide concentrate leaching	
Atalla, Nouredine	Université de Sherbrooke	Génie mécanique	Québec	CANADA	10/19/2012	3	345,000	Strategic Projects/ Projets stratégiques	Adaptive metaComposites: modeling, prototyping, manufacturing and reliability for vibroacoustics	
Au, Hilda	University of British Columbia	Biochemistry and Molecular Biology	British Columbia/ Colombie-Britannique	CANADA	11/15/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Assessing the heterogeneity of ribosomes under Cricket paralysis virus infection	
Aucoin, Marc	University of Waterloo	Chemical Engineering	Ontario	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Investigation of ultraviolet light effects on animal cell culture media and ultraviolet light potential in biopharma processes	
Auger, Meagan	University of British Columbia	Neurology Division	British Columbia/ Colombie-Britannique	CANADA	12/13/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	The role of the UNC5C netrin-1 receptor in the organization and function of the mesocorticolimbic dopamine system	
Badawy, Ghada	Research in Motion Limited	Head Office	Ontario	CANADA	11/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	On wireless peer to peer networks	
Bahrami, Majid	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Interfacial transport properties of polymer electrolyte membrane fuel cells porous materials	

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Banthia, Nengkumar	University of British Columbia	Civil Engineering	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	4	450,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Development of sustainable masonry rehabilitation technology (SMART) using eco-friendly ductile cementitious composites (EDCC)	
Banville, Vincent	Université Laval	Sciences des aliments et de nutrition	Québec	CANADA	10/11/2012	4	27,000	Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat	Contribution à la compréhension des facteurs compositionnels et technologiques déterminant les propriétés du fromage mozzarella	
Barati, Mansoor	University of Toronto	Materials Science and Engineering	Ontario	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Characterization of ladle fluxes for refining of pipeline steel	
Barbuta, Costel	FPInnovations	Forintek Division	Québec	CANADA	10/19/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	L'OSB de spécialité comme composant de lames de plancher d'ingénierie et de poutrelles en I	
Barralet, Jake	McGill University	Dentistry, Faculty of	Québec	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Electrochemical carbonic anhydrase immobilisation	
Barry, Mark	Pro-Oceanus Systems Incorporated	Head Office	Nova Scotia/ Nouvelle-Écosse	CANADA	12/14/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	The next generation of submersible CO2 instruments: developing the expendable sensor	
Basu, Anup	University of Alberta	Computing Science	Alberta	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Visualization interface for computer assisted surgical training	
Bayat, Alireza	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	10/19/2012	4	472,800	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Risk assessment and mitigation development for HDD construction	
Beaudoin, Georges	Université Laval	Sciences et génie, faculté des	Québec	CANADA	10/19/2012	5	565,175	Industrial Research Chairs/ Professeurs-chercheurs industriels	NSERC/Agnico-Eagle Industrial Research Chair in Mineral Exploration	
Bein, Alexander Magnus	McGill University	Biology	Québec	CANADA	11/15/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Biotic drivers of ecosystem sustainability in the face of environmental, community, and evolutionary instabilities	

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Bender, Timothy	University of Toronto	Chemical Engineering and Applied Chemistry	Ontario	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Establishing an operational window for the vacuum deposition of high molecular mass optoelectronic molecules	
Benkel, Bernhard	Dalhousie University	Plant and Animal Sciences (Faculty of Agriculture)	Nova Scotia/ Nouvelle-Écosse	CANADA	11/16/2012	2	47,435	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Identification of the cell surface receptor for the aleutian disease parvovirus	
Berezovski, Maxim	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	The use of aptamers to measure serum thyroglobulin in the presence of autoantibodies	
Bergstrom, Donald	University of Saskatchewan	Mechanical Engineering	Saskatchewan	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Computational modeling of the dust cloud created by the discharge of a planter vacuum fan	
Bernatchez, Louis	Université Laval	Biologie	Québec	CANADA	10/19/2012	3	524,490	Strategic Projects/ Projets stratégiques	Enjeux génomiques, écologiques et socio-économiques des ensemencements et de l'exploitation du touladi par la nêche	
Bernhardt, Joanna	University of British Columbia	Zoology	British Columbia/ Colombie-Britannique	CANADA	10/11/2012	3	150,000	Vanier Canada Graduate Scholarships - Doctoral/ Bourses d'études supérieures du Canada Vanier - Doctorat	Can ocean 'cold spots' enhance resilience to climate change?	
Berryman, Eleanor	Technische Universitat Berlin	Head Office		GERMANY/ ALLEMAGNE	11/21/2012	4	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Fluid-rock interactions in subduction zones	
Bi, Xiaotao	University of British Columbia	Chemical and Biological Engineering	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	3	472,500	Strategic Projects/ Projets stratégiques	JST/ Drying and torrefaction of biomass in fluidized beds with energy recovery and self-heat recuperation	
Bi, Xiaotao	University of British Columbia	Chemical and Biological Engineering	British Columbia/ Colombie-Britannique	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of de-alloyed core-shell structured Pt-M (M=Cu, Ni, Co) catalysts for PEM fuel cells	
Biglar Begian, Mohammad	University of Guelph	Engineering, School of	Ontario	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Novel solutions for efficient motion control of mechatronics systems	

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Binyamini, Gal	University of Toronto	Mathematics (St. George Campus)	Ontario	CANADA	10/11/2012	2	140,000	Banting Postdoctoral Fellowships/ Bourses Postdoctorales Banting	Effective methods in the study of differential equations and dynamical systems, with an emphasis on the Hilbert sixteenth problem and related subjects	
Bisanz, Jordan	The University of Western Ontario	Microbiology and Immunology	Ontario	CANADA	11/15/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Comparative genomics to identify the mechanisms through which lactic acid bacteria detoxify environmental compounds.	
Bizzotto, Dan	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Evaluating the use of carminic acid as an electrochemical beacon for use in nucleic acid electrochemical sensors	
Bizzotto, Dan	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Developing the methodology for an in-house Ni electroforming process for improved production quality and cost	
Blair, Cheryl	Thompson Rivers University	Natural Resource Sciences	British Columbia/ Colombie-Britannique	CANADA	11/15/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Low-elevation Pika Population Study in Reclaimed Areas at Highland Valley Copper Mine	
Blanchet, Catherine	Cégep de Thetford	Siège social	Québec	CANADA	12/14/2012	1	25,000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Stabilisation savons liquides à base d'argile	
Bock, Wojtek	Université du Québec en Outaouais	Informatique et d'ingénierie	Québec	CANADA	10/19/2012	3	594,000	Strategic Projects/ Projets stratégiques	Photonic sensing systems bases on a Lab-on-a-Fiber concept for specific cyanobacteria detection in water	
Bodorik, Peter	Dalhousie University	Computer Science, Faculty of	Nova Scotia/ Nouvelle-Écosse	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Scalable and Fault-tolerant Architecture for an In-house Ad Publishing Platform	

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Bolduc, Olivier	Cornell University	Biological and Environmental Engineering		UNITED STATES/ ÉTATS-UNIS	11/14/2012	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Development of Electrochemiluminescence (ECL) Microfluidic Biosensors for the Detection of RNA/DNA Sequences of Pathogenic Organisms Using Liposomes and Dendrimers	
Bolic, Miodrag	University of Ottawa/ Université d'Ottawa	Electrical Engineering and Computer Science , School of	Ontario	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Software acceleration on embedded GPUs	
Bongers, Amanda	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	10/11/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Intermolecular Iminocarbonylation of Alkenes towards the β -Amino Carbonyl Motif	
Boudoux, Caroline	École Polytechnique de Montréal	Génie physique	Québec	CANADA	10/19/2012	1	124,800	Idea to Innovation/ De l'idée à l'innovation	Multimodal endoscopy using novel double-clad fibre couplers	
Boudreau, Josée	Institut de recherche sur les zones côtières inc.	Head Office	New Brunswick/ Nouveau-Brunswick	CANADA	10/19/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Synthèse de nouveaux matériaux fonctionnels pour l'adsorption sélective de biphényles polychlorés dans l'huile de crevette	
Bourgault, Catherine	Université Laval	Génie civil et génie des eaux	Québec	CANADA	12/13/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Caractérisation des eaux usées et des boues issues des latrines conventionnelles retrouvées dans les pays en voie de développement dans une perspective d'optimisation des infrastructures.	
Bourihane, Ahcene	Cégep de l'Abitibi-Témiscamingue	Siège social	Québec	CANADA	11/16/2012	3	450,000	Applied Research and Development Grants - Level 3/ Subventions de recherche et développement appliquée - niveau 3	Biochar	
Boutaba, Raouf	University of Waterloo	Computer Science, David R. Cheriton School of	Ontario	CANADA	10/19/2012	3	389,814	Strategic Projects/ Projets stratégiques	pWeb: A distributed web hosting infrastructure	
Boyd, Peter	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	11/15/2012	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Design of nano-porous materials for CO2 capture.	

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Bradley, David	Bird Studies Canada/ Études d'Oiseaux Canada	Head Office	Ontario	CANADA	11/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Assessing phenotypic plasticity in relation to climate change in a long-distance migratory bird using 35 years of demographic data	
Brammer, Jeremy	McGill University	Natural Resource Sciences	Québec	CANADA	10/11/2012	2	70,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Community-based monitoring to identify multi-scale environmental determinants of muskrat abundance and nutrition and assess potential impacts of local climatic change.	
Brar, Satinder Kaur	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Phosphorus removal from industrial wastewater using high power phosphorus solubilizing microorganisms	
Brun del Re, Riccardo	Algonquin College of Applied Arts and Technology	Head Office	Ontario	CANADA	10/19/2012	1	25,000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Laser micromachining capabilities development	
Brun del Re, Riccardo	Algonquin College of Applied Arts and Technology	Head Office	Ontario	CANADA	10/19/2012	1	25,000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Integration of novel fibers in polarization maintaining fiber optical amplifiers	
Burns, Catherine	University of Waterloo	Systems Design Engineering	Ontario	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Designing user interfaces for engagement in home health technology	
Burt, Jennifer	Simon Fraser University	Resource and Environmental Management, School of	British Columbia/ Colombie-Britannique	CANADA	12/13/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Identifying mechanisms of early marine mortality in juvenile Pacific salmon	
Bussière, Bruno	Université du Québec en Abitibi-Témiscamingue	Sciences appliquées	Québec	CANADA	10/19/2012	4	305,600	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Facteurs d'influence sur la prédiction de la qualité des eaux de drainage de rejets miniers séquestreurs de carbone : cas du projet Dumont de la compagnie Royal Nickel Corporation	
Carenini, Giuseppe	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Improving decision-making and stakeholder engagement in waste water planning	

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Caron, Richard	University of Windsor	Mathematics and Statistics	Ontario	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Optimal distribution centre location	
Carriveau, Edward	University of Windsor	Civil and Environmental Engineering	Ontario	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Design feasibility study of an innovative solar chiller/heater for thermal management of greenhouse water supplies	
Cercone, Nick	York University	Computer Science and Engineering	Ontario	CANADA	10/19/2012	3	294,000	Strategic Projects/ Projets stratégiques	Enhanced identification and visualization of relevant social media content and free form text: Relationships, affect, information influence and diversity	
Chaker, Mohamed	Institut national de la recherche scientifique	Head Office	Québec	CANADA	10/19/2012	3	494,000	Strategic Projects/ Projets stratégiques	Millimeter-wave electro-optical waveguide modulators based on calcium-barium-niobate thin-film	
Champagne, Émilie	Université Laval	Biologie	Québec	CANADA	12/13/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Habitat d'été du caribou migrateur du Nord du Québec et du Labrador : caractérisation et influence du caribou sur ses ressources alimentaires	
Chan, Warren	University of Toronto	Biomaterials and Biomedical Engineering, Inst. of (IBBME)	Ontario	CANADA	12/14/2012	4	320,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Reduction on nanoparticle toxicity through polymeric shell coating	
Charpentier, Paul	The University of Western Ontario	Chemical and Biochemical Engineering	Ontario	CANADA	10/19/2012	3	503,700	Strategic Projects/ Projets stratégiques	Multi-layer solar harvesting nanofilms by roll-to-roll fabrication	
Chen, Han	Lakehead University	Forestry and the Forest Environment, Faculty of	Ontario	CANADA	10/19/2012	3	620,761	Strategic Projects/ Projets stratégiques	Biomass harvests in boreal forests: minimizing environmental impacts and maximizing benefits	

