

**Subventions et bourses du CRSNG**  
**Du 01/01/2013 au 03/31/2013.**

| <b>Nom</b>         | <b>Établissement</b>                           | <b>Département</b>  | <b>Province</b> | <b>Pays</b> | <b>Date</b> | <b>Versements</b> | <b>\$ Total</b> | <b>Programme</b>  | <b>Titre</b>   | <b>Commentaires</b> |
|--------------------|--|---|-----------------|-------------|-------------|-------------------|-----------------|---|--|---------------------|
| Abbatt, Jonathan   | University of Toronto                          | Chemistry (St. George Campus)                             | Ontario         | CANADA      | 02/15/2013  | 6                 | 4798 900        | Climate Change and Atmospheric Research/ Recherche sur les changements climatique & l'atmosphère                  | NETCARE - Network on climate and aerosols: Addressing key uncertainties in remote Canadian environments                      |                     |
| Abdul-Kader, Walid | University of Windsor                          | Industrial and Manufacturing Systems Eng.                 | Ontario         | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Job shop production planning and control   |                     |
| Abraham, Roberto   | University of Toronto                          | Astronomy and Astrophysics (St. George Campus)            | Ontario         | CANADA      | 03/26/2013  | 1                 | 87 178          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                     | A New Approach To Ultra-Low Surface Brightness Imaging: Project Dragonfly  |                     |
| Adam, François     | Cégep de Saint-Jérôme                          | Siège social  | Québec          | CANADA      | 02/15/2013  | 1                 | 25 000          | Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1 | Développement d'une méthode innovante de caractérisation du comportement thermique des modules de batteries Li-ion.          |                     |
| Adams, Cindy       | Scientists in School                           | Head Office   | Ontario         | CANADA      | 02/14/2013  | 3                 | 195 000         | PromoScience  | Today they're Scientists in School, Tomorrow they're Leaders and Innovators  |                     |
| Adler, Andy        | Carleton University                            | Engineering and Design, Faculty of                        | Ontario         | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Automating Semiconductor Circuit Reverse Engineering Techniques for Intellectual Property Protection                         |                     |
| Adronov, Alex      | McMaster University                            | Chemistry & Chemical Biology                              | Ontario         | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Carbon Nanotube Functionalization  |                     |
| Adve, Raviraj      | University of Toronto                          | Electrical & Computer Engineering                         | Ontario         | CANADA      | 02/15/2013  | 3                 | 205 901         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative              | Resource sharing in heterogeneous wireless networks  |                     |
| Affès, Sofiène     | Institut national de la recherche scientifique | Centre Énergie, Matériaux et Télécommunication - Montréal | Québec          | CANADA      | 03/26/2013  | 1                 | 125 299         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                     | Radio Channel Emulator for "Over-the-Air-In-Lab" Testing, Validation and Assessment of Advanced Wireless Transceiver Designs |                     |
| Agrawal, Aneil     | University of Toronto                          | Ecology and Evolutionary Biology (St. George Campus)      | Ontario         | CANADA      | 03/26/2013  | 1                 | 49 923          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                     | Steacie Fellowship RTI - Environmental Chambers for Invertebrates  |                     |

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|--------------------|--|---|--|------------------------------|-------------|-------------------|-----------------|--|--|---------------------|
| Ahmed, Marya       | California Institute of Technology         | Chemical Engineering                        |  | UNITED STATES/<br>ÉTATS-UNIS | 01/16/2013  | 3                 | 80 000          | Postdoctoral Fellowships/ Bourses postdoctorales   | Biodistribution and Gene Delivery Efficacies of Cationic Glycopolymers of varying Architectures In Vivo                  |                     |
| Aitchison, Stewart | University of Toronto                      | Electrical & Computer Engineering           | Ontario  | CANADA                       | 02/15/2013  | 2                 | 103 067         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | GaAs optical receiver for wavelength division multiplexed photonic integrated circuit                                    |                     |
| Ajib, Wessam       | Université du Québec à Montréal            | Informatique                                | Québec   | CANADA                       | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Development of a specification compliance model for wireless mesh networks in mining environment                         |                     |
| Akhrif, Ouassima   | École de technologie supérieure            | Génie électrique                            | Québec   | CANADA                       | 03/19/2013  | 3                 | 129 273         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Design of a launch and forget aerial relay node integrating advanced control and communications methods                  |                     |
| Akin, Oguz         | Whitefox Technologies Limited              | Head Office                                 | Alberta  | CANADA                       | 02/15/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)             | High temperature cross-flow (HTX) membrane for advanced separations  |                     |
| Alam, Shafiq       | Memorial University of Newfoundland        | Engineering and Applied Science, Faculty of | Newfoundland and Labrador/ Terre-Neuve-et-Labrador | CANADA                       | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Application of bio-adsorbents to improve the gold recovery process   |                     |
| Alam, Shahria      | University of British Columbia             | Okanagan - Engineering, School of           | British Columbia/ Colombie-Britannique             | CANADA                       | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Performance-based design guideline for strengthening I-joists with web holes and flange notches                          |                     |
| Alavikia, Babak    | University of Illinois at Urbana-Champaign | Electrical & Computer Engineering           |  | UNITED STATES/<br>ÉTATS-UNIS | 01/03/2013  | 3                 | 80 000          | Postdoctoral Fellowships/ Bourses postdoctorales   | Surface Plasmon Enhanced Solar Cells   |                     |
| Albaalbaki, Bashar | Petro-Geotech Inc.                         | Head Office                                 | Alberta  | CANADA                       | 03/19/2013  | 3                 | 60 685          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)             | Development of a fully coupled reservoir-geomechanics model by finite element method for SAGD process simulations        |                     |
| Alfantazi, Akram   | University of British Columbia             | Materials Engineering                       | British Columbia/ Colombie-Britannique             | CANADA                       | 02/15/2013  | 4                 | 280 000         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Corrosion and stress corrosion cracking behavior of alloys in solutions relevant to gold thiosulfate leaching technology |                     |

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| Al-Haddad, Kamal    | École de technologie supérieure               | Génie électrique                    | Québec                                    | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Emergency braking system for induction motors using efficient power electronics and intelligent controller |                     |
| Al-Hussein, Mohamed | University of Alberta                         | Civil and Environmental Engineering | Alberta                                   | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Automation of light gauge steel framing production for walls and bathroom units                            |                     |
| Ali, Declan         | University of Alberta                         | Biological Sciences                 | Alberta                                   | CANADA      | 03/26/2013  | 1                 | 81 670          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                     | Fluorescence imaging system for conventional and 3D deconvolution applications                             |                     |
| Allen, Christine    | University of Toronto                         | Pharmacy, Leslie Dan Faculty of     | Ontario                                   | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Gold Nanotechnology for Delivery of OCZ103   |                     |
| Allen, Diana        | Simon Fraser University                       | Earth Sciences                      | British Columbia/<br>Colombie-Britannique | CANADA      | 03/26/2013  | 1                 | 110 106         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                     | Thermal Imaging System for Multi-spatial and Multi-temporal Geoscience Investigations                      |                     |
| Al-Mutawaly, Nafia  | Mohawk College of Applied Arts and Technology | Head Office                         | Ontario                                   | CANADA      | 03/19/2013  | 5                 | 1000 000        | Industrial Research Chairs for Colleges Grants/<br>Subventions de chaire de recherche industrielle dans les collèges | NSERC Industrial Research Chair for Colleges in Advanced Distribution System (ADS)                         |                     |
| Altintas, Yusuf     | University of British Columbia                | Mechanical Engineering              | British Columbia/<br>Colombie-Britannique | CANADA      | 02/15/2013  | 1                 | 200 000         | Synergy Awards/ Prix synergie  | UBC-Pratt & Whitney Canada partnership   |                     |
| Amon, Cristina      | University of Toronto                         | Applied Sc./Engineering, Faculty of | Ontario                                   | CANADA      | 02/15/2013  | 2                 | 71 428          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                 | Optimization of wind farm layouts under energy and noise considerations                                    |                     |
| Anand, Christopher  | McMaster University                           | Computing and Software              | Ontario                                   | CANADA      | 02/14/2013  | 3                 | 60 000          | PromoScience   | Software: Tool for Change  |                     |
| Anand, Madhur       | University of Guelph                          | Environmental Sciences, School of   | Ontario                                   | CANADA      | 03/26/2013  | 1                 | 51 612          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                     | Computational tools for modelling global ecological change impacts and adaptations in forest ecosvstems    |                     |
| Andalibi, Zohreh    | TRTech  | Winnipeg Branch                     | Alberta                                   | CANADA      | 03/19/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)                             | Classification, monitoring and optimization of natural gas wells from pressure and temperature data        |                     |

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| Anderson, Melissa    | University of Ottawa/ Université d'Ottawa         | Earth Sciences                                       | Ontario                                | CANADA      | 01/17/2013  | 3                 | 105 000         | Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D | Petrogenesis of Rare Earth Element-Yttrium-Niobium deposits associated with the Bokan Mountain Peralkaline Granitic Complex, southeastern Alaska |                     |
| Anholt, Bradley      | Bamfield Marine Sciences Centre                   | Head Office  | British Columbia/ Colombie-Britannique | CANADA      | 02/14/2013  | 3                 | 180 000         | PromoScience   | Public Education Program   |                     |
| Anpalagan, Alagan    | Ryerson University                                | Electrical and Computer Engineering                  | Ontario                                | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Design and Development of Smart Mobile Phone Probing System  |                     |
| Arthurs, David       | University of Ontario Institute of Technology     | Automotive, Mechanical and Manufacturing Engineering | Ontario                                | CANADA      | 01/03/2013  | 3                 | 80 000          | Postdoctoral Fellowships/ Bourses postdoctorales   | Computational AeroAcoustics Simulation of High-Speed Impinging Planar Jets   |                     |
| Athukorala, Yasantha | Mazza Innovation Ltd.                             | Summerland Office                                    | British Columbia/ Colombie-Britannique | CANADA      | 03/19/2013  | 3                 | 60 869          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)                           | Extraction and functionalities of high value phytochemicals from crop residues   |                     |
| Aubé, Mélanie        | Institut de recherche sur les zones côtières inc. | Head Office  | New Brunswick/ Nouveau-Brunswick       | CANADA      | 02/15/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)                           | Étude de pré-commercialisation de la fibre de sphaigne cultivée à la ferme expérimentale de Shinnagan  |                     |
| Averill-Bates, Diana | Université du Québec à Montréal                   | Sciences biologiques                                 | Québec                                 | CANADA      | 03/26/2013  | 1                 | 47 190          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                      | Flow cytometer for cellular analysis   |                     |
| Ayers, Paul          | McMaster University                               | Chemistry & Chemical Biology                         | Ontario                                | CANADA      | 03/26/2013  | 1                 | 132 340         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                      | Stacie Fellowship RTI - Computational Resources for Modeling Strong Electron Correlation in Molecules and Materials                              |                     |
| Babu, Mohan          | University of Regina                              | Chemistry and Biochemistry                           | Saskatchewan                           | CANADA      | 03/26/2013  | 1                 | 42 000          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                      | Benchtop Colony Arrayer for Accelerating Systems Biology Research in Prokaryotes   |                     |