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Chen, Zhongwei	University of Waterloo	Chemical Engineering	Ontario	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Systematic study on properties of graphene produced from different graphene production techniques using graphite from Northern Graphite Corporation	
Cheriet, Mohamed	École de technologie supérieure	Génie de la production automatisée	Québec	CANADA	10/19/2012	3	810,874	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Green Sustainable Telco Cloud	
Chiao, Mu	University of British Columbia	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	3	386,500	Strategic Projects/ Projets stratégiques	Development of a microlens module with image stabilization for mobile applications	
Chibante, Luis	University of New Brunswick	Chemical Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Selective Optical Absorption by Nanoparticle Arrays	
Chodavarapu, Vamsy	McGill University	Electrical and Computer Engineering	Québec	CANADA	10/19/2012	3	437,250	Strategic Projects/ Projets stratégiques	Networked Fish: Integrated Acoustic Sensory Telemetry (AST) Tags for Water Monitoring	
Chou, C. Perry	University of Waterloo	Chemical Engineering	Ontario	CANADA	10/19/2012	3	486,000	Strategic Projects/ Projets stratégiques	Economical production of biobutanol through genetic engineering of Clostridium acetobutylicum for effective dissimilation of cheap feedstock	
Chou, C. Perry	University of Waterloo	Chemical Engineering	Ontario	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Genetic construction of novel microbial strains for the production of high-grade and high-molecular-weight hyaluronic acid	
Chow, Nancy	University of Manitoba	Geological Sciences	Manitoba	CANADA	11/16/2012	2	32,600	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Stratigraphy, sedimentology and resource potential of the upper devonian duperow formation, Southwestern Manitoba	

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Cloutier, Caylen	The University of Western Ontario	Psychology	Ontario	CANADA	11/15/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	The Effects of Lipopolysaccharide-Induced Immune System Stimulation on Memory Consolidation and Reconsolidation in the Animal Models of Anticipatory Nausea and Taste Aversion	
Cook, Ashley	University of Toronto	Physics (St. George Campus)	Ontario	CANADA	11/15/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Unpaired Majorana Fermions in Proximity-Coupled Topological Insulator Nanoribbons with Disorder	
Cooke, Steven	Carleton University	Biology	Ontario	CANADA	10/19/2012	3	335,373	Strategic Projects/ Projets stratégiques	Improving effectiveness of fish habitat restoration actions in Great Lakes coastal embayments: an integrated study of annual fish spatial ecology and limnology in Toronto Harbour	
Cote, Daniel	Université Laval	Physique, génie physique et optique	Québec	CANADA	12/14/2012	3	265,000	Collaborative Health Research Projects/ Projets de recherche concertée sur la santé	Optical guidance during neurosurgery for deep brain stimulation electrode implantation in the treatment of Parkinson's disease	
Couch, Marcus	Lakehead University	Engineering, Faculty of	Ontario	CANADA	11/15/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Functional imaging of the lungs using magnetic resonance imaging of inert fluorinated gases	
Couderc, François	Université Laval	Sciences du bois et de la forêt	Québec	CANADA	11/15/2012	4	27,000	Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat	Fertilité et nutrition des arbres en forêt boréale : implication des microorganismes du sol dans le cycle minéral	
Coulombe, Stéphane	École de technologie supérieure	Génie logiciel et des TI	Québec	CANADA	12/14/2012	4	541,851	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Novel video coding, transcoding and multicoding technologies applied to H.264 and HEVC	

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Crudden, Catherine	Queen's University	Chemistry	Ontario	CANADA	10/19/2012	3	270,000	Strategic Projects/ Projets stratégiques	Eliminating hazardous chemicals in key processes in the pharmaceutical sector	
Cunningham, Michael	Queen's University	Chemical Engineering	Ontario	CANADA	10/19/2012	3	329,820	Strategic Projects/ Projets stratégiques	Advanced polymer colloids from ring opening metathesis polymerization (ROMP) in water	
Dajani, Hilmi	University of Ottawa/ Université d'Ottawa	Electrical Engineering and Computer Science , School of Physics	Ontario	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Disposable self-hydrating electrode	
D'Anjou, Benjamin	McGill University	Physics	Québec	CANADA	12/13/2012	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Enhancing Spin Coherence in Nanoscale Systems.	
Dano, Marie-Laure	Université Laval	Génie mécanique	Québec	CANADA	12/14/2012	4	359,500	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Development of New Repair Technologies for Out-of Autoclave Aircraft Composite Components	
Das, Gautam	Lakehead University	Physics	Ontario	CANADA	12/14/2012	3	117,756	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Detection and quantification of nitrous oxide gas from agriculture fields	
Daun, Kyle	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of a direct contact heating apparatus for hot forming	
Davies, Julius	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	11/15/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	The Software Component Upgrade Problem	
Dehleh Hossein Zadeh, Parisa	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	11/15/2012	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Learning Scheme for Knowledge Discovery Engine	
Deluzio, Kevin	Queen's University	Mechanical and Materials Engineering	Ontario	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Statistical Models for Establishing a Control Data set for Biomechanical Gait Analysis	
Désilets, Martin	Université de Sherbrooke	Génie mécanique	Québec	CANADA	10/19/2012	4	138,500	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Simulation et diagnostic des pertes thermiques sur cuves d'électrolyse de l'aluminium	
Desrosiers, Christian	École de technologie supérieure	Génie logiciel et des TI	Québec	CANADA	12/14/2012	3	169,950	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Scalable pattern mining and analysis in real-time RFID data	

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Deutsch, Jared	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	12/13/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Multivariate Spatial Modelling of Metallurgic Rock Properties	
Dhirani, Al-Amin	University of Toronto	Chemistry (St. George Campus)	Ontario	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	UV pulsed laser machining of inconel, a hard metal, without deformation of work piece	
Di Ciano, Massimo	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	10/11/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Direct Chill Continuous Casting of Clad Aluminum Ingots	
Dimitrov, Stanko	University of Waterloo	Management Sciences	Ontario	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Distributed Manufacturing Scheduling	
Dixon, David	University of British Columbia	Materials Engineering	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	1	125,000	Idea to Innovation/ De l'idée à l'innovation	Magnesium removal from hydrometallurgical process solutions	
Dolatabadi, Ali	Concordia University	Mechanical and Industrial Engineering	Québec	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of carbon nanotube as sensing material for hazardous gas sensing applications using thermal spray process	
Dreisinger, David	University of British Columbia	Materials Engineering	British Columbia/ Colombie-Britannique	CANADA	11/16/2012	2	44,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	The inhibition of hydrogen formation during cementation of cobalt onto zinc	
Droguai, Allali Patrick	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Développement d'un procédé électro-photo-catalytique utilisant des photoanodes nanostructurées pour la déglycolisation des eaux industrielles	
Dubowski, Jan	Université de Sherbrooke	Génie électrique et génie informatique	Québec	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of a stable, uniform and faster laser marking process	
Duchesne, Paul	Dalhousie University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	11/15/2012	1	35,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Synthesis, Characterization, and Application of 3d/5d Bimetallic Nanoparticles	

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Duckham, Carolyn	University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	12/13/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Liming the Ocean to Combat Ocean Acidification: The Ecological Response in the Pacific Northwest. □	
Duever, Thomas	University of Waterloo	Chemical Engineering	Ontario	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Rheological modification of recycled polyethylene colour blends	
Duff, Sheldon	University of British Columbia	Chemical and Biological Engineering	British Columbia/ Colombie-Britannique	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Experimental investigation, simulation and techno-economic analysis of a bio-glycol production process from glycerol and non-food C5/C6 sugars	
Dumas, Maxime	École de technologie supérieure	Génie logiciel et des TI	Québec	CANADA	12/13/2012	4	27,000	Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat	Visualisation d'information appliquée à l'ingénierie financière	
Durall, Daniel	University of British Columbia	Okanagan - Biology	British Columbia/ Colombie-Britannique	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Yeast dynamics of Pinot Noir fermentations at CedarCreek Estate Winery	
Eberle, Wilson	University of British Columbia	Okanagan - Engineering, School of	British Columbia/ Colombie-Britannique	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Efficiency improvement techniques for industrial battery chargers	
Ebrahimian, Gholam Reza	CanAm Bioresearch Inc.	Head Office	Manitoba	CANADA	10/19/2012	3	60,958	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Development of novel VEGF inhibitors	
Edwards, Elizabeth	University of Toronto	Chemical Engineering and Applied Chemistry	Ontario	CANADA	10/19/2012	3	489,400	Strategic Projects/ Projets stratégiques	Expanding the ability to anaerobically digest pulp and paper mill waste	
El Khakani, My Ali	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Développement de cathodes froides à base de NTCs pour les sources d'électrons miniatures à haute brillance	
El Saddik, Abdulmoteleb	University of Ottawa/ Université d'Ottawa	Electrical Engineering and Computer Science , School of	Ontario	CANADA	10/19/2012	3	479,000	Strategic Projects/ Projets stratégiques	U-Biofeedback: A Ubiquitous Biofeedback System for Continuous and Long-Term Wellbeing	
Ellery, Alexander	Carleton University	Mechanical & Aerospace Engineering	Ontario	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Autonomous Rover Navigation	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Elliott, Robert	Telecommunications Research Laboratories	Head Office	Alberta	CANADA	12/14/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Efficient resource allocation algorithms for coordinated heterogeneous multiple-input multiple-output broadband cellular networks with perfect and imperfect channel knowledge	
Ellison, Michael	University of Alberta	Biochemistry	Alberta	CANADA	10/19/2012	1	125,000	Idea to Innovation/ De l'idée à l'innovation	Genomikon: a toolkit for rapid genetic construction	
Emslie, David	McMaster University	Chemistry & Chemical Biology	Ontario	CANADA	10/19/2012	3	329,968	Strategic Projects/ Projets stratégiques	High-temperature rare earth polymerization catalysts	
Erkorkmaz, Kaan	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Investigation of the impact of measurement quality and speed on the performance of precision motion control systems	
Farahmand, Amir Massoud	McGill University	Computer Science, School of	Québec	CANADA	10/17/2012	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Regularization-based Algorithms for Partially Observable Sequential Decision-Making Problems	
Farhadi, Shahram	Université du Québec à Chicoutimi	Sciences appliquées	Québec	CANADA	11/15/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Development of nanostructured coatings for protecting the surface of aluminium alloys (2024 and 6061) against corrosion and ice accretion	
Fawcett, Jonathan	Medical Research Council	Cognition and Brain Sciences Unit		UNITED KINGDOM/ ROYAUME-UNI	10/24/2012	3	90,000	Postdoctoral Fellowships/ Bourses postdoctorales	The functional properties and representational consequences of retrieval suppression	
Fedorova, Alexandra	Simon Fraser University	Computing Science, School of	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	3	71,325	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	GREEN-SOFT: Adaptive software runtime for energy-efficient multi-core computing	
Fedorova, Alexandra	Simon Fraser University	Computing Science, School of	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	3	441,928	Strategic Projects/ Projets stratégiques	GreenPhones: Energy-smart software for ubiquitous mobility	