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| Baethke, Kathy   | Thompson Rivers University        | Science, Faculty of                 | British Columbia/<br>Colombie-Britannique | CANADA      | 01/17/2013  | 3                 | 30 000          | Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel              | Most effective method of reclamation of a native grassland community including culturally significant species and using hydro seeding, hand seeding, irrigation and soil amendments |                     |
| Baghani, Ali     | Ultrasonix Medical Corporation    | Head Office                         | British Columbia/<br>Colombie-Britannique | CANADA      | 03/19/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)             | Integration of new imaging tools into a modern research interface   |                     |
| Bagheri, Ebrahim | Ryerson University                | Electrical and Computer Engineering | Ontario                                   | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Aggregating and Semantizing Unstructured Online Event Information   |                     |
| Bahrami, Majid   | Simon Fraser University           | Mechatronic Systems Engineering     | British Columbia/<br>Colombie-Britannique | CANADA      | 01/18/2013  | 4                 | 160 000         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Green cooling solutions for high power electronics  |                     |
| Bahrami, Majid   | Simon Fraser University           | Engineering Science, School of      | British Columbia/<br>Colombie-Britannique | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Novel graphite-based energy conversion systems  |                     |
| Baines, Kim      | The University of Western Ontario | Chemistry                           | Ontario                                   | CANADA      | 03/26/2013  | 1                 | 94 724          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Replacement Probe for Inova 600 MHz NMR Spectrometer  |                     |
| Baines, Kim      | The University of Western Ontario | Chemistry                           | Ontario                                   | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Understanding the Structure of a Shake to Guide Product Development   |                     |
| Bajic, Ivan      | Simon Fraser University           | Engineering Science, School of      | British Columbia/<br>Colombie-Britannique | CANADA      | 03/26/2013  | 1                 | 141 717         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Media Quality Testbed for the Multimedia Communications Laboratory at SFU   |                     |
| Bajic, Ivan      | Simon Fraser University           | Engineering Science, School of      | British Columbia/<br>Colombie-Britannique | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Active volumetric sound cancellation  |                     |
| Ban, Dayan       | University of Waterloo            | Electrical & Computer Engineering   | Ontario                                   | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Terahertz time-domain spectroscopy for optoelectronic quantum device research   |                     |
| Banerjee, Neil   | The University of Western Ontario | Earth Sciences                      | Ontario                                   | CANADA      | 03/26/2013  | 1                 | 150 000         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Instrumentation for automated and rapid 'clumped isotope' analyses of small carbonate samples.  |                     |

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| Banham, Dustin    | Ballard Power Systems Inc.        | Research and Development              | British Columbia/<br>Colombie-Britannique | CANADA      | 01/18/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)             | Low-Pt cathode for polymer electrolyte membrane fuel cells  |                     |
| Banthia, Nemkumar | University of British Columbia    | Civil Engineering                     | British Columbia/<br>Colombie-Britannique | CANADA      | 03/19/2013  | 5                 | 8969 200        | Networks of Centres of Excellence - Group/<br>Réseaux de centres d'excellence - groupe               | India/Canada Centre for Innovative Multidisciplinary Partnerships to Accelerate Community Transformation and Sustainability   |                     |
| Barclay, Paul     | University of Calgary             | Physics and Astronomy                 | Alberta                                   | CANADA      | 03/26/2013  | 1                 | 25 675          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Detection of high frequency nanocavity optomechanics  |                     |
| Barfoot, Tim      | University of Toronto             | Aerospace Studies, Institute for      | Ontario                                   | CANADA      | 03/26/2013  | 1                 | 144 543         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Field Robot to Support Research on Long-Term Autonomous Navigation  |                     |
| Bays, Nathalie    | Ducks Unlimited Canada            | Oak Hammock Marsh Interpretive Centre | Manitoba                                  | CANADA      | 02/14/2013  | 3                 | 50 100          | PromoScience   | Ecovan  |                     |
| Bazinet, Laurent  | Université Laval                  | Sciences des aliments et de nutrition | Québec                                    | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Désodorisation d'hydrolysats peptidiques marins par procédés électromembranaires  |                     |
| Bazuin, Géraldine | Université de Montréal            | Chimie                                | Québec                                    | CANADA      | 01/18/2013  | 3                 | 360 000         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Shrinkage of polymer coatings on wood veneers in aircraft structure: understanding the causes of the problem and possible solution                                      |                     |
| Beaudry, Francis  | Université de Montréal            | Biomédecine vétérinaire               | Québec                                    | CANADA      | 03/26/2013  | 1                 | 142 379         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | High performance liquid chromatography electrospray tandem mass spectrometry for quantitative determination of biomarkers, drugs and metabolites in biological matrices |                     |
| Bédard, Paul      | Université du Québec à Chicoutimi | Sciences appliquées                   | Québec                                    | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Développement d'un protocole de caractérisation in-situ des matériaux géologiques   |                     |

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| Bélangier, Marie-Claude | Cégep de Saint-Jérôme             | Siège social                             | Québec                                 | CANADA                    | 02/15/2013  | 1                 | 25 000          | Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1 | Développement d'une nouvelle méthode de fabrication pour le fuselage d'un avion ultraléger                     |                     |
| Ben Mrad, Ridha         | University of Toronto             | Mechanical and Industrial Engineering    | Ontario                                | CANADA                    | 03/26/2013  | 1                 | 68 737          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                     | A characterization facility for precision actuators and microsystems   |                     |
| Bengio, Yoshua          | Université de Montréal            | Informatique et recherche opérationnelle | Québec                                 | CANADA                    | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Deep learning for spam filtering   |                     |
| Bengio, Yoshua          | Université de Montréal            | Informatique et recherche opérationnelle | Québec                                 | CANADA                    | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Implementing Boltzmann machines on quantum computing hardware  |                     |
| Benjamin, Virginie      | La Maison Léon-Provancher         | Siège social                             | Québec                                 | CANADA                    | 02/14/2013  | 3                 | 45 100          | PromoScience  | Des sciences... faciles à digérer  |                     |
| Bennet, Andrew          | Simon Fraser University           | Chemistry                                | British Columbia/ Colombie-Britannique | CANADA                    | 03/26/2013  | 1                 | 65 827          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                     | UV-visible Spectrophotometer   |                     |
| Benoit, Jamie           | Yale University                   | Psychology                               |  | UNITED STATES/ ÉTATS-UNIS | 02/13/2013  | 2                 | 31 500          | Postgraduate Scholarships D/ Bourses d'études supérieures D   | Mechanisms of neurite and synaptic turnover and pruning in the mouse visual cortex                             |                     |
| Bensoussan, David       | École de technologie supérieure   | Génie électrique                         | Québec                                 | CANADA                    | 01/18/2013  | 1                 | 90 100          | Idea to Innovation/ De l'idée à l'innovation  | Conception d'un prototype expérimental faisant usage d'un nouvel algorithme de commande ultrarapide et robuste |                     |
| Bernards, Mark          | The University of Western Ontario | Biology                                  | Ontario                                | CANADA                    | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Phytohormonal basis for plant growth promotion by soil bacteria  |                     |
| Bertin, Jonathan        | EndoCeutics Inc.                  | Analytical Laboratory                    |  | CANADA                    | 02/15/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)                          | La neurostéroïdogénèse chez le singe - Implications pour la santé humaine                                      |                     |
| Beznosov, Konstantin    | University of British Columbia    | Electrical and Computer Engineering      | British Columbia/ Colombie-Britannique | CANADA                    | 03/26/2013  | 1                 | 55 586          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                     | A Platform for Experimental Research on Modern Online Social Networks  |                     |
| Beznosov, Konstantin    | University of British Columbia    | Electrical and Computer Engineering      | British Columbia/ Colombie-Britannique | CANADA                    | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Securing smartphones and tablets for BYOD management   |                     |

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| Bhiladvala, Rustom            | University of Victoria                         | Mechanical Engineering                   | British Columbia/<br>Colombie-Britannique | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Towards manufacture of adaptive porous media for in situ control of the fuel cell environment   |                     |
| Bichler, Lukas                | University of British Columbia                 | Okanagan - Engineering, School of        | British Columbia/<br>Colombie-Britannique | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Application of neutron diffraction techniques for the enhancement of weld quality in AR200 steel structures for mobile cranes           |                     |
| Bidochka, Michael             | Brock University                               | Biological Sciences                      | Ontario                                   | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Luminex Disease Screen for Turfgrass Diseases   |                     |
| Bilodeau, Guillaume-Alexandre | École Polytechnique de Montréal                | Génie informatique et génie logiciel     | Québec                                    | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Head tracking and detection for people counting and wait time evaluation  |                     |
| Birouk, Madjid                | University of Manitoba                         | Mechanical and Manufacturing Engineering | Manitoba                                  | CANADA      | 03/26/2013  | 1                 | 66 034          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                     | Upgrade of a Standard Particle Image Velocimetry (PIV) System to Enable Particle Size Measurement                                       |                     |
| Biswas, Nihar                 | University of Windsor                          | Civil and Environmental Engineering      | Ontario                                   | CANADA      | 03/26/2013  | 1                 | 39 755          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                     | HPLC for Development of Industrial Wastewater Treatment   |                     |
| Blais, Jean-François          | Institut national de la recherche scientifique | Centre Eau, Terre et Environnement (ETE) | Québec                                    | CANADA      | 03/26/2013  | 1                 | 51 188          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                     | Banc d'essai de procédés de décontamination de matrices polluées par des métaux lourds et des composés organiques toxiques              |                     |
| Blais, Jules                  | University of Ottawa/ Université d'Ottawa      | Biology                                  | Ontario                                   | CANADA      | 03/26/2013  | 1                 | 86 522          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                     | An Accelerated Solvent Extraction System for the Laboratory for the Analysis of Natural and Synthetic Environmental Toxicants (LANSET). |                     |
| Blanchet, Catherine           | Cégep de Thetford                              | Siège social                             | Québec                                    | CANADA      | 03/19/2013  | 5                 | 500 000         | Technology Access Centre/ Centre d'accès à la technologie  | Amélioration des pratiques de gestion et du rendement du centre de recherche OLEOTEK  |                     |
| Blanchet, Catherine           | Cégep de Thetford                              | Siège social                             | Québec                                    | CANADA      | 03/19/2013  | 5                 | 1000 000        | Industrial Research Chairs for Colleges Grants/<br>Subventions de chaire de recherche industrielle dans les collèges | Chaire de recherche industrielle dans les collèges du CRSNG sur les matériaux avancés   |                     |