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Fedosejevs, Robert	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	10/19/2012	3	447,150	Strategic Projects/ Projets stratégiques	Fusion energy - advanced ignition techniques and target fabrication	
Feszty, Daniel	Carleton University	Mechanical & Aerospace Engineering	Ontario	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Evaluation of vibration control concepts for moving camera platforms	
Fichtinger, Gabor	Queen's University	Computing, School of	Ontario	CANADA	10/19/2012	2	192,976	Idea to Innovation/ De l'idée à l'innovation	intraoperative registration of ultrasound dans fluoroscopy (iRUF)	
Finley, Thomas Dylan	University of Waterloo	Chemical Engineering	Ontario	CANADA	11/15/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Modeling Battery Degradation for Real World Driving Applications	
Forgues, Daniel	École de technologie supérieure	Génie de la construction	Québec	CANADA	12/14/2012	3	426,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Integration of BIM processes and technologies in a construction firm business model	
Fortin, Marie-Josée	University of Toronto	Ecology and Evolutionary Biology (St. George Campus)	Ontario	CANADA	10/19/2012	3	307,000	Strategic Projects/ Projets stratégiques	Optimizing future networks of marine protected areas in response to global change by combining genetic connectivity and biophysical models	
Foucher, Daniel	Ryerson University	Chemistry and Biology	Ontario	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	New Thermally Stable Antimicrobial for Plastics	
Fournier, Michel	Institut national de la recherche scientifique	INRS-Institut Armand-Frappier	Québec	CANADA	10/19/2012	3	690,366	Strategic Projects/ Projets stratégiques	ANR - Interaction between pollution and climate changes: development of improved monitoring strategy	
Fryer, Daniel	University of Toronto	Computer Science (St. George Campus)	Ontario	CANADA	11/15/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Guaranteeing File System Integrity at Runtime	
Fu, Liping	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	10/19/2012	1	123,250	Idea to Innovation/ De l'idée à l'innovation	Automated winter road surface condition monitoring system	
Fu, Liping	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development and evaluation of an adaptive traffic control system for urban networks based on video sensor data	

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Gagnon, Alexandre	Université du Québec à Montréal	Chimie	Québec	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of a medicinal chemistry route involving metal-catalyzed reactions for the synthesis of a small set of inhibitors of a selected biological target	
Gamal El-Din, Mohamed	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	12/14/2012	5	250,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Application of advanced oxidation processes for remediation and detoxification of oil sands tailings water	
Garousi, Vahid	University of Calgary	Electrical and Computer Engineering	Alberta	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Automated software testing of communication frameworks	
Gebotys, Catherine	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	11/16/2012	3	247,128	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Closing the gap in security of embedded devices: active attacks and countermeasures	
Ghali, Edward	Université Laval	Géologie et génie géologique	Québec	CANADA	10/19/2012	5	821,740	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Technologies électrochimiques novatrices pour améliorer les procédés de lixiviation et d'extraction par voie électrochimique	
Ghali, Mohamed Raouf	École Polytechnique de Montréal	Mathématiques et génie industriel	Québec	CANADA	12/13/2012	3	27,000	Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat	Une application du Web 2.0 pour l'aide à la création des synergies industrielles : analyse et implémentation d'une plateforme de média social	
Gharabaghi, Bahram	University of Guelph	Engineering, School of	Ontario	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Micro-hydro power design tool	
Ghohroodi Ghamsari, Behnood	University of Ottawa/ Université d'Ottawa	Electrical Engineering and Computer Science , School of	Ontario	CANADA	10/17/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Development of Graphene Plasmonic Devices for Advanced Photonic and Optoelectronic Applications	
Ghoshal, Subhasis	McGill University	Civil Engineering and Applied Mechanics	Québec	CANADA	10/19/2012	3	509,220	Strategic Projects/ Projets stratégiques	Environmental risks of engineered nanoparticles in municipal wastewater treatment plants: Toxicity, persistence and impacts on effluent quality	

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Gillen, Jenna	McMaster University	Kinesiology	Ontario	CANADA	10/11/2012	3	150,000	Vanier Canada Graduate Scholarships - Doctoral/ Bourses d'études supérieures du Canada Vanier - Doctorat	Cell signalling pathways regulating the skeletal muscle adaptive response to exercise: role of exercise intensity and nutritional manipulation	
Gilmore, Colin	Telecommunications Research Laboratories	Winnipeg Branch	Alberta	CANADA	11/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Advanced persistent threat detection with data mining algorithms	
Golnaraghi, Farid	Simon Fraser University	Mechatronic Systems Engineering	British Columbia/ Colombie-Britannique	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Controller design for a mobile polygeneration pyrolysis plant	
Gomis, Susantha	University of Saskatchewan	Western College of Veterinary Medicine	Saskatchewan	CANADA	11/16/2012	4	156,300	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Prevention of Inclusion Body Hepatitis (IBH) in the broiler Chicken Industry: Optimizing Two Prototype Fowl Adenoviral Vaccines	
Gomis, Susantha	University of Saskatchewan	Western College of Veterinary Medicine	Saskatchewan	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Identification of causative agents associated with condemned livers at the time of processing in the Fraser Valley region, British Columbia	
Good, Allen	University of Alberta	Biological Sciences	Alberta	CANADA	12/14/2012	4	540,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Developing novel genetic approaches to improving crop nitrogen use efficiency	
Gora, Stephanie	University of Toronto	Civil Engineering	Ontario	CANADA	11/15/2012	1	35,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Evaluation of organic removal and high-pressure membrane fouling in small scale drinking water treatment svstems	
Goudarzi, Nabi	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	10/11/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Structural Design of Polyurethane Masonry Units Sound Wall Systems	
Gravel, Dominique	Université du Québec à Rimouski	Biologie, Chimie et Géographie	Québec	CANADA	10/19/2012	3	641,500	Strategic Projects/ Projets stratégiques	Quantifying and mapping the impacts of climate change on the productivity of Eastern Canadian forests	

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Gray, Murray	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	10/19/2012	3	491,533	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Bitumen froth upgrading	
Grayston, Susan	University of British Columbia	Forest Sciences Centre	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	3	315,058	Strategic Projects/ Projets stratégiques	The potential of retention trees to mitigate post-harvest soil carbon loss through reduction of root and soil organic matter decomposition mediated by the fungal community	
Greenwood, Jennifer	University of British Columbia	Forestry, Faculty of	British Columbia/ Colombie-Britannique	CANADA	12/13/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Developing stable-hydrogen isotopes as a research tool for the conservation of North American raptors	
Grondin, Julie	Queen's University	Biomedical and Molecular Sciences	Ontario	CANADA	12/13/2012	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Structural and functional analysis of carbohydrate recognition by multi-modular glycoside hydrolases in Clostridium perfringens	
Gruninger, Michael	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Semantic integration of home services	
Guay, Daniel	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	10/19/2012	3	499,915	Strategic Projects/ Projets stratégiques	Développement de nouveaux senseurs pour la détection de l'ammoniac	
Guay-Paquet, Mathieu	Université du Québec à Montréal	Mathématiques	Québec	CANADA	10/17/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	The Jucys-Murphy isomorphism	
Guillot, Dominique	Stanford University	Statistics		UNITED STATES/ ÉTATS-UNIS	11/01/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Régularisation des matrices définies positives en haute dimension.	
Gulder, Omer	University of Toronto	Aerospace Studies, Institute for	Ontario	CANADA	10/19/2012	3	738,000	Strategic Projects/ Projets stratégiques	Environmental performance, sustainability and durability improvements in fuel-flexible combustors for stationary and motive engines	
Gurska, Jolanta	Stantec Consulting Ltd	Guelph Office	Alberta	CANADA	11/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Investigating bioavailability in phytoremediation of petroleum hydrocarbon-contaminated soils	

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Hall, Linda	University of Alberta	Agricultural, Food and Nutritional Science	Alberta	CANADA	11/16/2012	2	30,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Prevention of glyphosate resistant kochia scoparia in Western Canada	
Hall, Trevor	University of Ottawa/ Université d'Ottawa	Electrical Engineering and Computer Science , School of	Ontario	CANADA	10/19/2012	3	481,337	Strategic Projects/ Projets stratégiques	RF communications in the e-city (RF-Cité)	
Hamam, Habib	Université de Moncton	Génie électrique	New Brunswick/ Nouveau-Brunswick	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Système intelligent éliminant les gaz toxiques dans un édifice - Ajout de fonctions intelligentes aux produits Humidex	
Hamann, Andreas	University of Alberta	Renewable Resources	Alberta	CANADA	10/19/2012	3	313,500	Strategic Projects/ Projets stratégiques	Growth and survival of lodgepole pine genotypes under extreme climate events: risk assessment and climate change adaptation strategies	
Hamouda, Walaa	Concordia University	Electrical and Computer Engineering	Québec	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Realizing optical coherent receivers with high sensitivity using advanced modulation	
Hargan, Kathryn	Queen's University	Biology	Ontario	CANADA	10/11/2012	2	70,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Diatoms as indicators of environmental and climatic change in peatlands of northern Ontario. Canada	
Hassanein, Hossam	Queen's University	Computing, School of	Ontario	CANADA	10/19/2012	3	471,500	Strategic Projects/ Projets stratégiques	Engaging vehicles in ubiquitous service networks	
Hawboldt, Kelly Anne	Memorial University of Newfoundland	Engineering and Applied Science, Faculty of	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	11/16/2012	1	25,000	Partnership Workshops Program/ Programme d'ateliers de partenariat	Development of biopathways for the forestry industry in Newfoundland and Labrador	
Hawkins, Christopher	Yukon College	Science and Management, College of	Yukon Territory/ Territoire du Yukon	CANADA	12/14/2012	5	500,000	Industrial Research Chairs for Colleges Grants/ Subventions de chaire de recherche industrielle dans les collèges	NSERC industrial research chair in mining life cycles	
Hayes, Robert	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	10/19/2012	3	413,080	Strategic Projects/ Projets stratégiques	Engineering bimetallic catalysts for energy and environmental applications	
Her, Sohyoung	University of Toronto	Chemistry (St. George Campus)	Ontario	CANADA	10/11/2012	2	70,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Biomimetic direct aminoacylation of tRNA	

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Higgins, Melanie	University of Adelaide	Microbiology & Immunology		AUSTRALIA/ AUSTRALIE	11/07/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Structural Analysis of Type III Secretion System Effector Proteins from <i>Vibrio cholerae</i>	
Hinch, Scott	University of British Columbia	Forest Sciences Centre	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	3	624,300	Strategic Projects/ Projets stratégiques	Climate warming, pathogen expression, and capture locale: recent and emerging challenges for managing Pacific salmon fisheries	
Hoa, Van Suong	Concordia University	Mechanical and Industrial Engineering	Québec	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Investigating automated fibre placement manufacturing and thermoplastics for a mountain bike frame	
Holzman, Jonathan	University of British Columbia	Okanagan - Engineering, School of	British Columbia/ Colombie-Britannique	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Customized micro-optics for high numerical aperture collimation	
Hoorfar, Mina	University of British Columbia	Okanagan - Engineering, School of	British Columbia/ Colombie-Britannique	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of a Dielectrophoresis-based Lab-on-chip device for DNA purification	
Hope, David	Simon Fraser University	Biological Sciences	British Columbia/ Colombie-Britannique	CANADA	12/13/2012	4	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Testing hypotheses for population census declines of shorebirds in Canada	
Hore, Dennis	University of Victoria	Chemistry	British Columbia/ Colombie-Britannique	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Characterization of cadmium zinc telluride electro-optic materials	
Hoshizaki, Blaine	University of Ottawa/ Université d'Ottawa	Human Kinetics, School of	Ontario	CANADA	10/19/2012	3	188,314	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Innovative impact materials and engineered structures: injury prevention research in ice hockey helmets	
Hossain, Ekram	University of Manitoba	Electrical and Computer Engineering	Manitoba	CANADA	10/19/2012	3	456,000	Strategic Projects/ Projets stratégiques	Resource management in multi-tier cellular wireless networks enhanced with peer-to-peer communications	
Hosseini, Zahra	University of Calgary	Mechanical and Manufacturing Engineering	Alberta	CANADA	11/15/2012	1	35,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	The Dynamics of the Flows behind Bluff Bodies (Non-Aerodynamic Shapes) Mounted on a Flat Surface	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Hranilovic, Steve	McMaster University	Electrical and Computer Engineering	Ontario	CANADA	10/19/2012	3	452,005	Strategic Projects/ Projets stratégiques	Turn on the lights - visible light communications for indoor and vehicular networks	
Hsiang, Tom	University of Guelph	Environmental Sciences, School of	Ontario	CANADA	10/19/2012	3	195,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Defense activators as an alternative to pesticides for controlling turfgrass diseases	
Hubbell, David	University of Toronto	Civil Engineering	Ontario	CANADA	11/15/2012	4	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Development of a consistent approach to lateral movement of bridges due to bridge deck widening	
Iaconis, Jason	University of California - Santa Barbara	Physics		UNITED STATES/ ÉTATS-UNIS	10/03/2012	4	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Measuring Topological Entanglement Entropy with Quantum Monte Carlo	
Idem, Raphael	University of Regina	Engineering, Faculty of	Saskatchewan	CANADA	10/19/2012	3	418,500	Strategic Projects/ Projets stratégiques	Novel energy efficient, amine-based catalyst-aided method for capture of carbon dioxide from fossil fuel-based industrial exhaust gas streams	
Inkpen, Diana	University of Ottawa/ Université d'Ottawa	Electrical Engineering and Computer Science, School of	Ontario	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Automatic Risk Mining from Textual Search-and-Rescue Operator Reports	
Irani, Rishad	Rolls-Royce Canada Ltd	Naval Marine	Québec	CANADA	11/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Development of collaborative support technologies for unmanned surface vehicles	
Ito, Maki	University of Regina	Engineering, Faculty of	Saskatchewan	CANADA	10/11/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Physicochemical Interaction Framework for Mine Tailings Dewatering	
Jahazi, Mohammad	École de technologie supérieure	Génie mécanique	Québec	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Experimental surface and subsurface microstructure analysis of multimilled Incoloy901 turbine disc fir trees	
James, Greta	University of Waterloo	Psychology	Ontario	CANADA	12/13/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Cognitive Strategies in Binary Choice Tasks	

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Janabi-Sharifi, Farrokh	Ryerson University	Mechanical and Industrial Engineering	Ontario	CANADA	10/19/2012	3	213,220	Strategic Projects/ Projets stratégiques	Intelligent robotic system for automated shot peening and peen forming	
Japkowicz, Nathalie	University of Ottawa/ Université d'Ottawa	Electrical Engineering and Computer Science , School of	Ontario	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Track correlation and association using GMTI/AIS/ARPA	
Jiang, Xuan	Ocean Nutrition Canada Ltd	Head Office	Nova Scotia/ Nouvelle-Écosse	CANADA	12/14/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Integration of fermentation and extraction processes to improve recovery of high-value microbial oil	
Johansen, Craig	University of Calgary	Mechanical and Manufacturing Engineering	Alberta	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Heat transfer simulations and experiments	
Johnston, Keely Nicole	University of British Columbia	Land and Food Systems, Faculty of	British Columbia/ Colombie-Britannique	CANADA	12/13/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Surveillance and Characterization of Listeria monocytogenes Recovered from Oceanfood Food Processing Facilities	
Jones, Andrew	University of Guelph	Plant Agriculture (Guelph)	Ontario	CANADA	10/17/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Development of disease resistance in American elm (Ulmus americana) using somatic hybridization	
Jones, Steven	McGill University	Experimental Medicine, Division of	Québec	CANADA	12/13/2012	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Environmentally induced epigenetic alterations in the male germ line.	
Karouby, Johanna	Massachusetts Institute of Technology	Theoretical Physics, Center for		UNITED STATES/ ÉTATS-UNIS	10/03/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Study of the Early Universe : Using finite-temperature field-theory effects to understand better upcoming data and finding the influence of topological defects on current observations	
Karp, Steven	University of California - Berkeley	Mathematics		UNITED STATES/ ÉTATS-UNIS	10/26/2012	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Pattern Avoidance in Permutations	
Kasap, Safa	University of Saskatchewan	Electrical & Computer Engineering	Saskatchewan	CANADA	10/19/2012	3	180,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Doped n-type a-Se alloys for use in x-ray image detectors: preparation, thermal and electrical properties	

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Kashyap, Raman	École Polytechnique de Montréal	Génie physique	Québec	CANADA	10/19/2012	3	452,000	Strategic Projects/ Projets stratégiques	Quantum dot optical superradiance, broadband amplifiers, lasers and laser cooling: OUDOS	
Kazemi Oskooei, Seyed Ali	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	11/15/2012	2	52,500	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Bubble gate for in-plane flow control in microfluidic devices	
Keppel, Elise	Dalhousie University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	11/15/2012	4	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Effects of climate change (ocean acidification and warming) on American lobster	
Kermode, Allison	Simon Fraser University	Biological Sciences	British Columbia/ Colombie-Britannique	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Magnetic Resonance Imaging of germinating seeds	
Kherani, Nazir	University of Toronto	Electrical & Computer Engineering	Ontario	CANADA	10/19/2012	3	536,160	Strategic Projects/ Projets stratégiques	Efficient light harvesting using nanoparticle-based selectively transparent and conducting photonic crystal and index-graded antireflective films	
Kherani, Nazir	University of Toronto	Electrical & Computer Engineering	Ontario	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Influence of surface engineering techniques on interface properties of 'Metal - Carbon Fiber' composites	
Kheyrollah Pour, Homa	University of Waterloo	Geography and Environmental Management	Ontario	CANADA	11/15/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Improving the representation of lake surface temperature and ice cover in a numerical weather prediction model using satellite imagery	
Kim, Howard	Baylis Medical Company Inc.	Mississauga Office	Québec	CANADA	10/19/2012	2	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Design and development of steerable introducer sheath to improve cardiac access for enhanced endovascular treatment	
Kim, Michael	University of California - Berkeley	Industrial Engineering and Operation Research		UNITED STATES/ ÉTATS-UNIS	10/17/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Optimal Modeling of Stochastic Systems Subject to Competing Risks in Service and Production Industries	

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Kim, Nari	University of Toronto	Chemistry (St. George Campus)	Ontario	CANADA	12/13/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Synthesis of polymer encapsulated nanoparticles and examining thermodynamics of the polymer collapsing mechanisms	
Kim, Woo Kyun	University of Manitoba	Animal Science	Manitoba	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Effects of phytase and fructooligosaccharides (FOS) on P utilization, bone growth and development, growth performance, intestinal gene profiling and gut microbiome in chicks	
King, Trevor	Queen's University	Kinesiology & Health Studies, School of	Ontario	CANADA	11/15/2012	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Vascular adaptations to chronic shear exposure	
Kirk, Donald	University of Toronto	Chemical Engineering and Applied Chemistry	Ontario	CANADA	11/16/2012	5	391,011	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Indirectly fired rotary kiln steam reformation technology	
Knight, Andrew	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Sensorless control for galvanically isolated PMSM submersible pumps	
Kocaeffe, Duygu	Université du Québec à Chicoutimi	Sciences appliquées	Québec	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Étude préliminaire sur l'utilisation potentielle du biocharbon comme matière première pour des anodes utilisées dans l'industrie d'aluminium primaire	
Kövecses, Jozsef	McGill University	Mechanical Engineering	Québec	CANADA	10/19/2012	3	390,000	Strategic Projects/ Projets stratégiques	Mechanical intelligence in haptic interfacing with digital worlds	
Kövecses, Jozsef	McGill University	Mechanical Engineering	Québec	CANADA	12/14/2012	3	150,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Representations, modelling, and simulation of dynamic systems	
Krull, Ulrich	University of Toronto	Chemical and Physical Sciences (Mississauga)	Ontario	CANADA	10/19/2012	3	262,000	Strategic Projects/ Projets stratégiques	Implementing microfluidics-based manufacturing of model theranostic nanoparticles	
Kulhandjian, Michel	Eion Inc.	Head Office	Ontario	CANADA	12/14/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Reliability enhancement and performance optimization of broadband wireless networks	

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Kuruganti, Usha	University of New Brunswick	Kinesiology, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Evaluation and Design Progression of a Video Gaming Station	
Labrecque, Francis	Best Theratronics Ltd	Vancouver Office	Ontario	CANADA	12/14/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Cyclotron technology development platform	
Lacharité, Myriam	Dalhousie University	Oceanography	Nova Scotia/ Nouvelle-Écosse	CANADA	12/13/2012	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Diversity and Spatial Structure of the Epibenthic Megafauna in the Deep Waters of the Gulf of Maine	
Lacroix, Monique	Institut national de la recherche scientifique	INRS-Institut Armand-Frappier	Québec	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Mise au point d'une formulation permettant la préservation de la qualité de la pâte de chocolat	
Laflamme, Catherine	Universität Innsbruck	Head Office		AUSTRIA/ AUTRICHE	10/17/2012	4	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Quantum Nano-Electronic Systems	
Laflamme, Raymond	University of Waterloo	Physics and Astronomy	Ontario	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Determining metrics for a chip based hybrid TE/TM entangled photon source	
Lafond, Daniel	Thales Canada Inc	Land & Joint Systems Division	Québec	CANADA	10/19/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Outils d'entraînement et d'aide à la décision pour la gestion de systèmes complexes	
Lapierre, Ray	McMaster University	Engineering Physics	Ontario	CANADA	10/19/2012	3	330,000	Strategic Projects/ Projets stratégiques	Development of a nanostructured high efficiency two-junction solar cell	
Lau, Gigi Yik Chee	University of British Columbia	Zoology	British Columbia/ Colombie-Britannique	CANADA	11/15/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Mitochondrial adaptations to hypoxia in fish	
Lavoie, Jean-Michel	Université de Sherbrooke	Génie chimique et génie biotechnologique	Québec	CANADA	11/16/2012	3	198,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Étude des paramètres fondamentaux entourant le reformage à sec des alcanes à courte chaîne avec du CO2 sous courant électrique	
Leach, Gary	Simon Fraser University	Chemistry	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Phosphor deposition and processing collaboration	

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Leclerc, Marc	Cégep de Saint-Hyacinthe	Siège social	Québec	CANADA	10/19/2012	1	25,000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Développement de nouvelles technologies de fabrication de préformes :	
Leclerc, Mario	Université Laval	Chimie	Québec	CANADA	10/19/2012	3	265,374	Strategic Projects/ Projets stratégiques	Développement d'une méthode d'assemblage par broderie New polymerization method for highly efficient materials in organic electronics	
Leconte, Robert	Université de Sherbrooke	Génie civil	Québec	CANADA	11/16/2012	4	593,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Climhydro-2 : stratégies d'adaptation des compagnies d'hydroélectricité canadiennes face aux changements climatiques	
Lee, Hyung-Sool	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Synthesis of hydrogen peroxide from organic wastewaters using microbial fuel cells	
Lee, Robert	Dalhousie University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Over-yielding in microalgae	
Lefebvre, François	Université Laval	Phytologie	Québec	CANADA	11/15/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Caractérisation de la structure et de l'expression du génome de l'agent de lutte biologique <i>Pseudozyma flocculosa</i>	
Lefsrud, Mark	McGill University	Bioresource Engineering	Québec	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Testing and optimization of an inflatable plant production system	
Lemieux, Guy	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	3	295,500	Strategic Projects/ Projets stratégiques	Compute-Oriented FPGA device architectures and tools	
Leong, Wey Heng	Ryerson University	Mechanical and Industrial Engineering	Ontario	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Direct comparison between horizontal and vertical ground-loop systems for a ground source heat pump system	
Lepage, Richard	École de technologie supérieure	Génie de la production automatisée	Québec	CANADA	11/16/2012	3	120,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	TCM : télédétection pour les catastrophes majeures	