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|-------------------|---------------------------------------|--|--|-------------|-------------|-------------------|-----------------|---|---|---------------------|
| Bobicki, Erin     | University of Alberta                 | Chemical and Materials Engineering               | Alberta                                | CANADA      | 01/17/2013  | 3                 | 30 000          | Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel                           | Microwave Pre-treatment of Ultramafic Nickel Ores   |                     |
| Bocher, Philippe  | École de technologie supérieure       | Génie mécanique                                  | Québec                                 | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Développement d'une procédure permettant d'évaluer la faisabilité d'un procédé de déposition simultanée d'un revêtement céramique/métallique sur plusieurs pièces aéronautiques |                     |
| Bordignon, Vilceu | McGill University                     | Animal Science                                   | Québec                                 | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Optimization of an intracytoplasmic sperm injection protocol for the in vitro production of bovine embryos using sex-sorted semen   |                     |
| Borgford, Thor    | Douglas College                       | Head Office                                      | British Columbia/ Colombie-Britannique | CANADA      | 03/19/2013  | 1                 | 25 000          | Regional Opportunities Fund - Pacific/ Fonds d'initiatives régionales - Pacifique                                 | Building Applied Research Capacity in British Columbia and the Yukon  |                     |
| Botelho, Roberto  | Ryerson University                    | Chemistry and Biology                            | Ontario                                | CANADA      | 03/26/2013  | 1                 | 53 543          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                     | A Facility for the Analysis of Radio-labelled Molecules   |                     |
| Bouchard, Louise  | Cégep de Sherbrooke                   | Siège social                                     | Québec                                 | CANADA      | 03/19/2013  | 1                 | 25 000          | Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1 | Reconnaissance et validation des montages d'usinage   |                     |
| Boudoux, Caroline | École Polytechnique de Montréal       | Génie physique                                   | Québec                                 | CANADA      | 03/26/2013  | 1                 | 148 647         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                     | Metrology tools for fabricating micro-optics dedicated to endoscopy   |                     |
| Boudoux, Caroline | École Polytechnique de Montréal       | Génie physique                                   | Québec                                 | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Fabrication of a spaceborne field converter   |                     |
| Boulon, Loic      | Université du Québec à Trois-Rivières | Électrique et génie informatique, Dépt. de génie | Québec                                 | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Gestion des batteries Lithium-Ion pour l'augmentation des performances des camions nacelles hybrides en conditions hivernales   |                     |
| Bourgault, Steve  | Université du Québec à Montréal       | Chimie   | Québec                                 | CANADA      | 03/26/2013  | 1                 | 54 174          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                     | A protein purification platform for biochemistry and structural biology research.   |                     |

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|---------------------|--|---|-----------------|-------------|-------------|-------------------|-----------------|--|--|---------------------|
| Bouyer, Laurent     | Université Laval                               | Réadaptation<br>(physiothérapie,<br>ergothérapie) | Québec          | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Human-machine interface requirements for individuals with ambulation deficiencies  |                     |
| Bradley, Robert     | Université de Sherbrooke                       | Biologie  | Québec          | CANADA      | 03/26/2013  | 1                 | 56 203          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Multi-elemental analyser to support applied and fundamental research in plant and soil ecology /<br>Analyseur multi-élémentaire pour la recherche en écologie des plantes et du sol              |                     |
| Braid, Andrew       | University of Alberta                          | Renewable Resources                               | Alberta         | CANADA      | 01/17/2013  | 3                 | 30 000          | Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel              | Modeling grizzly bear food resources in Southwestern Alberta and testing viability of seeding and planting methods to accelerate reestablishment of key grizzly bear food resources in clearcuts |                     |
| Brar, Satinder Kaur | Institut national de la recherche scientifique | Centre Eau, Terre et Environnement (ETE)          | Québec          | CANADA      | 03/26/2013  | 1                 | 106 617         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Gas chromatography-mass spectroscopy (GC-MS) system  |                     |
| Brett, Christopher  | Concordia University                           | Biology   | Québec          | CANADA      | 03/26/2013  | 1                 | 91 628          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | TIRF microscope upgrade for Concordia University   |                     |
| Bridges, Greg       | University of Manitoba                         | Electrical and Computer Engineering               | Manitoba        | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Microwave imaging hardware for monitoring stored grain   |                     |
| Bridges, Greg       | University of Manitoba                         | Electrical and Computer Engineering               | Manitoba        | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | High definition impedance imaging system for biological applications   |                     |
| Briens, Cedric      | The University of Western Ontario              | Chemical and Biochemical Engineering              | Ontario         | CANADA      | 03/19/2013  | 3                 | 2164 167        | Research Networks/ Réseaux de recherche  | NSERC biomaterials and chemicals strategic research network  |                     |
| Brochu, Myriam      | École Polytechnique de Montréal                | Génie mécanique                                   | Québec          | CANADA      | 02/15/2013  | 3                 | 360 000         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Machining effects on part integrity and life of aircraft materials   |                     |
| Brouard, Danny      | HÉMA-QUÉBEC                                    | Siège Social                                      | Québec          | CANADA      | 03/19/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)             | Optimisation et validation d'un nanobio-capteur polymérique pour le génotypage rapide d'antigènes sanguins   |                     |

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|---------------------|---|-----------------------------|--|-------------|-------------|-------------------|-----------------|---|---|---------------------|
| Brouillette, Martin | Université de Sherbrooke                        | Génie mécanique             | Québec                                 | CANADA      | 03/26/2013  | 1                 | 108 984         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                  | Imaging system for high-speed short duration phenomena ---Système d'imagerie à haute vitesse pour phénomènes ultrarapides |                     |
| Brown, Ainsley      | Laskeek Bay Conservation Society                | Head Office                 | British Columbia/Colombie-Britannique  | CANADA      | 02/14/2013  | 3                 | 35 100          | PromoScience  | Project Limestone Applied Science Camp  |                     |
| Brown, Claire Marie | McGill University                               | Physiology                  | Québec                                 | CANADA      | 03/26/2013  | 1                 | 149 931         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                  | Multi-colour total internal reflection fluorescence (TIRF) and single molecule localization microscopy                    |                     |
| Brown, Richard      | Dalhousie University                            | Psychology                  | Nova Scotia/ Nouvelle-Écosse           | CANADA      | 03/26/2013  | 1                 | 52 755          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                  | Equipment for measurement of ultrasonic vocalizations and visual ability in rodents                                       |                     |
| Brzezinski, Ryszard | Université de Sherbrooke                        | Biologie                    | Québec                                 | CANADA      | 01/18/2013  | 1                 | 124 300         | Idea to Innovation/ De l'idée à l'innovation  | Développement d'un système recombinant de production de la chitosanase thermostable Csn (INNOV-phase 1)                   |                     |
| Bunce, Nigel        | University of Guelph                            | Chemistry                   | Ontario                                | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Device having bactericidal properties without external power source   |                     |
| Burch, Kenneth      | University of Toronto                           | Physics (St. George Campus) | Ontario                                | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Developing models for Thin Film Deposition Optimization   |                     |
| Burrus, Vincent     | Université de Sherbrooke                        | Biologie                    | Québec                                 | CANADA      | 03/26/2013  | 1                 | 30 562          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                  | Anaerobic workstation/Station de travail anaérobie  |                     |
| Burt, Diane         | New Brunswick Community College                 | Saint John Campus           | New Brunswick/ Nouveau-Brunswick       | CANADA      | 03/19/2013  | 5                 | 845 888         | Industrial Research Chairs for Colleges Grants/ Subventions de chaire de recherche industrielle dans les collèges | NSERC Industrial Research Chair for Colleges in Mobile First Technology   |                     |
| Bushe, Kendal       | University of British Columbia                  | Mechanical Engineering      | British Columbia/ Colombie-Britannique | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Thermal labyrinth performance prediction  |                     |
| Butler-Jones, Evan  | Northern College of Applied Arts and Technology | Head Office                 | Ontario                                | CANADA      | 03/19/2013  | 1                 | 25 000          | Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1 | Wood Product Manufacturer Saw Glue Line Automation  |                     |
| Caloz, Christophe   | École Polytechnique de Montréal                 | Génie électrique            | Québec                                 | CANADA      | 03/26/2013  | 1                 | 150 000         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                  | Stecie Fellowship RTI - Analog Signal Processing using Magnetic and Plasmonic Materials                                   |                     |

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|----------------------|------------------------------------|---|---|-------------|-------------|-------------------|-----------------|---|--|---------------------|
| Campeanu, Cezar      | University of Prince Edward Island | Computer Science and Information Technology | Prince Edward Island/ Île-du-Prince-Édouard | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Improving the Scalability of the ViTRAK Sensor Floor System  |                     |
| Carey, Sean          | McMaster University                | Geography and Earth Sciences, School of     | Ontario                                     | CANADA      | 01/18/2013  | 3                 | 393 500         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative              | Understanding the impact of coal spoils on the hydrology of alpine watersheds, Elk Valley, British Columbia                                  |                     |
| Carpendale, Sheelagh | University of Calgary              | Computer Science                            | Alberta                                     | CANADA      | 03/19/2013  | 2                 | 250 000         | EWR Steacie Fellowships/ EWR Steacie  | Research Grant for 2012 EWR Steacie Memorial Fellowship Successful Candidate   |                     |
| Carrier, Maurice     | Cégep de Lévis-Lauzon              | Siège social                                | Québec                                      | CANADA      | 03/19/2013  | 1                 | 75 000          | Applied Research and Development Grants - Level 2/ Subventions de recherche et développement appliquée - niveau 2 | Développement d'une méthode de purification et d'analyse des prostaglandines employée comme outil précoce de diagnostique gestationnel bovin |                     |
| Casanova, Christian  | Université de Montréal             | Optométrie, école d'                        | Québec                                      | CANADA      | 03/26/2013  | 1                 | 59 052          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                     | Système d'imagerie optique cérébrale pour l'étude des fonctions visuelles chez l'animal  |                     |
| Castillo, Carlos     | Grande Prairie Regional College    | Head Office                                 | Alberta                                     | CANADA      | 03/19/2013  | 6                 | 1750 000        | Technology Access Centre/ Centre d'accès à la technologie   | Honeybee Diagnostic Services in the Peace Country  |                     |
| Cermakian, Nicolas   | McGill University                  | Psychiatry                                  | Québec                                      | CANADA      | 03/26/2013  | 1                 | 67 437          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                     | An integrated detection platform for the study of neuroimmune interactions, neuroendocrine pathways and neurodevelopment                     |                     |
| Cerruti, Marta       | McGill University                  | Mining & Materials Engineering.             | Québec                                      | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Stability and biocompatibility characterization of metal-PMMA bond for dental applications   |                     |
| Chaabane, Amin       | École de technologie supérieure    | Génie de la production automatisée          | Québec                                      | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Traçabilité de la chaîne de valeur dans le secteur forestier   |                     |

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| Champagne, Pascale | Queen's University  | Head Office   | Ontario         | CANADA      | 01/18/2013  | 3                 | 128 558         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                        | Passive constructed wetlands and small municipal wastewater systems. An approach for meeting national effluent regulations. |                     |
| Champliaud, Henri  | École de technologie supérieure                                     | Génie mécanique   | Québec          | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Analyse par éléments finis de la fabrication de récupérateurs de chaleur  |                     |
| Chan, Paul         | Royal Military College of Canada/ Collège militaire royal du Canada | Chemistry and Chemical Engineering                        | Ontario         | CANADA      | 03/19/2013  | 3                 | 70 000          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                        | Use of neutron-absorbers to improve CANDU reactor operating margins   |                     |
| Chan, Warren       | University of Toronto   | Biomaterials and Biomedical Engineering, Inst. of (IBBME) | Ontario         | CANADA      | 03/26/2013  | 1                 | 150 000         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                               | Stecie Fellowship RTI - Wireless Nanotechnology Sensor for Global Surveillance  |                     |
| Chaouki, Jamal     | École Polytechnique de Montréal                                     | Génie chimique  | Québec          | CANADA      | 03/26/2013  | 1                 | 90 210          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                               | Characterization of toxic emissions from thermal processes with coal, biomass and wastes                                    |                     |
| Charette, Paul     | Université de Sherbrooke  | Génie électrique et génie informatique                    | Québec          | CANADA      | 03/19/2013  | 4                 | 1563 815        | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                        | Infrared imager   |                     |
| Charles, Trevor    | University of Waterloo  | Biology   | Ontario         | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Application of functional metagenomics tools for the determination of soil health   |                     |
| Chau, Joyce        | EcoSpark  | Head Office   | Ontario         | CANADA      | 02/14/2013  | 2                 | 45 000          | PromoScience  | Big Toronto Area River Study  |                     |
| Chau, Tom          | University of Toronto   | Biomaterials and Biomedical Engineering, Inst. of (IBBME) | Ontario         | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Dynamic topographic visualization and quantification of a multichannel surface EMG grid array                               |                     |
| Chelabi, Hakima    | Université Laval  | Sols et de génie agroalimentaire                          | Québec          | CANADA      | 01/17/2013  | 4                 | 27 000          | Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat | Évaluation des sources possibles d'incertitude des résultats de caractérisation agroenvironnementale des sols du Québec     |                     |
| Chen, Daolun       | Ryerson University  | Mechanical and Industrial Engineering                     | Ontario         | CANADA      | 03/26/2013  | 1                 | 108 705         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                               | Electron backscatter diffraction: a powerful technique for materials characterization                                       |                     |