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Lessard, Larry	McGill University	Mechanical Engineering	Québec	CANADA	12/14/2012	4	360,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Design and analysis of hybrid joints (bonded and bolted) for aerospace structures	
Li, Bo	University of Victoria	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	11/15/2012	6	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Feasibility Study of the Net Zero Energy Multiple Unit Residential and Commercial Complex Building	
Li, Frank Chun Yat	University of Toronto	Computer Science (St. George Campus)	Ontario	CANADA	11/15/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Human Computer Interaction - Improving the Off-the-Desktop Typing Experience	
Li, Jia Jia (Andra)	ImmunoPrecise Antibodies Ltd	Head Office	British Columbia/ Colombie-Britannique	CANADA	11/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Development of high throughput and high affinity single chain antibodies against cationic peptides	
Liboiron-Ladouceur, Odile	McGill University	Electrical and Computer Engineering	Québec	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Fast switching gates for energy-efficient interconnects and biomedical applications	
Liebeherr, Jorg	University of Toronto	Electrical & Computer Engineering	Ontario	CANADA	10/19/2012	3	218,270	Strategic Projects/ Projets stratégiques	Enabling heterogeneous self-organizing machine-to-machine networks	
Liu, Jiangchuan	Simon Fraser University	Computing Science, School of	British Columbia/ Colombie-Britannique	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Electric scooter's energy consumption model for green transportaion systems	
Liu, Jie	Carleton University	Mechanical & Aerospace Engineering	Ontario	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Lithium ion battery pack thermal management using flexible gel films	
Love, Jennifer	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Synthesis of cross-linked biodegradable polymers for use in deck coatings	
Lubitz, William	University of Guelph	Engineering, School of	Ontario	CANADA	11/16/2012	3	53,600	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Dynamics of Archimedes screws used for power generation	
Luo, Jeff (Yucong)	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	10/11/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	An intelligent Peer to Peer Content Delivery Network based on BitTorrent Technology	

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Luque, Javier	University of Alberta	Biological Sciences	Alberta	CANADA	12/13/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Morphological and taxonomic diversity of primitive crabs during the Early Cretaceous: Analysis of morphospace occupancy throughout time and its relationship to	
Ma, Dongling	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	10/19/2012	3	494,500	Strategic Projects/ Projets stratégiques	environmental change	Rationally nanostructuring solution-processable organic photovoltaic devices for efficiently harvesting near infrared photons: from materials to electrode design
Ma, Yongsheng	University of Alberta	Mechanical Engineering	Alberta	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Preliminary study:	performance enhancement research for the production of slotted liners
MacDonald, Graham	University of Minnesota	Institute on the Environment		UNITED STATES/ ÉTATS-UNIS	11/07/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Embodied ecosystem services: linking tradeoffs for ecosystem services across disparate locations and scales	
MacIvor, James Scott	York University	Biology	Ontario	CANADA	12/13/2012	2	70,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Sustainable pollination, food security, and ecosystem health in cities: Assessing conservation strategies for wild bee biodiversity through habitat connectivity and urban matrix restoration modelling	
MacKay, Anne	University of Waterloo	Statistics and Actuarial Science	Ontario	CANADA	12/13/2012	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Path dependent EIAs: pricing and hedging under stochastic volatility and real-life constraints	

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MacKay, John	Université Laval	Sciences du bois et de la forêt	Québec	CANADA	10/19/2012	3	595,500	Strategic Projects/ Projets stratégiques	A naturally-occurring resistance gene against the spruce bud worm: genomic characterization, and applications in Canadian tree breeding and pest management	
Madan, Christopher	University of Alberta	Psychology	Alberta	CANADA	11/15/2012	2	70,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	The enhancement of memory due to reward	
Mahrous, Hesham	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	10/11/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Power Efficient Frame Work of Body Area Sensor used in healthcare and Bio-medical devices Industry	
Maibaum, Thomas	McMaster University	Computing and Software	Ontario	CANADA	10/19/2012	3	592,500	Strategic Projects/ Projets stratégiques	Rigorous automated implementation of dependable distributed real-time systems (RAIDR)	
Maijer, Daan	University of British Columbia	Materials Engineering	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	3	511,100	Strategic Projects/ Projets stratégiques	Through-process modelling: Casting for marine energy systems	
Makis, Viliam	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of a TPM Model for the Q400-Preflight Operations Group at Bombardier plant in Toronto	
Mandelis, Andreas	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	10/19/2012	3	403,500	Strategic Projects/ Projets stratégiques	Non-destructive imagine of manufacturing flaws in industrial automotive powder metallurgy green and sintered parts using a novel IR thermal-wave technology	
Manocha, Marcus	Spartan Bioscience Inc.	Head Office	Ontario	CANADA	11/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	An investigation of Spartan FRX reagent manufacturing optimization	
Martel, Anne	University of Toronto	Medical Biophysics	Ontario	CANADA	10/19/2012	1	111,625	Idea to Innovation/ De l'idée à l'innovation	Developing a fully automatic segmentation algorithm for breast MRI	
Marti, Jose	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	3	423,000	Strategic Projects/ Projets stratégiques	Smart adaptive distribution systems for the new smart grid	

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Martinez, Mark	University of British Columbia	Chemical and Biological Engineering	British Columbia/Colombie-Britannique	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Evaluating papermaking fibre suspension rheology using pipe rheometry	
Mason, Ralph	Carleton University	Electronics	Ontario	CANADA	10/19/2012	3	112,500	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Ultra low noise wireless all digital phase locked loops	
Mateescu, Mircea Alexandru	Université du Québec à Montréal	Chimie	Québec	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Comparaison de procédés de purification de l'hémocyanine	
Matwin, Stan	University of Ottawa/ Université d'Ottawa	Electrical Engineering and Computer Science , School of	Ontario	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Web mining to protect mobile app users against fraud	
Maurer, Frank	University of Calgary	Computer Science	Alberta	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Multi-surface emergency response simulation	
Mayer, John Markus	Simon Fraser University	Earth Sciences	British Columbia/Colombie-Britannique	CANADA	10/11/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Delineation of Critical Step-Path Failure Geometries in Large Open Pit Slopes using a Combined Limit	
Mayer, Michael	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	12/14/2012	2	46,144	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Development of novel palladium coated bonding wire for microelectronics	
Mayer, Ulrich	University of British Columbia	Earth and Ocean Sciences	British Columbia/Colombie-Britannique	CANADA	10/19/2012	3	436,212	Strategic Projects/ Projets stratégiques	Development of methods to investigate soil vapor intrusion risks for methane and BTEX compounds at ethanol-blended biofuel spill sites	
Mazar, Adil	École Polytechnique de Montréal	Génie chimique	Québec	CANADA	12/13/2012	4	27,000	Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat	Valorisation du préhydrolysat issue d'une usine de pâte dissoute	
Mazurek, Kerry Anne	University of Saskatchewan	Civil and Geological Engineering	Saskatchewan	CANADA	10/19/2012	3	287,759	Strategic Projects/ Projets stratégiques	Multi-cell water detention pond for improved storm water quality	
McBride, Brian	University of Guelph	Animal and Poultry Science	Ontario	CANADA	11/16/2012	1	60,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Effect of dietary supplementation of Saccharomyces cerevisiae on the ruminal microbiota and epithelium in lactating cattle during subacute ruminal acidosis	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
McEwan, Kimberly	University of Ottawa/ Université d'Ottawa	Mechanical Engineering	Ontario	CANADA	12/13/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Optimizing a Tissue-Engineered Collagen-Chitosan Scaffold for Islet Transplantation	
McKinnie, Shaun	University of Alberta	Chemistry	Alberta	CANADA	11/15/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Purification and activity studies of LtnJ, an enzyme involved in the biosynthesis of potent antibiotic peptides lacticin 3147 A1 and A2	
McMullin, Vincent	University of New Brunswick	Biology (Saint John)	New Brunswick/ Nouveau-Brunswick	CANADA	11/15/2012	1	35,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Development of an impact assessment program for Saint John harbour and neighboring estuaries	
McNicholas, Paul	University of Guelph	Mathematics and Statistics	Ontario	CANADA	11/16/2012	4	400,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Sensory-informed experimental design and modelling time-intensity	
McPherson, Madeleine	University of Toronto	Engineering Science, Division of	Ontario	CANADA	12/13/2012	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Sustainable Energy Transitions in India: an Energy-Economic-Environmental Modelling Approach	
Medjeldi, Tayeb	Cégep de Trois-Rivières	Head Office	Québec	CANADA	12/14/2012	1	64,850	Applied Research and Development Grants - Level 2/ Subventions de recherche et développement appliquée - niveau 2	Système de transmission sans fil pour stations météorologiques utilisées dans le domaine de l'agriculture	
Meech, John	University of British Columbia	Mining Engineering	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	3	351,854	G8 Initiative Research Councils on Multilateral Research Funding/ Initiative des Conseils de recherche des pays du GR sur le financement de la recherche multilatérale	Catalysing the growth in metal recovery	
Meitner, Michael	University of British Columbia	Forest Resources Management	British Columbia/ Colombie-Britannique	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Improving TimberWest's forest management in visually sensitive areas	
Mendez, Patricio	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	12/14/2012	2	60,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Deposition of abrasion-resistant Ni-WC overlays using hot wire TIG welding	
Menon, Carlo	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Automatic segmentation of SCG signals	
Merrett, Craig	Carleton University	Mechanical & Aerospace Engineering	Ontario	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Service life prediction of GFRP composite airframes	

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Mesbah, Ali	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	3	483,000	Strategic Projects/ Projets stratégiques	Systemic software analysis and maintenance techniques for Web 2.0 applications	
Messaddeq, Younès	Université Laval	Physique, génie physique et optique	Québec	CANADA	10/19/2012	3	443,550	Strategic Projects/ Projets stratégiques	Multifunctional fibers for broadband mobile technologies	
Messier, Christian	Université du Québec à Montréal	Sciences biologiques	Québec	CANADA	11/16/2012	3	116,130	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	An integrated multi-trophic assessment of the impact of biomass harvesting on forest sustainability	
Meyer, Brett	McGill University	Electrical and Computer Engineering	Québec	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	VACE: Vulnerability Assessment and Cost Estimation framework for cost-effective reliable system design	
Meysami, Mohammad	Tyromer Inc.	Head Office	Ontario	CANADA	12/14/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Development of a tire-derived polymer to be compatible with styrene butadiene rubber	
Mi, Zetian	McGill University	Electrical and Computer Engineering	Québec	CANADA	10/19/2012	3	424,500	Strategic Projects/ Projets stratégiques	Chemical transformation and storage of carbon dioxide via solar-powered artificial photosynthesis on semiconducting nanowire arrays	
Mi, Zetian	McGill University	Electrical and Computer Engineering	Québec	CANADA	10/19/2012	3	408,000	Strategic Projects/ Projets stratégiques	3-Dimensionally Integrated Nanophotonic Circuits on Si for Terahertz-Speed Chip-Level optical	
Mi, Zetian	McGill University	Electrical and Computer Engineering	Québec	CANADA	11/16/2012	1	25,000	Research Networks/ Réseaux de recherche	Funding for full application preparation NSERC Emerging Lighting Solutions Network	
Milios, Evangelos	Dalhousie University	Computer Science, Faculty of	Nova Scotia/ Nouvelle-Écosse	CANADA	10/19/2012	3	438,493	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Multi-faceted exploratory analysis for large noisy text datasets	
Milios, Evangelos	Dalhousie University	Computer Science, Faculty of	Nova Scotia/ Nouvelle-Écosse	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Tag generalization for facet-based search	
Militzer, Matthias	University of British Columbia	Materials Engineering	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	3	323,000	Strategic Projects/ Projets stratégiques	Laser ultrasonics as an innovative sensor for microstructure control	

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Mirabbasi, Shahriar	University of British Columbia	Electrical and Computer Engineering	British Columbia/Colombie-Britannique	CANADA	10/19/2012	3	718,900	Strategic Projects/ Projets stratégiques	Single-Chip 60-Ghz Wireless-Photonic Integrated Circuit	
Mirzaei Domabi, Hamidreza	Simon Fraser University	Computing Science, School of	British Columbia/Colombie-Britannique	CANADA	12/13/2012	4	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Mitigating Metamer Mismatching in Digital Colour Imaging Applications	
Mitra, Sushanta K	University of Alberta	Mechanical Engineering	Alberta	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of a reliable pre-concentrator for a paper-based microfluidics device in water monitoring	
Mitri, Hani	McGill University	Mining & Materials Engineering.	Québec	CANADA	10/19/2012	1	122,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Enhancement of cemented rockfill design and practice	
Miyashita, Tetsuto	University of Alberta	Biological Sciences	Alberta	CANADA	10/11/2012	3	150,000	Vanier Canada Graduate Scholarships - Doctoral/ Bourses d'études supérieures du Canada Vanier - Doctorat	Sorting out vertebrate ancestry: Testing hypotheses about the origin and early evolution of vertebrates using hagfish embryos	
Moffat, Chandra	University of New Brunswick	Biology (Fredericton)	New Brunswick/ Nouveau-Brunswick	CANADA	10/11/2012	3	150,000	Vanier Canada Graduate Scholarships - Doctoral/ Bourses d'études supérieures du Canada Vanier - Doctorat	Host-associated differentiation in phytophagous insects: Does intraspecific variation in host plant traits drive ecological speciation?	
Mohany, Atef	University of Ontario Institute of Technology	Engineering and Applied Science, Faculty of	Ontario	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Assessment of dynamic seat comfort for aerospace applications	
Mohseni, Madjid	University of British Columbia	Chemical and Biological Engineering	British Columbia/Colombie-Britannique	CANADA	12/14/2012	1	25,000	Strategic Research Networks Program Letters of Intent/ Programme de subventions de réseaux stratégiques lettres d'intentions	Funding for full application preparation - NSERC Small Water System Strategic Network (RESEAU WaterNET Phase 2)	
Moresoli, Christine	University of Waterloo	Chemical Engineering	Ontario	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Recovery of value-added products from Nejayote	
Morin, Michael	Université Laval	Informatique et de génie logiciel	Québec	CANADA	11/15/2012	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Planification multicritère et plans de recherche et de surveillance basés sur la visibilité des chercheurs en milieu incertain	

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Morin, Patrick	Carleton University	Computer Science, School of	Ontario	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Depth sorting in Chromium	
Morrison, James	Indel Therapeutics	Head Office	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Development of novel therapeutics for multidrug-resistant bacterial and parasitic pathogens by targeting indel-containing essential proteins	
Morrissey, Christy	University of Saskatchewan	Biology	Saskatchewan	CANADA	10/19/2012	3	320,329	Strategic Projects/ Projets stratégiques	Distribution and impact of neonicotinoid insecticides on agricultural wetlands and water birds of Prairie Canada	
Morse, Graham	Merck Chemicals Ltd.	Head Office		UNITED KINGDOM/ ROYAUME-UNI	10/10/2012	2	90,000	Postdoctoral Fellowships/ Bourses postdoctorales	Creating New High Symmetry 3-Dimensional Molecular Electronic Materials	
Nasiopoulos, Panos	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	1	118,075	Idea to Innovation/ De l'idée à l'innovation	2D to 3D video conversion	
Nassr, Amr	Assiut University	Civil Engineering		EGYPT/ ÉGYPTE	10/17/2012	3	100,000	Postdoctoral Fellowships/ Bourses postdoctorales	Metallic Structures Subjected to High Strain Rates: Material- and Component-level Performance	
Nejat, Goldie	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	An assistive interactive kitchen robot for the elderly	
Nejat, Goldie	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Autonomous Telepresence Robots	
Ng, Janet	University of Alberta	Biological Sciences	Alberta	CANADA	12/13/2012	4	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Using ecological and industrial thresholds to manage Ferruginous Hawks and energy development on the Canadian Prairies	
Nguyen, Bich-Ngoc Cao	University of British Columbia	Mathematics	British Columbia/ Colombie-Britannique	CANADA	11/15/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	The Schwartz space of a division algebra	

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Nguyen, Vivian	Carleton University	Biology	Ontario	CANADA	12/13/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Location, location, location! The survival and behaviour of sockeye salmon captured and released by multi-sector fisheries at different locations along their migratory route	
Nuth, Mathieu	Université de Sherbrooke	Génie civil	Québec	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Modélisation préliminaire des eaux souterraines du sous-bassin versant Coldbrook du Lac Brome	
Nutini, Julie	University of British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	11/15/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Design and Implementation of Hybrid Optimization Algorithms with Applications	
Nyboer, Elizabeth	McGill University	Biology	Québec	CANADA	12/13/2012	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Adaptive phenotypic divergence in Nile perch (Lates Niloticus) in Uganda's fresh water fisheries.	
O'Leary, Stephen	University of British Columbia	Okanagan - Engineering, School of	British Columbia/ Colombie-Britannique	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Photovoltaic solar cells for electrical power generation for remote communities within Canada	
Ollivier-Gooch, Carl	University of British Columbia	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	12/14/2012	3	125,204	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Error control and stability improvements for unstructured mesh finite volume methods in computational fluid dynamics	
Oomen, Rebekah	Dalhousie University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	12/13/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Determining the spatial scale of adaptive variability in Atlantic cod (Gadus morhua) using a reaction norm approach	
Ordonez, Martin	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	DSP-based simulation platform for power electronic conversion systems	

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Ormeci, Banu	Carleton University	Civil and Environmental Engineering	Ontario	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Using microalgae for advanced wastewater treatment and nutrient removal	
Ozaki, Tsuneyuki	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	10/19/2012	3	514,000	Strategic Projects/ Projets stratégiques	Air-plasma-based THz technologies pumped by intense mid-infrared lasers: advancing innovations in manufacturing	
Pal, Christopher	École Polytechnique de Montréal	Génie informatique et génie logiciel	Québec	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Automating the diagnosis of genetic diseases from the analysis of facial photos	
Papini, Marcello	Ryerson University	Mechanical and Industrial Engineering	Ontario	CANADA	10/19/2012	3	191,758	Strategic Projects/ Projets stratégiques	Modelling of abrasive water jet and slurry jet micro-machining	
Paquette, Stephanie	Collège Édouard-Montpetit	Siège social	Québec	CANADA	10/19/2012	1	25,000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Développement d'une nouvelle méthode par recherche géométrique 3D pour la création de devis	
Parent, Jocelyn	ImmerVision Canada Inc/ ImmerVision Canada inc	Head Office	Québec	CANADA	10/19/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Optique panomorphe miniature	
Park, Edward	Simon Fraser University	Mechatronic Systems Engineering	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	3	445,000	Strategic Projects/ Projets stratégiques	Wireless inertial sensor network for ubiquitous human motion capture	
Paxton, Brandon	University of British Columbia	Civil Engineering	British Columbia/ Colombie-Britannique	CANADA	12/13/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Seismic Risk Assessment of Heritage Buildings in Victoria, BC	
Payne, Samantha	University of Toronto	Chemical Engineering and Applied Chemistry	Ontario	CANADA	12/13/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Neurovascular interaction and guidance during vertebrate regeneration	
Peace, Robert	Carleton University	Systems and Computer Engineering	Ontario	CANADA	11/15/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Parallel Information-Theoretic System for Real-Time Mass Spectrometry Data Analysis	
Pedras, Maria Soledade	University of Saskatchewan	Chemistry	Saskatchewan	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Exploring crop protection alternatives: can phytoalexins defend plants from phytotoxin harm?	

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Peguleryuz, Mihriban	McGill University	Mining & Materials Engineering.	Québec	CANADA	10/19/2012	3	374,980	Strategic Projects/ Projets stratégiques	Development of novel magnesium alloys with improved biocorrosion and mechanical behavior for cardiovascular implants	
Penner, Audrey	Holland College	Head Office	Prince Edward Island/ Île-du-Prince-Édouard	CANADA	12/14/2012	1	25,000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	First Responders - Therapeutic Communications Animated Serious Gaming Simulation	
Pequegnat, Andrew	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	11/15/2012	2	70,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	A detailed study into the mechanism behind the revolutionary multiple-memory-material (MMM) processing technology and the effects of laser processing on the properties and performance of Nitinol	
Perreault, François	Yale University	Chemical Engineering		UNITED STATES/ ÉTATS-UNIS	10/03/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Antimicrobial properties of carbon nanotubes-coated surfaces for the prevention of microbial biofouling	
Pirquet, Oliver	University of Victoria	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	11/15/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Unsteady-flow oscillation-based wind/hydro energy harvester	
Pivneva, Irina	McGill University	Psychology	Québec	CANADA	11/15/2012	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Increased executive function helps during language switching in bilingual language production: Evidence from eye movements and linear mixed effects models	
Plant, David	McGill University	Electrical and Computer Engineering	Québec	CANADA	12/14/2012	3	519,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Optical short reach interconnects for next generation communications and computing equipment	
Plant, David	McGill University	Electrical and Computer Engineering	Québec	CANADA	10/19/2012	3	439,500	Strategic Projects/ Projets stratégiques	Optical waveform generation: A powerful enabler for optical fiber communications	

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Plante, Jean-Sebastien	Université de Sherbrooke	Génie mécanique	Québec	CANADA	10/19/2012	3	518,668	Strategic Projects/ Projets stratégiques	A low cost / high power density gas turbine concept based on rotary ramjets	
Pollard, Andrew	Queen's University	Mechanical and Materials Engineering	Ontario	CANADA	10/19/2012	1	125,000	Idea to Innovation/ De l'idée à l'innovation	Phase I - development of a continuous torrefaction/densification process	
Potter, Eva	University of Toronto	Civil Engineering	Ontario	CANADA	11/15/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Increasing Efficiency of Multi-span Prestressed Cast-in-place Concrete Bridge Structures	
Price, Christopher	Université de Montréal	Biomédecine vétérinaire	Québec	CANADA	11/16/2012	3	82,255	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Effect of fungal toxins on fertility in dairy cattle	
Qian, Kun	York University	Earth and Space Science and Engineering	Ontario	CANADA	11/15/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Low cost Real-time kinematic positioning and heading system	
Qiu, Zhijun	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Simulation modeling and analysis of multilane modern roundabout	
Qiu, Zhijun	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Evaluation of the application of connected vehicle technology to commercial vehicle management	
Quan, Bryan	University of Toronto	Biomaterials and Biomedical Engineering, Inst. of (IBBME)	Ontario	CANADA	11/15/2012	2	70,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Physicochemical and Ultrastructural Analysis of Periodontal Tissues: Implications for Periodontal Reattachment	
Quesada, Juan Nicolas	University of Toronto	Physics (St. George Campus)	Ontario	CANADA	10/11/2012	3	150,000	Vanier Canada Graduate Scholarships - Doctoral/ Bourses d'études supérieures du Canada Vanier - Doctorat	Quantum correlations: applications in biology and metrology	
Rahmani, Mona	Coanda Research and Development Corporation	Head Office	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Application of computational models for multiphase flows	
Ramaswamy, Hosahalli	McGill University	Food Science and Agricultural Chemistry	Québec	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Validation of pasteurization process for spices, herbs and dehydrated vegetables	