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| Chen, Han             | Lakehead University               | Natural Resources Management, Faculty of | Ontario         | CANADA      | 03/26/2013  | 1                 | 29 377          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Minirhizotron system to study fine root demographic processes   |                     |
| Chen, Jennifer I-Ling | York University                   | Chemistry                                | Ontario         | CANADA      | 03/26/2013  | 1                 | 96 662          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Single-nanostructure spectroscopy for optical characterization of discrete nanostructures and their development as miniaturized sensors and bioanalytical tools |                     |
| Chen, Jie             | University of Alberta             | Electrical and Computer Engineering      | Alberta         | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Developing nanocarriers to protect antioxidant agents   |                     |
| Chen, Lawrence        | McGill University                 | Electrical and Computer Engineering      | Québec          | CANADA      | 03/26/2013  | 1                 | 132 385         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Glass processing and fusion splicing system for developing advanced fiber optic components  |                     |
| Chen, Li              | University of Saskatchewan        | Electrical & Computer Engineering        | Saskatchewan    | CANADA      | 01/18/2013  | 2                 | 80 000          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Study soft errors in ternary content addressable memories and DC-DC converters  |                     |
| Chen, Li              | University of Saskatchewan        | Electrical & Computer Engineering        | Saskatchewan    | CANADA      | 01/18/2013  | 2                 | 80 000          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | A study of the challenging issues in 3D-IC technologies   |                     |
| Chen, Li              | University of Saskatchewan        | Electrical & Computer Engineering        | Saskatchewan    | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Study single event effects in programmable devices for space instrumentation  |                     |
| Chen, X. Grant        | Université du Québec à Chicoutimi | Sciences appliquées                      | Québec          | CANADA      | 03/19/2013  | 6                 | 1325 000        | Industrial Research Chairs/ Professeurs-chercheurs industriels                                       | NSERC/Rio Tinto Alcan Industrial Research Chair in Metallurgy of Innovative Aluminium Transformation  |                     |
| Chen, Xiongbiao       | University of Saskatchewan        | Mechanical Engineering                   | Saskatchewan    | CANADA      | 02/15/2013  | 2                 | 79 859          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Tool replacement and machining optimization for the drill process   |                     |
| Chen, Ying            | University of Manitoba            | Biosystems Engineering                   | Manitoba        | CANADA      | 03/19/2013  | 3                 | 111 320         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Development of seed openers using modeling and experimental approaches  |                     |

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|-----------------------|---|--|---|-------------|-------------|-------------------|-----------------|--|--|---------------------|
| Chin, Ya-Huei Cathy   | University of Toronto   | Chemical Engineering and Applied Chemistry | Ontario                                   | CANADA      | 03/26/2013  | 1                 | 147 876         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                           | A versatile differential calorimetry system for evaluation of phase transition and fluid-solid interfacial thermodynamics in nano-structured solids, surfactants, and polymers |                     |
| Chiu, Loraine         | McMaster University   | Chemistry & Chemical Biology               | Ontario                                   | CANADA      | 01/03/2013  | 3                 | 80 000          | Postdoctoral Fellowships/ Bourses postdoctorales   | Biomaterials for vascularization in cardiac tissue engineering   |                     |
| Chodavarapu, Vamsy    | McGill University   | Electrical and Computer Engineering        | Québec                                    | CANADA      | 03/26/2013  | 1                 | 107 499         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                           | Equipment for Integration and Packaging of Biomedical and Biosensing Systems   |                     |
| Chronik, Blaine       | The University of Western Ontario                             | Physics and Astronomy                      | Ontario                                   | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Design of open-geometry gradient coils for diffusion imaging with a low-field MR system  |                     |
| Chrostowski, Lukas    | University of British Columbia                                | Electrical and Computer Engineering        | British Columbia/<br>Colombie-Britannique | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Design optimization of p-i-n silicon waveguide phase modulator   |                     |
| Chrostowski, Lukas    | University of British Columbia                                | Electrical and Computer Engineering        | British Columbia/<br>Colombie-Britannique | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Molecular spectroscopy nano-ring detector project  |                     |
| Ciccarelli, Gabriel   | Queen's University  | Mechanical and Materials Engineering       | Ontario                                   | CANADA      | 02/15/2013  | 1                 | 40 000          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                       | Detonation sensitivity of liquid fuels   |                     |
| Clarke, Anthony       | University of Guelph  | Molecular and Cellular Biology             | Ontario                                   | CANADA      | 03/26/2013  | 1                 | 62 200          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                           | Carbohydrate Analysis Facility   |                     |
| Clohan, William Daley | University of British Columbia                                | Civil Engineering                          | British Columbia/<br>Colombie-Britannique | CANADA      | 03/19/2013  | 3                 | 30 000          | Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel                                    | Assessing Stilling Basin Energy Dissipation Using Smoothed Particle Hydrodynamics  |                     |
| Coady, Yvonne         | University of Victoria  | Computer Science                           | British Columbia/<br>Colombie-Britannique | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Privacy-protecting cloud processing for medical EEG data sets  |                     |
| Cohen-Adad, Julien    | École Polytechnique de Montréal                               | Génie électrique                           | Québec                                    | CANADA      | 03/26/2013  | 1                 | 47 987          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                           | Development of coil technologies for 3T and 7T MRI of the spinal cord  |                     |
| Cole, Jack            | Conestoga College Institute of Technology & Advanced Learning | Head Office                                | Ontario                                   | CANADA      | 03/19/2013  | 3                 | 527 948         | College - University Idea to Innovation Grants/<br>Subventions De l'idée à innovation pour les universités et les collèges | Design, Development, Testing, Evaluation and Optimization of a Gold Detection Instrument   |                     |

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| Collin, Charles     | University of Ottawa/ Université d'Ottawa | Psychology, School of                 | Ontario                                   | CANADA      | 03/26/2013  | 1                 | 89 790          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | An MRI-compatible ERP System for High Temporal and Spatial Resolution Measurements of Brain Activity in Neurocognition Research        |                     |
| Comeau, Yves        | École Polytechnique de Montréal           | Génies Civil, géologique et des mines | Québec                                    | CANADA      | 03/19/2013  | 3                 | 406 080         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Station d'épuration à haute efficacité énergétique par un MBBR à forte charge - MBBR E+  |                     |
| Constas, Styliani   | The University of Western Ontario         | Chemistry                             | Ontario                                   | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Computational study of the clustering/declustering processes in differential mobility experiments                                      |                     |
| Cooperstock, Jeremy | McGill University                         | Electrical and Computer Engineering   | Québec                                    | CANADA      | 03/26/2013  | 1                 | 137 474         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | 3D immersive projection infrastructure with full-body motion capture and analysis  |                     |
| Coops, Nicholas     | University of British Columbia            | Forest Resources Management           | British Columbia/<br>Colombie-Britannique | CANADA      | 02/15/2013  | 2                 | 39 738          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Multi-scalar analyses of the historical cumulative disturbance patterns on three boreal Alberta landscapes                             |                     |
| Coops, Nicholas     | University of British Columbia            | Forest Resources Management           | British Columbia/<br>Colombie-Britannique | CANADA      | 01/18/2013  | 2                 | 48 000          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Algorithmic development and verification of a remote-sensing driven global forest monitoring system over British Columbian focus areas |                     |
| Cornell, Rosemary   | Simon Fraser University                   | Molecular Biology and Biochemistry    | British Columbia/<br>Colombie-Britannique | CANADA      | 03/26/2013  | 1                 | 40 000          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Multi-purpose imager (Typhoon FLA 9500)  |                     |
| Corredig, Milena    | University of Guelph                      | Food Science                          | Ontario                                   | CANADA      | 01/18/2013  | 5                 | 625 000         | Industrial Research Chairs/ Professeurs-chercheurs industriels                                       | NSERC/Ontario Dairy Council Industrial Research Chair in Dairy Technology  |                     |
| Côté, Steeve        | Université Laval                          | Biologie                              | Québec                                    | CANADA      | 03/26/2013  | 1                 | 34 237          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Véhicule à quatre roues motrices pour le travail de terrain  |                     |
| Cotton, James       | McMaster University                       | Mechanical Engineering                | Ontario                                   | CANADA      | 03/26/2013  | 1                 | 110 289         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Advanced Dynamic Multiphase Flow Measurement System  |                     |



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|--------------------------|--------------------------------|--|---|-------------|-------------|-------------------|-----------------|--|---|---------------------|
| Coulibaly, Paulin        | McMaster University            | Civil Engineering                            | Ontario                                   | CANADA      | 03/26/2013  | 1                 | 69 757          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1           | Soil Moisture Retrieval and<br>Assimilation for Improved<br>Hydrologic Applications   |                     |
| Cree, Duncan             | Queen's University             | Engineering & Applied<br>Science, Faculty of | Ontario                                   | CANADA      | 02/14/2013  | 3                 | 90 000          | PromoScience   | Aboriginal Access to<br>Engineering Program<br>(AAEP)   |                     |
| Crudden, Cathleen        | Queen's University             | Chemistry                                    | Ontario                                   | CANADA      | 03/26/2013  | 1                 | 122 888         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1           | Supercritical fluid<br>chromatography in the<br>synthesis of chiral<br>pharmaceuticals, fine<br>chemicals and organic<br>materials                |                     |
| Cruickshank, Cynthia Ann | Carleton University            | Mechanical & Aerospace<br>Engineering        | Ontario                                   | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de<br>subventions d'engagement partenariat                                | Development of Fiberglass<br>Exterior Door Assembly<br>Equipped with Vacuum<br>Insulation Panels  |                     |
| Cullis, Pieter           | University of British Columbia | Biochemistry and<br>Molecular Biology        | British Columbia/<br>Colombie-Britannique | CANADA      | 02/15/2013  | 2                 | 350 000         | Idea to Innovation/ De l'idée à l'innovation   | A scale-up microfluidic-<br>based manufacturing process<br>for the production of<br>therapeutic lipid<br>nanoparticles: a I2I phase 2b<br>project |                     |
| Cunningham, Michael      | Queen's University             | Chemical Engineering                         | Ontario                                   | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de<br>subventions d'engagement partenariat                                | Development and<br>mechanistic studies of core-<br>shell hybrid nanoparticles<br>based on modified<br>EcoSphere® starch-based<br>nanoparticles    |                     |
| Dahn, Jeff               | Dalhousie University           | Physics and Atmospheric<br>Science           | Nova Scotia/ Nouvelle-<br>Écosse          | CANADA      | 03/19/2013  | 3                 | 215 805         | Collaborative Research and Development<br>Grants/ Subventions de recherche et<br>développement coopérative | Novel gas absorbents for<br>respirator applications   |                     |
| Dallimore, Audrey        | Royal Roads University         | Environment and<br>Sustainability, School of | British Columbia/<br>Colombie-Britannique | CANADA      | 01/28/2013  | 1                 | 75 774          | Discovery Grants Program - Ship Time/<br>Programme de subventions à la découverte -<br>temps navire        | Paleo-seismic Record of the<br>Northern End of the<br>Cascadia Subduction Zone  |                     |
| Damascelli, Andrea       | University of British Columbia | Physics and Astronomy                        | British Columbia/<br>Colombie-Britannique | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de<br>subventions d'engagement partenariat                                | Development of a<br>topologically protected qubit<br>for quantum computation  |                     |
| Damen, Mohamed Oussama   | University of Waterloo         | Electrical & Computer<br>Engineering         | Ontario                                   | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de<br>subventions d'engagement partenariat                                | Low complexity conditional<br>lattice decoding  |                     |