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Ramogida, Caterina	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	11/15/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Development of novel bifunctional chelates for PET imaging of hypoxic tumors using gallium-68	
Rasmussen, Peter	University of Manitoba	Civil Engineering	Manitoba	CANADA	11/16/2012	4	288,500	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Adaptation and application of the Canadian Precipitation Analysis (CaPA) in Manitoba	
Reid, Jean-Philippe	University of St Andrews	Physics and Astronomy, School of		UNITED KINGDOM/ ROYAUME-UNI	10/24/2012	2	90,000	Postdoctoral Fellowships/ Bourses postdoctorales	Étude des propriétés physiques de l'élément métallique bismuth et des isolants topologiques à base de bismuth par des mesures de transport prises sous pression hydrostatique et sous champ magnétique	
Ren, Carolyn	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	10/19/2012	3	120,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Development of microelectromechanical systems platform integrated with novel microwave technology and droplet-based microfluidic devices for high throughput screening	
Rensink, Ronald	University of British Columbia	Psychology	British Columbia/ Colombie-Britannique	CANADA	12/14/2012	2	233,640	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Visual analytics in context: Theory into practice	
Ricardez Sandoval, Luis Alberto	University of Waterloo	Chemical Engineering	Ontario	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of an optimization scheduling algorithm to improve operations management	
Richard, François	Université Laval	Sciences animales	Québec	CANADA	12/14/2012	3	243,365	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Regulation of cyclic nucleotide hydrolysis in bovine sperm	
Richmond, Sonya	Bird Studies Canada/ Études d'Oiseaux Canada	Head Office	Ontario	CANADA	10/19/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Effects of anthropogenic activity on the species-energy relationship for avian species	
Rioux, Didier	Cégep de La Pocatière	Siège social	Québec	CANADA	10/19/2012	1	25,000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Caractérisation d'un poêle à granules nouvelle génération	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Ripeanu, Matei	University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	A scalable cloud-based solution for load disaggregation	
Ritch, Jamie	University of Winnipeg	Chemistry	Manitoba	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of stable activator solutions for the preparation of geopolymer cements	
Robinson, Clare	The University of Western Ontario	Civil and Environmental Engineering	Ontario	CANADA	10/19/2012	3	540,000	Strategic Projects/ Projets stratégiques	Quantification of groundwater contribution to fecal and nutrient pollution at beaches of the Great Lakes	
Rogelstad, Michael	The University of Western Ontario	Mathematics	Ontario	CANADA	11/15/2012	2	70,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Elliptic Curves and Galois Representations	
Rogers, Colin	McGill University	Civil Engineering and Applied Mechanics	Québec	CANADA	10/19/2012	4	225,667	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Design of extended & coped beam shear plate connections and welding of heavy plates and shapes	
Rosenberg, Catherine	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	10/19/2012	4	360,001	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Impact of electric vehicles on the grid	
Ross, Martin	University of Waterloo	Earth & Environmental Sciences	Ontario	CANADA	11/16/2012	2	80,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Tracing the signature in glacial sediments of alteration haloes associated with uranium deposits in areas of complex ice flow history in central Nunavut	
Rothstein, Steven	University of Guelph	Molecular and Cellular Biology	Ontario	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Evaluation of TerraBioGen's organic fertilizers (LC 200, F4 and FX fractions) on corn plant health, growth and development	
Roué, Lionel	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	10/19/2012	3	476,000	Strategic Projects/ Projets stratégiques	Synthèse et mise en forme d'alliages nanostructurés utilisés comme anodes inertes pour la production d'aluminium	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Rowntree, Paul	University of Guelph	Chemistry	Ontario	CANADA	10/19/2012	3	428,279	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Experimental and theoretical studies of the carbonylation and decarbonylation reactions involving nickel	
Russo, Frank	Ryerson University	Psychology	Ontario	CANADA	12/14/2012	2	194,666	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Advancement of a software application suite for music analysis and generation informed by music cognition research	
Rutherford, Michael	University of Northern British Columbia	Environment Sciences Program	British Columbia/ Colombie-Britannique	CANADA	11/16/2012	3	124,001	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Value-added biomass ash utilization	
Ruzzante, Daniel	Dalhousie University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	10/19/2012	3	314,200	Strategic Projects/ Projets stratégiques	Harvesting consequences on genetic diversity and metapopulation effective size in a spatially stratified system, the Kogaluk river drainage in northern Labrador	
Santato, Clara	École Polytechnique de Montréal	Génie physique	Québec	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Bendable light-sources for applications in phototherapy	
Sarris, Costas	University of Toronto	Electrical & Computer Engineering	Ontario	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Efficient methodologies for the broadband modeling of dispersive periodic structures	
Sauchyn, David	University of Regina	Geography	Saskatchewan	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Projecting climate change impacts on streamflow for river basin management modeling	
Schafer, Laurel	University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	3	297,600	Strategic Projects/ Projets stratégiques	Accessing enhanced mechanical properties and processability with branched and cross-linked biodegradable polymers	
Schriemer, Henry	University of Ottawa/ Université d'Ottawa	Electrical Engineering and Computer Science , School of	Ontario	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Precision calorimetry for solar CPV-T receivers	
Scott, Tom	University of Saskatchewan	Agriculture and Bioresources, College of	Saskatchewan	CANADA	12/14/2012	3	85,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Efficacy of hydrothermal reactors, enzymes and additives to increase the utilization and safety of canola meal for livestock	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Seaton, Hugh	Northern Alberta Institute of Technology	Boreal Research Institute	Alberta	CANADA	10/19/2012	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 peatland restoration	
Seethaler, Rudolf	University of British Columbia	Okanagan - Applied Science, Faculty of	British Columbia/ Colombie-Britannique	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Strain-based structural health monitoring of aerospace structures under uncertainty	
Shah Heydari, Shahram	University of Ontario Institute of Technology	Business and Information Technology, Faculty of	Ontario	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Multi-MNO service aggregation in wireless networks	
Shahbazpanahi, Shahram	University of Ontario Institute of Technology	Engineering and Applied Science, Faculty of	Ontario	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Physical and medium access control layer design for dynamic resource sharing and channel bonding among wireless carrier providers	
Shang, Julie	The University of Western Ontario	Civil and Environmental Engineering	Ontario	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	A study on thickening of Mature Oil Sand Mine Tailings by coagulation, flocculation and electrokinetics	
Sharif, Shayan	University of Guelph	Pathobiology	Ontario	CANADA	11/16/2012	2	54,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Development of probiotic formulations with immune enhancing activities for chickens	
Sheng, Jinyu	Dalhousie University	Oceanography	Nova Scotia/ Nouvelle-Écosse	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Investigation of Eastern Caribbean Sea Forecasting Models in Support of Climate Change Mitigation and Maritime Disaster Management	
Shepherd, Jeffrey	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Chemistry and Biochemistry	Ontario	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Characterization of organic leveling agents on Cu and Zn using lateral force microscopy	
Shi, Wei	McGill University	Electrical and Computer Engineering	Québec	CANADA	12/05/2012	3	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Large-Scale Silicon Electronic-Photonic Integrated Circuits	
Shih, Ishiang	McGill University	Electrical and Computer Engineering	Québec	CANADA	10/19/2012	3	403,500	Strategic Projects/ Projets stratégiques	High power nanowire green lasers monolithically grown on silicon: Bridging the green gap	

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Shirani, Shahram	McMaster University	Electrical and Computer Engineering	Ontario	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Virtual x-ray imaging system for arthroscopy training stations	
Siciliano, Steven	University of Saskatchewan	Soil Science	Saskatchewan	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Soil amendments and native species for northern mine site eco-restoration	
Simonson, Carey	University of Saskatchewan	Mechanical Engineering	Saskatchewan	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Frosting of air-to-air membrane energy exchangers	
Skorobogatiy, Maksim	École Polytechnique de Montréal	Génie physique	Québec	CANADA	10/19/2012	3	360,950	Strategic Projects/ Projets stratégiques	A dynamically reconfigurable THz-TDS imaging system for industrial measurement applications	
Skorobogatiy, Maksim	École Polytechnique de Montréal	Génie physique	Québec	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Intrinsic force sensors based on the microstructured optical fibers	
Smith, Devin	University of Calgary	Electrical and Computer Engineering	Alberta	CANADA	12/13/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Wireless channel characterization for a near-ground seismic sensor networks	
Smith, Donald	McGill University	Plant Science	Québec	CANADA	12/14/2012	3	306,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Thuricin 17 and novel plant signals: Mitigating plant stress, optimizing performance	
Smith, Donald	McGill University	Plant Science	Québec	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Enhancement of crop growth with a microbial consortium	
Smith, Gregory	University of British Columbia	Wood Science	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	3	414,874	G8 Initiative Research Councils on Multilateral Research Funding/ Initiative des Conseils de recherche des pays du GR sur le financement de la recherche multilatérale	Structural Bamboo Products	
Smith, Kurt	University of British Columbia	Human Kinetics, School of	British Columbia/ Colombie-Britannique	CANADA	11/15/2012	2	70,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Cerebral Blood Flow Regulation: Sympathetic Nerve Activity During Sleep	
Soltan, Jafar	University of Saskatchewan	Chemical and Biological Engineering	Saskatchewan	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Control of microbial growth in a granulated activated carbon (GAC) adsorption system using UV irradiation	

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Soucy, Gervais	Université de Sherbrooke	Génie chimique et génie biotechnologique	Québec	CANADA	10/19/2012	3	260,868	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Nanotube synthesis by thermal plasma for lithium-ion batteries / synthèse de nanotubes par plasma thermique pour piles lithium-ion	
Soudki, Khaled	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Feasibility of Basalt FRP bars in reinforced concrete structures	
Srinivasan, Asha	Opus DaytonKnight Consultants Ltd	Head Office	British Columbia/ Colombie-Britannique	CANADA	11/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	A microwave enhanced oxidation process for nutrients solubilization from organic slurries	
Stanowski, Radoslaw	Tekna Plasma Systems Inc.	Head Office	Québec	CANADA	11/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Plasma synthesis of metallic nanopowders	
Steeves, Joel	University of Saskatchewan	Civil and Geological Engineering	Saskatchewan	CANADA	11/15/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Design of a seasonally frozen capillary break diversion cover system for abandoned mines in Northern Canada	
Steinberg, Adam	University of Toronto	Aerospace Studies, Institute for	Ontario	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Analysis of thermo-acoustic instability mechanisms in engine-relevant configurations	
Stime, Samuel	University of British Columbia	Civil Engineering	British Columbia/ Colombie-Britannique	CANADA	10/11/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Investigation of the efficacy of selected Storm Water Management Practices on reducing effective impervious area of a developed watershed, and on improving stream water quality	
St-Onge, David	Université Laval	Génie mécanique	Québec	CANADA	12/13/2012	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Conception d'un aérobot métamorphe	
Strzalkowski, Nicholas	University of Guelph	Human Health and Nutritional Sciences	Ontario	CANADA	11/15/2012	2	42,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Cutaneous receptor feedback from the foot sole: a focus on the mechanical properties of the skin on afferent class firing characteristics and perceptual threshold	

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Suraci, Justin	University of Victoria	Biology	British Columbia/ Colombie-Britannique	CANADA	10/11/2012	4	45,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Restoring the predator-prey balance in BC's Gulf Islands: Benefits for tourism and the environment	
Sutton, Darren	University of British Columbia	Applied Science, Faculty of	British Columbia/ Colombie-Britannique	CANADA	11/15/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Fast Laser Light Scattering Measurement of Particulate Matter from Diesel Combustion, or Fast Exhaust Nephelometer (FEN)	
Swain, Jolene	Simon Fraser University	Biological Sciences	British Columbia/ Colombie-Britannique	CANADA	12/13/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Pest Emergence and Establishment in Apple Orchards: Keeping up with Climate Change	
Tan, Zhongchao	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Ionic liquid emissions abatement technology to reduce Maritime sulphur emissions	
Tang, Xiaowu (Shirley)	University of Waterloo	Chemistry	Ontario	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of prototype test strips for home-use BNP detection	
Tavares, Ana	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Inorganic proton conductors for high performance Fe/N/C based gas diffusion electrodes	
Tawakol, Abdel Maguid	University of Waterloo	Engineering, Faculty of	Ontario	CANADA	10/11/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Systematic method of identifying and analyzing security vulnerabilities in computer networks	
Tesfamariam, Solomon	University of British Columbia	Okanagan - Engineering, School of	British Columbia/ Colombie-Britannique	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Analysis and design of lateral loads for ZapSteel Basements	
Têtu, Pierre-Louis	Université de Sherbrooke	Géomatique appliquée	Québec	CANADA	11/15/2012	4	27,000	Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat	Modélisation spatiale de l'invasion des éricacées en forêt boréale : l'apport de la télédétection dans l'aménagement écosystémique des forêts du Québec	