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|----------------------|---|---|-----------------|---------------------------|-------------|-------------------|-----------------|--|---|---------------------|
| Damjanov, Ivana      | Harvard University                            | Harvard-Smithsonian Center for Astrophysics |                 | UNITED STATES/ ÉTATS-UNIS | 01/03/2013  | 3                 | 80 000          | Postdoctoral Fellowships/ Bourses postdoctorales   | Compact Elliptical Galaxies over Cosmic History   |                     |
| Dang, Dinh-Dong      | École de technologie supérieure               | Génie mécanique                             | Québec          | CANADA                    | 01/17/2013  | 4                 | 27 000          | Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat            | Thermal simulation of generators and multiphysics coupling  |                     |
| Dang, Qing-Lai       | Lakehead University                           | Natural Resources Management, Faculty of    | Ontario         | CANADA                    | 03/26/2013  | 1                 | 46 043          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1  | Gas exchange system for plant ecophysiology   |                     |
| D'Angiulli, Amedeo   | Carleton University                           | Neuroscience, Institute of                  | Ontario         | CANADA                    | 03/19/2013  | 2                 | 90 000          | Department of National Defence / NSERC Research Partnership/ Partenariat de recherche du ministère de la Défense nationale et du CRSNG | RECON: Context-Aware Case-Based Reasoning for the Intelligence Virtual Analyst Capability (iVAC)  |                     |
| Daniel, Juliet       | McMaster University                           | Biology                                     | Ontario         | CANADA                    | 03/26/2013  | 1                 | 29 005          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1  | Microscopy Tools for developmental and behavioural studies in vertebrate (Xenopus & Zebrafish) model organisms.                               |                     |
| Danneyrolles, Victor | Université du Québec en Abitibi-Témiscamingue | Sciences appliquées                         | Québec          | CANADA                    | 03/19/2013  | 4                 | 27 000          | Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat            | Reconstitution de la composition de la forêt préindustrielle du Témiscamingue (Québec) à partir des archives de l'arpentage primitif          |                     |
| Dargahi, Javad       | Concordia University                          | Mechanical and Industrial Engineering       | Québec          | CANADA                    | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Geometrical deflection rate calculation for downhole drilling motors  |                     |
| Daugulis, Andrew     | Queen's University                            | Chemical Engineering                        | Ontario         | CANADA                    | 03/26/2013  | 1                 | 43 886          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1  | Purchase of a Steam Sterilizer (Autoclave)  |                     |
| De Guise, Jacques    | École de technologie supérieure               | Génie de la production automatisée          | Québec          | CANADA                    | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Génération automatique de modèles a priori pour la segmentation et la modélisation 3D des structures dentaires à partir d'images Cone Beam CT |                     |
| De Klerk, Arno       | University of Alberta                         | Chemical and Materials Engineering          | Alberta         | CANADA                    | 03/19/2013  | 4                 | 147 351         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                                   | Bitumen oxidation for anaerobic digestion and upgrading   |                     |
| De Montigny, David   | University of Regina                          | Engineering, Faculty of                     | Saskatchewan    | CANADA                    | 02/14/2013  | 3                 | 75 000          | PromoScience   | EYES (Educating Youth in Engineering & Science)   |                     |

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|---------------------|---|--|-----------------|-------------|-------------|-------------------|-----------------|--|---|---------------------|
| De Rosa, Eve        | University of Toronto                     | Psychology (St. George Campus)           | Ontario         | CANADA      | 03/26/2013  | 1                 | 70 795          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Custom crossmodal operant chambers for rodent in vivo electrophysiology and electrochemistry  |                     |
| Dean, Jesse         | LightMachinery Inc.                       | Nepean Location                          | Ontario         | CANADA      | 03/19/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)             | Development of a next-generation gas-discharge laser  |                     |
| Dehghanpour, Hassan | University of Alberta                     | Civil and Environmental Engineering      | Alberta         | CANADA      | 03/19/2013  | 3                 | 179 568         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Measurement, interpretation, and modelling of facturing fluid flowback  |                     |
| Delatolla, Robert   | University of Ottawa/ Université d'Ottawa | Civil Engineering                        | Ontario         | CANADA      | 02/15/2013  | 2                 | 105 000         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Pilot scale investigation and optimization of the moving bed bioreactor (MBBR) as an ammonia removal upgrade technology for lagoon wastewater treatment systems |                     |
| Deng, Chuang        | University of Manitoba                    | Mechanical and Manufacturing Engineering | Manitoba        | CANADA      | 03/26/2013  | 1                 | 134 903         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | In-Situ Nanoindentation Tester  |                     |
| Desbiens, Jessie    | AirBoss-Defense                           | Siège social                             | Québec          | CANADA      | 02/15/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)             | Synthesis, characterisation, understanding of impregnated carbon monolith for air filtration in respiratory protection technology                               |                     |
| Desgreniers, Serge  | University of Ottawa/ Université d'Ottawa | Physics                                  | Ontario         | CANADA      | 03/26/2013  | 1                 | 97 640          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Low Temperature/High Pressure Instrumentation for the Study of Dense Materials  |                     |
| Désilets, Martin    | Université de Sherbrooke                  | Génie mécanique                          | Québec          | CANADA      | 01/18/2013  | 5                 | 575 000         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Développement et optimisation de système électrochimiques: mise au point de modèles mathématiques et de nouvelles applications                                  |                     |

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|------------------------|---|--|--|-------------|-------------|-------------------|-----------------|---|---|---------------------|
| Désilets, Martin       | Université de Sherbrooke  | Génie mécanique                          | Québec                                 | CANADA      | 01/18/2013  | 3                 | 119 800         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                        | Optimisation thermique et hydrodynamique d'un caloduc utilisé dans un échangeur de chaleur industriel   |                     |
| Desjardins, David      | Science East Association Inc.                                       | Head Office                              | New Brunswick/ Nouveau-Brunswick       | CANADA      | 02/14/2013  | 3                 | 75 000          | PromoScience  | FAR OUT SCIENCE   |                     |
| Desjardins, Sonia      | Institut national de la recherche scientifique                      | Centre Eau, Terre et Environnement (ETE) | Québec                                 | CANADA      | 03/19/2013  | 4                 | 27 000          | Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat | Ocre ferreuse : diagnostique, caractérisation et prévention de la contamination   |                     |
| Desjarlais, Alain      | Cégep André-Laurendeau  | Head Office                              | Québec                                 | CANADA      | 03/19/2013  | 5                 | 1000 000        | Industrial Research Chairs for Colleges Grants/ Subventions de chaire de recherche industrielle dans les collèges           | Chaire de recherche industrielle dans les collèges du CRSNG en procédés et instrumentation optiques   |                     |
| Deters, Ralph          | University of Saskatchewan  | Computer Science                         | Saskatchewan                           | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Linking tablets & smartphones to Enterprise Legacy Systems  |                     |
| Dever, Mary            | Shad Valley International   | Head Office                              | Ontario                                | CANADA      | 02/14/2013  | 3                 | 120 000         | PromoScience  | Shad Valley program expansion - increasing capacity by 20%  |                     |
| Dewez, David           | Université du Québec à Montréal                                     | Chimie                                   | Québec                                 | CANADA      | 03/26/2013  | 1                 | 75 233          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                               | Liquid chromatography for ultra-high performance detection of glutathione and phytochelatins involved in the sequestration and detoxification of pollutants |                     |
| DeWitte-Orr, Stephanie | Wilfrid Laurier University  | Biology                                  | Ontario                                | CANADA      | 03/26/2013  | 1                 | 60 032          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                               | Cell lysis apparatus and multiplex array reader   |                     |
| Dhar, Amalesh          | Bulkley Valley Centre for Natural Resources Research and Management | Head Office                              | British Columbia/ Colombie-Britannique | CANADA      | 03/19/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)                                    | Stand dynamics of residual secondary structure after mountain pine beetle attack: growth, regeneration and mid-term timber supply                           |                     |

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| Diallo, Claver            | Dalhousie University                       | Industrial Engineering                         | Nova Scotia/ Nouvelle-Écosse           | CANADA                    | 01/18/2013  | 2                 | 127 167         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                        | Optimization of maintenance operations and spare parts inventory for an heterogeneous fleet of aircrafts.  |                     |
| Diarra, Saliabè Dit Habib | Université de Sherbrooke                   | Géomatique appliquée                           | Québec                                 | CANADA                    | 03/19/2013  | 4                 | 27 000          | Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat | Conception et développement d'un algorithme de système intelligent d'information géographique axé sur les bases de données orientées objet         |                     |
| Diederichs, Mark Stephen  | Queen's University                         | Geological Sciences and Geological Engineering | Ontario                                | CANADA                    | 03/26/2013  | 1                 | 150 000         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                               | Precision controlled vertical actuator for advanced hydro-thermal coupled confined and long term testing for nuclear waste repository geomechanics |                     |
| Dimitrov, Stanko          | University of Waterloo                     | Management Sciences                            | Ontario                                | CANADA                    | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Virtual Market Design: Maximizing Profit in a Video Game Market  |                     |
| Ding, Zhifeng             | The University of Western Ontario          | Chemistry                                      | Ontario                                | CANADA                    | 03/26/2013  | 1                 | 149 381         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                               | Atomic Layer Deposition System   |                     |
| Dingel, Juergen           | Queen's University                         | Computing, School of                           | Ontario                                | CANADA                    | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Compositional specification and analysis of RTEdge models  |                     |
| Dixon, Brian              | University of Waterloo                     | Biology  | Ontario                                | CANADA                    | 03/19/2013  | 3                 | 50 000          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                        | Immunoassays for salmonid cytokines  |                     |
| Dixon, Michael            | University of Guelph                       | Environmental Sciences, School of              | Ontario                                | CANADA                    | 01/18/2013  | 1                 | 25 000          | NSERC Awards for Science Promotion - Organization/ Prix du CRSNG pour la promotion des sciences - organisation              | NSERC Awards for Science Promotion. (Organization)   |                     |
| Djilali, Nedjib           | University of Victoria                     | Mechanical Engineering                         | British Columbia/ Colombie-Britannique | CANADA                    | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Interfacial transport in membrane-electrode assemblies   |                     |
| Donaldson, Michael        | University of Illinois at Urbana-Champaign | Natural Resources and Environmental Sciences   |  | UNITED STATES/ ÉTATS-UNIS | 01/03/2013  | 3                 | 80 000          | Postdoctoral Fellowships/ Bourses postdoctorales  | A conservation physiology approach to mitigating the establishment of invasive species in The Great Lakes.   |                     |

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|------------------|---|---|--|-----------------------------|-------------|-------------------|-----------------|--|---|---------------------|
| Doroudgar, Sina  | Simon Fraser University                   | Mechatronic Systems Engineering               | British Columbia/ Colombie-Britannique | CANADA                      | 03/19/2013  | 3                 | 30 000          | Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel                  | Robust Mechanical Design for Long-Term Operation of A UAV In Extreme Conditions   |                     |
| Dost, Sadik      | University of Victoria                    | Mechanical Engineering                        | British Columbia/ Colombie-Britannique | CANADA                      | 03/26/2013  | 1                 | 33 693          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1            | Precision Wire Saw for Cutting Bulk Single Crystals   |                     |
| Doubleday, Laura | University of Massachusetts - Amherst     | Head Office                                   |  | UNITED STATES/ ÉTATS-UNIS   | 01/03/2013  | 4                 | 63 000          | Postgraduate Scholarships D/ Bourses d'études supérieures D  | Vestigialization of floral attractiveness across a transition from outcrossing to selfing.  |                     |
| Doucette, John   | University of Waterloo                    | Computer Science, David R. Cheriton School of | Ontario                                | CANADA                      | 01/17/2013  | 3                 | 150 000         | Vanier Canada Graduate Scholarships - Doctoral/ Bourses d'études supérieures du Canada Vanier - Doctorat | Preemption dynamics in multiagent resource allocation sensitive to social welfare and user modeling   |                     |
| Douglas, Graeham | University of Cambridge                   | Engineering                                   |  | UNITED KINGDOM/ ROYAUME-UNI | 01/03/2013  | 4                 | 63 000          | Postgraduate Scholarships D/ Bourses d'études supérieures D  | The mechanobiologic perspective of arterial transformation in response to changed stress distributions and influence on disease progression and treatment |                     |
| Drummond, James  | Dalhousie University                      | Physics and Atmospheric Science               | Nova Scotia/ Nouvelle-Écosse           | CANADA                      | 02/15/2013  | 6                 | 5000 000        | Climate Change and Atmospheric Research/ Recherche sur les changements climatique & l'atmosphère         | Research related to the polar environment atmospheric research laboratory (PEARL): Probing the atmosphere of the high arctic (PAHA)                       |                     |
| Du, Weichang     | University of New Brunswick               | Computer Science, Faculty of                  | New Brunswick/ Nouveau-Brunswick       | CANADA                      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                                 | Web Based Client Technologies for Ubiquitous Access to Enterprise Systems   |                     |
| Dubay, Rickey    | University of New Brunswick               | Mechanical Engineering                        | New Brunswick/ Nouveau-Brunswick       | CANADA                      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                                 | Intelligent testing and modelling of wind turbines  |                     |
| Dubay, Rickey    | University of New Brunswick               | Mechanical Engineering                        | New Brunswick/ Nouveau-Brunswick       | CANADA                      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                                 | Intelligent control of a novel seal-less pump for large particle flow   |                     |
| Dubé, Marc       | University of Ottawa/ Université d'Ottawa | Chemical and Biological Engineering           | Ontario                                | CANADA                      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                                 | Bio-synthetic PSA emulsion polymers based on EcoSphere® starch-based nanoparticlese   |                     |

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|-------------------|---|---------------------------------------|---|-----------------------|-------------|-------------------|-----------------|--|--|---------------------|
| Dubé, Marc        | University of Ottawa/ Université d'Ottawa     | Chemical and Biological Engineering   | Ontario                                   | CANADA                | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Pressure-Sensitive Adhesive Property Modification using Nano-Crystalline Cellulose   |                     |
| Dubé, Martine     | École de technologie supérieure               | Génie mécanique                       | Québec                                    | CANADA                | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Conception, fabrication et validation expérimentale d'un prototype d'aube de turbine déformable  |                     |
| Dubey, Girjesh    | Max-Planck-Institute for Solid State Research | Head Office                           |   | GERMANY/<br>ALLEMAGNE | 01/23/2013  | 3                 | 80 000          | Postdoctoral Fellowships/ Bourses postdoctorales   | Field-effect biosensing on oxide-free silicon transistors  |                     |
| Dubljevic, Stevan | University of Alberta                         | Chemical and Materials Engineering    | Alberta                                   | CANADA                | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Modelling, monitoring and parameter estimation of slow pyrolysis auger biothermal reactor  |                     |
| Duhamel, Jean     | University of Waterloo                        | Chemistry                             | Ontario                                   | CANADA                | 01/18/2013  | 5                 | 950 920         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Modification and characterization of starch nanoparticles  |                     |
| Duncan, Robin     | University of Waterloo                        | Kinesiology                           | Ontario                                   | CANADA                | 03/26/2013  | 1                 | 95 389          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Next generation sequencer  |                     |
| Duncan, Roy       | Dalhousie University                          | Microbiology and Immunology           | Nova Scotia/ Nouvelle-Écosse              | CANADA                | 03/26/2013  | 1                 | 149 466         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Multi-user fluorescence microscope for live cell imaging   |                     |
| Dunford, William  | University of British Columbia                | Electrical and Computer Engineering   | British Columbia/<br>Colombie-Britannique | CANADA                | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Battery modelling  |                     |
| Durnford, Dion    | University of New Brunswick                   | Biology (Fredericton)                 | New Brunswick/ Nouveau-Brunswick          | CANADA                | 03/26/2013  | 1                 | 61 915          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Ultracentrifuge for cell fractionation   |                     |
| Dworkin, Seth     | Ryerson University                            | Mechanical and Industrial Engineering | Ontario                                   | CANADA                | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | A Soot Particle Concentration Calculator for Industrial Combustion Applications  |                     |
| Eberhardt, Erik   | University of British Columbia                | Earth and Ocean Sciences              | British Columbia/<br>Colombie-Britannique | CANADA                | 03/26/2013  | 1                 | 148 000         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Understanding rock behaviour at depth:<br>Integration of high pressure-temperature-pore fluid measurements via a servo-controlled stiff testing system for experimental geomechanics |                     |

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| Eic, Mladen                   | University of New Brunswick                   | Chemical Engineering                 | New Brunswick/ Nouveau-Brunswick       | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Removal of heavy hydrocarbons from natural gas  |                     |
| Eklund, Mikael                | University of Ontario Institute of Technology | Head Office                          | Ontario                                | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Dynamic Nonlinear Predictive Control for Assistive Robots   |                     |
| El-Dakhkhni, Wael             | McMaster University                           | Civil Engineering                    | Ontario                                | CANADA      | 01/18/2013  | 5                 | 500 000         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                                 | Blast performance parameters quantification of reinforced masonry walls   |                     |
| Eleftheriades, George         | University of Toronto                         | Electrical & Computer Engineering    | Ontario                                | CANADA      | 03/26/2013  | 1                 | 145 551         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1  | 3D Transformation-Electromagnetics  |                     |
| Emadi, Ali                    | McMaster University                           | Electrical and Computer Engineering  | Ontario                                | CANADA      | 02/15/2013  | 3                 | 360 000         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                                 | Metamaterials   |                     |
| Ensminger, Ingo               | University of Toronto                         | Biology (Mississauga)                | Ontario                                | CANADA      | 03/26/2013  | 1                 | 145 171         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1  | Design and development of a novel test cell for low-voltage, high-speed interior permanent magnet synchronous machines                                    |                     |
| Epand, Richard                | McMaster University                           | Biochemistry and Biomedical Sciences | Ontario                                | CANADA      | 03/26/2013  | 1                 | 103 412         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1  | Plant Phenotyping Laboratory  |                     |
| Es Sabar, Karimah             | Centre for Drug Research and Development      | Head Office                          | British Columbia/ Colombie-Britannique | CANADA      | 03/28/2013  | 2                 | 2040 000        | Centres of Excellence for Commercialization and Research - Group/ Centres d'excellence en commercialisation et en recherche - groupe | Isothermal titration calorimeter  |                     |
| Eskandari, Hani               | Ultrasonix Medical Corporation                | Head Office                          | British Columbia/ Colombie-Britannique | CANADA      | 02/15/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)   | CDRD - The Centre for Drug Research and Development / Centre pour la Recherche et le Développement de Médicaments   |                     |
| Falcon Martinez, Rafael Jesus | Larus Technologies Corp.                      | Head Office                          | Ontario                                | CANADA      | 01/18/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)   | Development of a pre-clinical ultrasound research interface with high-frequency three-dimensional scanning capabilities for advanced small animal imaging |                     |
|                               |   |                                      |  |             |             |                   |                 |  | A risk management framework for decision support systems and its application to situational awareness and response in territorial security scenarios      |                     |



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| Falk, Tiago      | Institut national de la recherche scientifique       | Centre Énergie, Matériaux et Télécommunication - Montréal | Québec                                 | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Next-generation fitness metrics based on innovative multimodal physiological signal analysis   |                     |
| Fall, Mamadou    | University of Ottawa/ Université d'Ottawa            | Civil Engineering   | Ontario                                | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | SAP-based dewatering and densification of oil sands mature fine tailings   |                     |
| Farhat, Zoheir   | Dalhousie University                                 | Process Engineering and Applied Science                   | Nova Scotia/ Nouvelle-Écosse           | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Evaluation of phosphorous and boron electroless nickel-based coatings in severe corrosion and wear environments as alternatives to hard anodizing of aluminum alloys |                     |
| Farzaneh, Masoud | Université du Québec à Chicoutimi                    | Sciences appliquées                                       | Québec                                 | CANADA      | 01/18/2013  | 2                 | 297 600         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                       | Le givrage atmosphérique des équipements des réseaux électriques   |                     |
| Fatehi, Pedram   | Lakehead University                                  | Chemical Engineering                                      | Ontario                                | CANADA      | 03/19/2013  | 4                 | 240 000         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                       | Production of value-added products from kraft lignin   |                     |
| Faucher, Luc     | Cégep de Sept-Îles                                   | Génie des mines, métallurgie et matériaux                 | Québec                                 | CANADA      | 03/19/2013  | 5                 | 1000 000        | Industrial Research Chairs for Colleges Grants/ Subventions de chaire de recherche industrielle dans les collèges          | Chaire de recherche industrielle dans les collèges du CRSNG sur l'exploitation et la maintenance ferroviaire   |                     |
| Fayek, Mostafa   | University of Manitoba                               | Geological Sciences                                       | Manitoba                               | CANADA      | 03/19/2013  | 3                 | 114 750         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                       | Geology and geochemistry of the U and Au mineralization from the Romanet Horst, Quebec, Canada   |                     |
| Fehlmann, Max    | Consortium québécois sur la découverte du médicament | Siège social  | Québec                                 | CANADA      | 03/28/2013  | 2                 | 2073 706        | Business-led Networks of Centres of Excellence Group/ Réseaux de centres d'excellence dirigés par les entreprises - groupe | Quebec Drug Discovery Consortium (CQDM) / Consortium québécois sur la découverte du médicament (CODM)  |                     |
| Fels, Sidney     | University of British Columbia                       | Electrical and Computer Engineering                       | British Columbia/ Colombie-Britannique | CANADA      | 03/26/2013  | 1                 | 47 125          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                              | 8 Channel Multipurpose MRI coil for High Speed MR Imaging  |                     |