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Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Thiyam-Hollander, Usha	University of Manitoba	Human Nutritional Sciences	Manitoba	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Canolol and related phenolics - rapid quantification in canola oil deodistillates and application in frying stability	
Thompson, Michael	McMaster University	Chemical Engineering	Ontario	CANADA	10/19/2012	3	216,960	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Shape memory polymers and automotive decorative films derived therefrom	
Thundat, Thomas	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	10/19/2012	2	146,250	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Real-time detection of naphtha using photothermal cantilever deflection spectroscopy	
Trajkovic, Ljiljana	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Diagnostics for BGP routing	
Tremaine, Peter	University of Guelph	Chemistry and Biochemistry	Ontario	CANADA	10/19/2012	3	452,000	Strategic Projects/ Projets stratégiques	ANR: Demixing Amines for CO2 Capture: Thermodynamic and Spectroscopic Approach	
Tremblay, Christine	École de technologie supérieure	Génie électrique	Québec	CANADA	12/14/2012	3	156,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Flexible optical networks based on coherent transmission technologies	
Tremblay, Rejean	Université du Québec à Rimouski	Sciences de la mer de Rimouski, Institut des	Québec	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Validation d'un nouveau système de compte d'organismes aquatiques	
Tripunitara, Mahesh	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	New user-provider interactions in identity management systems	
Troncy, Eric	Université de Montréal	Médecine vétérinaire, faculté de	Québec	CANADA	10/19/2012	2	143,320	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	La sommation temporelle comme marqueur de douleur secondaire à l'arthrose: validation sur le modèle naturel félin.	
Tsoi, Kim	University of Toronto	Biomaterials and Biomedical Engineering, Inst. of (IBBME)	Ontario	CANADA	10/11/2012	3	150,000	Vanier Canada Graduate Scholarships - Doctoral/ Bourses d'études supérieures du Canada Vanier - Doctorat	Development of a high-throughput in vitro model to study the effect of nanoparticle physicochemical properties on hepatic fate and toxicity	
Tsui, Ying	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Testing of an optical solids content analyzer in an oil sands tailing pilot facility	

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Ulrich, Ania	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Investigation of H2S emissions from stormwater retention ponds	
Urbanic, Jill	University of Windsor	Industrial and Manufacturing Systems Eng.	Ontario	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Tool path and virtual simulation refinement of laser cladding paths using advanced manufacturing tools	
Vallée, Réal	Université Laval	Centre d'optique, photonique et laser	Québec	CANADA	10/19/2012	3	577,016	Strategic Projects/ Projets stratégiques	Development of innovative fiber lasers for biomedical, industrial and defense & security applications	
Vandenbossche, Jamie	Camosun College	Head Office	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	2	145,436	Applied Research and Development Grants - Level 2/ Subventions de recherche et développement appliquée - niveau 2	Development of a Comprehensive and Cost Effective Screening Method for Pesticide Residues in Fruits and Vegetables	
Vandenbossche, Jamie	Camosun College	Head Office	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	1	25,000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Development of an Accurate Indoor Wayfinding Mobile Application for Large Scale Multi-Building, Multi-Site Venues	
Vandenbossche, Jamie	Camosun College	Head Office	British Columbia/ Colombie-Britannique	CANADA	12/14/2012	1	25,000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Development of an One Year Power Generation Source and Design and Integration of a Sensor Node for the worldwide Spin Cycle Market	
Varamini, Sina	Dalhousie University	Civil and Resource Engineering	Nova Scotia/ Nouvelle-Écosse	CANADA	11/15/2012	2	25,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Asphalt Binder Modification by Using Post-Consumer Waste Plastic for Hot-Mix Asphalt (HMA) Pavement Application	
Veneris, Andreas	University of Toronto	Electrical & Computer Engineering	Ontario	CANADA	12/14/2012	2	70,186	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Low power design using power gating	

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Venkatadri, Uday	Dalhousie University	Industrial Engineering	Nova Scotia/ Nouvelle-Écosse	CANADA	10/19/2012	2	35,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Cell formation and layout design for the blade manufacturing facility at DSME Trenton inc. or DSTN.	
Vialle, Agathe	Biopterre Centre de développement des bioproduits	Siège social	Québec	CANADA	11/16/2012	3	60,000	Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)	Développement de projets R&D en agriculture moléculaire	
Vu, Trang	McMaster University	Biochemistry and Biomedical Sciences	Ontario	CANADA	12/13/2012	2	70,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Impact of fibrinogen binding proteins on clot formation and structure	
Vu, Victoria	University of Toronto	Molecular Genetics	Ontario	CANADA	12/13/2012	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Systematically uncovering the effects of natural variation on perturbed phenotypes in <i>C. elegans</i> .	
Walker, Xanthe	University of Saskatchewan	Biology	Saskatchewan	CANADA	11/15/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Assessing climate growth relationships and resilience in the Boreal forest	
Walsh, Margaret	Dalhousie University	Civil and Resource Engineering	Nova Scotia/ Nouvelle-Écosse	CANADA	11/16/2012	3	91,332	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Waste Residuals & Distribution System Technology Advancements for Ion Exchange Processes in Drinking Water Treatment	
Weaver, Tyler	University of Waterloo	Kinesiology	Ontario	CANADA	12/13/2012	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Falls in older adults: New insights into the biomechanics, physiologic mechanisms, causes and circumstances.	
Weck, Arnaud	University of Ottawa/ Université d'Ottawa	Mechanical Engineering	Ontario	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Obtaining the true mechanical properties of pipeline steels for better failure predictions	
Wilbur, Patricia	The University of Western Ontario	Civil and Environmental Engineering	Ontario	CANADA	12/13/2012	3	105,000	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Investigation of wood connections for the improvement of load bearing capacities in light frame construction	

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Wilkinson, David	University of British Columbia	Chemical and Biological Engineering	British Columbia/ Colombie-Britannique	CANADA	10/19/2012	2	121,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Development of Advanced Cathode Materials and Electrode Structures for Flatplate Rechargeable MnO ₂ /Zn Alkaline Batteries	
Wilkinson, Kevin	Université de Montréal	Chimie	Québec	CANADA	10/19/2012	3	471,900	Strategic Projects/ Projets stratégiques	Bioavailability, toxicity, mobility and modeling of data poor metals (BIOMET)	
Wu, Christine	University of Manitoba	Mechanical and Manufacturing Engineering	Manitoba	CANADA	11/16/2012	5	515,000	Industrial Research Chairs/ Professeurs-chercheurs industriels	NSERC/MCI Industrial Research Chair in Heavy Ground Vehicles and Transportation Equipment	
Wu, Ke	École Polytechnique de Montréal	Génie électrique	Québec	CANADA	11/16/2012	2	198,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Nouveaux Systèmes de localisation en temps réel pour des applications reliées à la gestion de prisonniers	
Wu, Ke	École Polytechnique de Montréal	Génie électrique	Québec	CANADA	10/19/2012	3	569,100	Strategic Projects/ Projets stratégiques	Ambient electromagnetic energy harvesting and wireless power delivery technologies	
Yahia, Ammar	Université de Sherbrooke	Génie civil	Québec	CANADA	11/16/2012	2	102,926	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Modélisations expérimentales et numériques du comportement à l'écoulement des bétons fluides	
Yang, Jun	The University of Western Ontario	Mechanical and Materials Engineering	Ontario	CANADA	10/19/2012	1	40,000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Developing an ultralow surface energy and highly gas permeable membrane for storing highly volatile liquids	
Yargeau, Viviane	McGill University	Chemical Engineering	Québec	CANADA	12/14/2012	3	605,718	Strategic Projects/ Projets stratégiques	Conventional and advanced wastewater treatment: Providing secure sources of drinking water by removing contaminants of emerging concern	

**NSERC Grants and Scholarships
From 10/01/2012 To 12/31/2012**

Name	Institution	Department	Province	Country	Date	Instalments	Total \$	Program	Title	Comments
Yu, Aiping	University of Waterloo	Chemical Engineering	Ontario	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	A few layer graphene polypropylene nanocomposite for electrical conductive bipolar plates	
Yu, Aiping	University of Waterloo	Chemical Engineering	Ontario	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Advanced materials structural analysis of catalyst layers	
Yue, Stephen	McGill University	Mining & Materials Engineering.	Québec	CANADA	12/14/2012	3	305,654	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Replacement of cadmium coatings for aerospace applications	
Zampini, Eric	Université de Montréal	Biochimie	Québec	CANADA	11/15/2012	3	115,500	Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D	Implication des protéines mtSSBs (mitochondrial Single Strand DNA Binding) dans le métabolisme de l'ADN mitochondrial de la plante Arabidopsis thaliana	
Zamyadi, Arash	University of Toronto	Civil Engineering	Ontario	CANADA	11/07/2012	2	80,000	Postdoctoral Fellowships/ Bourses postdoctorales	Identifying the novel approaches to prevent toxic cyanobacteria breakthrough and accumulation in Canadian drinking water treatment plants	
Zdrzilova, Lenka	University of Calgary	Psychology	Alberta	CANADA	11/15/2012	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Processing abstract word meaning: Behavioural and neurophysiological investigation	
Zhang, Feixia	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	11/15/2012	3	30,000	Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel	Unsaturated Soil Property Functions for High Volume Change Material	
Zhang, Hao	Simon Fraser University	Computing Science, School of	British Columbia/ Colombie-Britannique	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	3D modeling for visual and experiential learning	
Zhang, Wenjun	University of Saskatchewan	Mechanical Engineering	Saskatchewan	CANADA	12/14/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Resilience analysis of water supply systems in Saskatchewan	
Zhang, Xiao-Ping	Ryerson University	Electrical and Computer Engineering	Ontario	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Data correlation with dashboard display and metering system	
Zhao, Boxin	University of Waterloo	Chemical Engineering	Ontario	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Surface Engineering for the Development of Low Friction, Low Wear Pumps	

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Zhao, Qing	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Modeling, identification and characterization of wind turbine experiment	
Zheng, Ming	University of Windsor	Mechanical, Automotive and Materials Engineering	Ontario	CANADA	10/19/2012	5	956,800	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Flexible and renewable fuel combustion engine research - high efficiency enabling with variable charge compression and ultra-high power expansion	
Zhou, Norman	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	10/19/2012	3	491,800	Strategic Projects/ Projets stratégiques	Removal of drinking water contaminants with innovative TiO2 nanowire membranes	
Zhou, Yuxiang Beckett	Rheinisch-Westfälische Technische Hochschule Aachen University	Computational Analysis of Technical Systems		GERMANY/ ALLEMAGNE	10/17/2012	3	63,000	Postgraduate Scholarships D/ Bourses d'études supérieures D	Reduced-order modeling for uncertainty quantifications in aerospace systems	
Zhu, Wei-Ping	Concordia University	Electrical and Computer Engineering	Québec	CANADA	11/16/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Fractional Brownian motion based voice activity detection with application to subtitle failure detection for broadcasting services	
Zhu, Zheng Hong	York University	Earth and Space Science and Engineering	Ontario	CANADA	10/19/2012	1	25,000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of autonomous robotic manipulator for mining application	
Zhuang, Weihua	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	10/19/2012	3	558,000	Strategic Projects/ Projets stratégiques	Energy and spectrum efficient wireless communication networks	
Zourob, Mohammed	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	10/19/2012	3	592,500	Strategic Projects/ Projets stratégiques	Development of bar-coded, highly sensitive, label-free highthroughput screening platform for endocrine disrupting compounds	
Zourob, Mohammed	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	10/19/2012	3	603,000	Strategic Projects/ Projets stratégiques	Integrated Lab-on-a-Chip with wireless communication capability for on-site mosquito-borne pathogen detection	

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Zourob, Mohammed	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	10/19/2012	3	564,500	Strategic Projects/ Projets stratégiques	Development of low-cost, rapid and highly sensitive DNA-based biosensor for routine monitoring of emerging organic compounds in water	