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| Fidan, Baris            | University of Waterloo         | Mechanical Engineering and Mechatronics    | Ontario                                   | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                            | Analysis, prediction, and enhancement of CNC gear shaping machine process accuracy and speed levels  |                     |
| Field, Catherine        | University of Alberta          | Agricultural, Food and Nutritional Science | Alberta                                   | CANADA      | 03/26/2013  | 1                 | 123 587         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1    | The ADVIA® 2120i Hematology System   |                     |
| Filleter, Tobin         | University of Toronto          | Mechanical and Industrial Engineering      | Ontario                                   | CANADA      | 03/26/2013  | 1                 | 136 275         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1    | In situ Transmission Electron Microscope   |                     |
| Fischer, Steven         | Queen's University             | Kinesiology & Health Studies, School of    | Ontario                                   | CANADA      | 03/26/2013  | 1                 | 62 062          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1    | Multiphysics Nanoprobing System<br>Portable electromyography and electrical goniometer systems for measuring muscle activations and movements in the field |                     |
| Fischmeister, Sebastian | University of Waterloo         | Electrical & Computer Engineering          | Ontario                                   | CANADA      | 03/26/2013  | 1                 | 43 590          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1    | Embedded Software Validation Laboratory  |                     |
| Fischmeister, Sebastian | University of Waterloo         | Electrical & Computer Engineering          | Ontario                                   | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                            | Hardware-in-the-loop Simulation for Scalable Deposit Module (SDM) Systems  |                     |
| Flanagan, Jennifer      | Actua                          | Head Office                                | Ontario                                   | CANADA      | 02/14/2013  | 3                 | 256 500         | PromoScience  | Inspiring a Northern Workforce   |                     |
| Francis, James          | FIRST Robotics Canada          | Head Office                                | Ontario                                   | CANADA      | 02/14/2013  | 3                 | 100 000         | PromoScience  | Expansion of National Program  |                     |
| Francois, Roger         | University of British Columbia | Earth and Ocean Sciences                   | British Columbia/<br>Colombie-Britannique | CANADA      | 02/15/2013  | 6                 | 4833 355        | Climate Change and Atmospheric Research/<br>Recherche sur les changements climatique & l'atmosphère | The Canadian arctic GEOTRACES program: biogeochemical and tracer study of a rapidly changing arctic ocean  |                     |
| Frank, Brian            | Queen's University             | Electrical and Computer Engineering        | Ontario                                   | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                            | Multi-band 60GHz VCO with selectable VCO band/gain for optimal phase noise performance   |                     |
| Fréchette, Luc          | Université de Sherbrooke       | Génie mécanique                            | Québec                                    | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                            | Investigation of the thermal interface material application process in advanced microelectronics packaging   |                     |

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|-------------------|---------------------------------|---|---|-------------|-------------|-------------------|-----------------|---|--|---------------------|
| Freeman, Mark     | University of Alberta           | Physics                                       | Alberta                                   | CANADA      | 03/26/2013  | 1                 | 39 357          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                            | UHF multi-frequency lockin amplifier for nanomagnetism lab-on-a-chip   |                     |
| French, Leon      | University of Toronto           | Psychology (St. George Campus)                | Ontario                                   | CANADA      | 01/03/2013  | 3                 | 80 000          | Postdoctoral Fellowships/ Bourses postdoctorales  | Bioinformatics for Human Neuroanatomy  |                     |
| Frey, Brendan     | University of Toronto           | Electrical & Computer Engineering             | Ontario                                   | CANADA      | 02/26/2013  | 2                 | 250 000         | John C. Polanyi Award/ Le Prix John-C.-Polanyi  | Nominated for the NSERC John C. Polanyi Award  |                     |
| Fyles, Thomas     | University of Victoria          | Chemistry                                     | British Columbia/<br>Colombie-Britannique | CANADA      | 03/26/2013  | 1                 | 65 865          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                            | Steady-state fluorimeter with NIR  |                     |
| Fyles, Thomas     | University of Victoria          | Chemistry                                     | British Columbia/<br>Colombie-Britannique | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | PFOS extraction technologies   |                     |
| Gagnon, François  | École de technologie supérieure | Génie électrique                              | Québec                                    | CANADA      | 03/26/2013  | 1                 | 111 304         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                            | Équipement de mesure des émissions électromagnétiques produites par des appareils de télécommunications sans fil |                     |
| Gagnon, Ghyslaine | École de technologie supérieure | Génie électrique                              | Québec                                    | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | New techniques for ambient intelligence home interaction network   |                     |
| Gagnon, Graham    | Dalhousie University            | Civil and Resource Engineering                | Nova Scotia/ Nouvelle-Écosse              | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Oxygen Demand Measurement in Drinking Water Biofiltration: A New Opportunity for Mantech                         |                     |
| Gagnon, Jonathan  | École de technologie supérieure | Génie logiciel et des TI                      | Québec                                    | CANADA      | 01/17/2013  | 4                 | 27 000          | Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat | Simulation de fluide interactive appliquée pour les effets visuels   |                     |
| Gagnon, Jonathan  | Université du Québec à Rimouski | Biologie, Chimie et Géographie                | Québec                                    | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Valorisation de macroalgues marines  |                     |
| Gaillet, Bruno    | Université Laval                | Génie chimique                                | Québec                                    | CANADA      | 03/26/2013  | 1                 | 144 715         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                            | Banc de Bioréacteurs contrôlés pour la culture de cellules animales  |                     |
| Gakwaya, Augustin | Université Laval                | Génie mécanique                               | Québec                                    | CANADA      | 02/15/2013  | 4                 | 365 140         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                        | Impact modeling of composite aircraft structures   |                     |
| Galal, Khaled     | Concordia University            | Building, Civil and Environmental Engineering | Québec                                    | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Structural design of large industrial ducts considering large deformations and membrane actions                  |                     |

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| Galiana, Henrietta      | McGill University               | Biomedical Engineering                               | Québec                       | CANADA                       | 01/18/2013  | 1                 | 122 800         | Idea to Innovation/ De l'idée à l'innovation   | Smart & automatic analysis of ocular nystagmus for tracking patients and astronaut health.   |                     |
| Garousi, Vahid          | University of Calgary           | Electrical and Computer Engineering                  | Alberta                      | CANADA                       | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Improving the cost effectiveness of software testing activities and processes  |                     |
| Gauthier, Claude        | Fondation Jeunesse de Richelieu | Centre d'interprétation des énergies renouvelables   | Québec                       | CANADA                       | 02/14/2013  | 3                 | 45 000          | PromoScience   | Ateliers d'expérimentation sur les énergies renouvelables pour les élèves du primaire  |                     |
| Gauvin, Raynald         | McGill University               | Mining & Materials Engineering.                      | Québec                       | CANADA                       | 02/15/2013  | 2                 | 104 348         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Quantitative X-Ray Microanalysis of Bulk Materials at High Energy (60-400 keV)   |                     |
| Geitmann, Anja          | Université de Montréal          | Sciences biologiques                                 | Québec                       | CANADA                       | 03/26/2013  | 1                 | 39 451          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Sample processing workstation for scanning electron microscopy   |                     |
| Gerlich, Adrian         | University of Waterloo          | Mechanical Engineering and Mechatronics              | Ontario                      | CANADA                       | 03/26/2013  | 1                 | 59 597          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Mechanical property indentation tester   |                     |
| Gerson, Alexander       | University of New Mexico        | Biology  |                              | UNITED STATES/<br>ÉTATS-UNIS | 01/03/2013  | 3                 | 80 000          | Postdoctoral Fellowships/ Bourses postdoctorales   | Physiological basis and ecological impacts of protein catabolism as a metabolic strategy to offset water losses in migratory birds |                     |
| Gerstein, Aleeza        | University of Minnesota         | Genetics, Cell Biology & Development-<br>Minneapolis |                              | UNITED STATES/<br>ÉTATS-UNIS | 01/03/2013  | 3                 | 80 000          | Postdoctoral Fellowships/ Bourses postdoctorales   | The effect of genetic background on evolutionary trajectory  |                     |
| Gervais, Guillaume      | McGill University               | Physics  | Québec                       | CANADA                       | 03/26/2013  | 1                 | 50 255          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Urgent Acquisition of a Second-Hand 40 GHz Source for Nanoelectronics Experiments  |                     |
| Ghahremaninezhad, Ahmad | Barrick Gold Corporation        | Alexander St (Vancouver)                             | Ontario                      | CANADA                       | 03/19/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)             | Copper leaching process development  |                     |
| Ghaly, Abdel            | Dalhousie University            | Process Engineering and Applied Science              | Nova Scotia/ Nouvelle-Écosse | CANADA                       | 03/26/2013  | 1                 | 99 245          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Ultra centrifuge for extraction of high value biomolecules   |                     |

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| Gibson, Joel           | University of Guelph            | Integrative Biology                    | Ontario                                   | CANADA      | 01/03/2013  | 3                 | 80 000          | Postdoctoral Fellowships/ Bourses postdoctorales   | Terrestrial arthropod biodiversity analysis using high-throughput next-generation sequencing technology |                     |
| Girard, Alexandre      | Université de Sherbrooke        | Génie mécanique                        | Québec                                    | CANADA      | 02/14/2013  | 3                 | 105 000         | Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D | Développement d'actionneurs cellulaires fiables et légers pour les véhicules aérospatiaux.              |                     |
| Girard, Stéphanie-Anne | Lallemand Inc.                  | Département R&D                        | Ontario                                   | CANADA      | 02/15/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)                           | The evaluation of novel food products containing probiotic microbes                                     |                     |
| Girt, Erol             | Simon Fraser University         | Physics                                | British Columbia/<br>Colombie-Britannique | CANADA      | 03/26/2013  | 1                 | 26 675          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                   | Directional ion beam etching for nanodevice fabrication   |                     |
| Godbout, Nicolas       | École Polytechnique de Montréal | Génie physique                         | Québec                                    | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Optical fibre coupler for the calibration of spectrometers  |                     |
| Godwin, Sean Charles   | Simon Fraser University         | Biological Sciences                    | British Columbia/<br>Colombie-Britannique | CANADA      | 01/17/2013  | 3                 | 30 000          | Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel                            | The impacts of viruses on the fitness of wild sockeye salmon smolts                                     |                     |
| Goldthorpe, Irene      | University of Waterloo          | Electrical & Computer Engineering      | Ontario                                   | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Silver nanowire flexible and transparent electrodes with a smooth surface topology                      |                     |
| Gorczyca, Beata        | University of Manitoba          | Civil Engineering                      | Manitoba                                  | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Optimization of chemical coagulation pre-treatment to prevent nanofilter fouling                        |                     |
| Gordon, Reuven         | University of Victoria          | Electrical and Computer Engineering    | British Columbia/<br>Colombie-Britannique | CANADA      | 03/26/2013  | 1                 | 146 025         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                   | Near-Field Scanning Optical Microscope Required for Nanoplasmonics Research Lab                         |                     |
| Gosselin, Benoît       | Université Laval                | Génie électrique et génie informatique | Québec                                    | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Système asservi d'administration d'oxygène et de bronchodilatateurs                                     |                     |
| Gosselin, Clement      | Université Laval                | Génie mécanique                        | Québec                                    | CANADA      | 01/18/2013  | 3                 | 261 000         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative               | Synthesis, control and experimental validation of a robotic helping hand for manufacturing applications |                     |

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| Gosselin, Frederick   | École Polytechnique de Montréal               | Génie mécanique                | Québec                                    | CANADA      | 03/26/2013  | 1                 | 51 683          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Wind tunnel force/torque balance  |                     |
| Graham, T.C. Nicholas | Queen's University                            | Computing, School of           | Ontario                                   | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Digital Tabletop Interaction for Simulation-Based Training  |                     |
| Grant, Edward R       | University of British Columbia                | Chemistry                      | British Columbia/<br>Colombie-Britannique | CANADA      | 02/15/2013  | 2                 | 57 600          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Gas phase and surface chemistry of dielectric barrier discharge plasmas   |                     |
| Grasselli, Giovanni   | University of Toronto                         | Civil Engineering              | Ontario                                   | CANADA      | 03/26/2013  | 1                 | 149 702         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Nano-indentation system for studying the influence of rock micro-scale properties and material heterogeneity on brittle failure processes in rock                             |                     |
| Gray, Bonnie          | Simon Fraser University                       | Engineering Science, School of | British Columbia/<br>Colombie-Britannique | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Development and characterization of recycled rare earth polymer bonded magnets  |                     |
| Gray, Derek           | McGill University                             | Chemistry                      | Québec                                    | CANADA      | 02/15/2013  | 1                 | 200 000         | Synergy Awards/ Prix synergie  | Nanocrystalline cellulose: From laboratory curiosity to industrial enterprise   |                     |
| Green, Sheldon        | University of British Columbia                | Mechanical Engineering         | British Columbia/<br>Colombie-Britannique | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Development of a virtual impactor for classification of fine, dry industrial powders  |                     |
| Greene, Gregory Allen | University of British Columbia                | Forest Sciences Centre         | British Columbia/<br>Colombie-Britannique | CANADA      | 03/19/2013  | 4                 | 45 000          | Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel              | Fire-Resilient Forests in Dry Ecosystems: The History, Structure, Dynamics and Potential Hazards of Ponderosa Pine and Douglas-fir Forests in the Rocky Mountain Trench of BC |                     |
| Green-Johnson, Julia  | University of Ontario Institute of Technology | Science, Faculty of            | Ontario                                   | CANADA      | 02/15/2013  | 2                 | 80 080          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Investigating Anti-Atherogenic Potential of Fermented Dairy Products  |                     |
| Groulx, Dominic       | Dalhousie University                          | Mechanical Engineering         | Nova Scotia/ Nouvelle-Écosse              | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Interconnected Energy Flow Analysis and Heat Recovery Strategy of the Michelin Bridgewater Manufacturing Facility   |                     |

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| Guibault, François        | École Polytechnique de Montréal | Génie informatique et génie logiciel                             | Québec                                 | CANADA      | 01/18/2013  | 3                 | 127 000         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                        | Étude et contrôle des propriétés des maillages hybrides sur la précision des calculs RANS par la méthode des volumes finis                               |                     |
| Gupta, Kamal              | Simon Fraser University         | Engineering Science, School of                                   | British Columbia/ Colombie-Britannique | CANADA      | 03/26/2013  | 1                 | 49 940          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                               | Additional modules for SFU Autonomous Mobile Manipulator   |                     |
| Haas, Christian           | York University                 | Earth and Space Science and Engineering                          | Ontario                                | CANADA      | 03/26/2013  | 1                 | 126 423         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                               | INSTRUMENTATION FOR SEA ICE MASS BALANCE MEASUREMENTS IN THE HIGH CANADIAN ARCTIC  |                     |
| Haas, Tara                | York University                 | Kinesiology and Health Science, School of                        | Ontario                                | CANADA      | 03/26/2013  | 1                 | 40 741          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                               | Acquisition of a Multi-Modal Plate Reader  |                     |
| Habash, Marc              | University of Guelph            | Environmental Sciences, School of                                | Ontario                                | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Stantec-University of Guelph: Using qPCR to Assess Waterborne Pathogens in Source Waters for QMRA Implementation in Water Treatment Facility             |                     |
| Habibzadeh Boukani, Hamid | École de technologie supérieure | Génie mécanique  | Québec                                 | CANADA      | 03/19/2013  | 4                 | 27 000          | Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat | Design Evaluation of the reliability of various NDT methods for the detection and the characterization of defects in hydroelectric turbine welded joints |                     |
| Hachkowski, Chris         | Nipissing University            | Schulich School of Education                                     | Ontario                                | CANADA      | 02/14/2013  | 3                 | 33 000          | PromoScience  | Science, Technology, Environmental and Mathematics Camps   |                     |
| Hale, Beverley            | University of Guelph            | Environmental Sciences, School of                                | Ontario                                | CANADA      | 01/18/2013  | 5                 | 472 500         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                        | Bioaccessibility, bioavailability and mineralogy of soil metal contaminants for application to site specific risk assessment                             |                     |
| Hare, Warren              | University of British Columbia  | Okanagan - Computer Science, Mathematics, Physics and Statistics | British Columbia/ Colombie-Britannique | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Optimization of vibration absorbing elements for seismic damage reduction  |                     |

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| Harms, Diane            | Lakeland College   | Head Office  | Alberta                                   | CANADA                       | 03/19/2013  | 6                 | 2300 000        | College and Community Innovation Program/<br>Programme d'innovation dans les collèges et la communauté                   | Enhancing Commercial<br>Agricultural Productivity<br>and Building the Rural<br>Bioeconomy  |                     |
| Harris, Laurence        | York University  | Psychology   | Ontario                                   | CANADA                       | 03/26/2013  | 1                 | 33 792          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                         | Eye and head tracking<br>during tactile stimulation  |                     |
| Hart, Miranda           | University of British Columbia   | Okanagan - Biology                                     | British Columbia/<br>Colombie-Britannique | CANADA                       | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de<br>subventions d'engagement partenariat  | Promoting vineyard<br>sustainability through<br>arbuscular mycorrhizal fungi   |                     |
| Harvey, Pierre          | Université de Sherbrooke   | Chimie   | Québec                                    | CANADA                       | 03/26/2013  | 1                 | 148 966         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                         | Remplacement du<br>spectrofluoromètre /<br>Replacement of the<br>spectrofluorometer  |                     |
| Harvey, Pierre          | Collège Mérici   | Siège Social   | Québec                                    | CANADA                       | 03/19/2013  | 1                 | 25 000          | Applied Research and Development Grants -<br>Level 1/ Subventions de recherche et<br>développement appliquée - niveau 1  | Développement d'une<br>nouvelle orthèse d'éirement<br>progressif   |                     |
| Harvey-Collard, Patrick | Université de Sherbrooke   | Physique   | Québec                                    | CANADA                       | 02/14/2013  | 3                 | 105 000         | Alexander Graham Bell Canada Graduate<br>Scholarship D/ Bourse d'études supérieures du<br>Canada Alexander-Graham-Bell D | Manipulation cohérente du<br>spin électronique dans les<br>boîtes quantiques en<br>silicium à l'aide de micro-<br>aimants.   |                     |
| Hasegawa, Takashi       | University of British Columbia   | Earth and Ocean<br>Sciences                            | British Columbia/<br>Colombie-Britannique | CANADA                       | 02/14/2013  | 1                 | 40 000          | JSPS Researcher Exchange Program/<br>Programme d'échange de la SJPS pour<br>chercheur japonais                           | Testing the hypothesis that<br>the North Pacific guided the<br>cooling of the Cretaceous<br>greenhouse Earth:<br>geological survey and<br>analyses of chemical proxies |                     |
| Hassani, Faramarz       | McGill University  | Mining & Materials<br>Engineering.                     | Québec                                    | CANADA                       | 02/15/2013  | 4                 | 599 023         | Collaborative Research and Development<br>Grants/ Subventions de recherche et<br>développement coopérative               | Pipeline wear in minefill<br>distribution systems  |                     |
| Hayton, Scott           | Stanford University  | Psychiatry & Behavioral<br>Science                     |   | UNITED STATES/<br>ÉTATS-UNIS | 01/03/2013  | 3                 | 80 000          | Postdoctoral Fellowships/ Bourses<br>postdoctorales  | Dorsal Striatum's<br>Contribution to Sequence<br>Learning: Behavioural and<br>Synaptic Correlates  |                     |
| Heath, Daniel           | University of Windsor  | Great Lakes Inst. for<br>Environmental Res.<br>(GLIER) | Ontario                                   | CANADA                       | 03/26/2013  | 1                 | 27 808          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                         | High through-put digital<br>field-based fish<br>measurement system   |                     |
| Hechinger, Françoise    | Organisation for Economic Co-<br>operation and Development/<br>Organisation de coopération et de<br>développement économique | Head Office  |   | FRANCE                       | 03/06/2013  | 1                 | 32 384          | Unique Initiatives Fund/ Fonds d'initiatives<br>uniques  | Annual contribution from<br>NSERC in support of the<br>Global Science Forum  |                     |



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| Hegmann, Frank            | University of Alberta           | Physics  | Alberta                                   | CANADA                         | 03/26/2013  | 1                 | 55 600          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                  | Essential pump laser replacement for an ultrafast laser amplifier system   |                     |
| Henderson, Deborah        | Kwantlen Polytechnic University | Head Office                                      | British Columbia/<br>Colombie-Britannique | CANADA                         | 01/18/2013  | 1                 | 25 000          | Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1 | Developing a Trichoderma Biofungicide Product for Management of Soil-Borne Plant Pathogens in Ornamental Plant Production Phase I  |                     |
| Hernández, Roger          | Université Laval                | Sciences du bois et de la forêt                  | Québec                                    | CANADA                         | 03/26/2013  | 1                 | 55 340          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                  | Caméra haute vitesse pour des études sur l'usinage du bois et de produits du bois ainsi que sur la triboluminescence               |                     |
| Hesp, Simon               | Queen's University              | Chemistry  | Ontario                                   | CANADA                         | 02/15/2013  | 3                 | 160 000         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative              | Effect of warm mix additives on asphalt cement, asphalt rubber and asphalt mixture quality and durability                          |                     |
| Hill, Reghan              | McGill University               | Chemical Engineering                             | Québec                                    | CANADA                         | 03/26/2013  | 1                 | 145 097         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                  | A rotational magnetic-bearing rheometer for soft-materials characterization  |                     |
| Hillier, Cailin Elizabeth | University of Waterloo          | Earth & Environmental Sciences                   | Ontario                                   | CANADA                         | 01/17/2013  | 3                 | 30 000          | Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel                           | Assessing Transient Nature of Vulnerability and Nitrate Loading to Regional Supply Wells through Advanced Technology and Telemetry |                     |
| Hintz, William            | University of Victoria          | Biology  | British Columbia/<br>Colombie-Britannique | CANADA                         | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Bioremediation of hydrocarbon and organic contaminated wastes  |                     |
| Hitchcock, Adam Peter     | University of Cambridge         | Applied Mathematics & Theoretical Physics(DAMTP) |   | UNITED KINGDOM/<br>ROYAUME-UNI | 01/03/2013  | 3                 | 80 000          | Postdoctoral Fellowships/ Bourses postdoctorales  | Planetary waves in Stratosphere-Troposphere coupling   |                     |
| Hoa, Van Suong            | Concordia University            | Head Office                                      | Québec                                    | CANADA                         | 02/15/2013  | 3                 | 495 000         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative              | Composite rotor flex beam flapping optimization  |                     |
| Hof, Fraser               | University of Victoria          | Chemistry  | British Columbia/<br>Colombie-Britannique | CANADA                         | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | A chemical method for specific metabolite enrichment   |                     |

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| Hofstein, Raphael                 | MaRS Innovation                | Head Office                               | Ontario                                | CANADA      | 03/28/2013  | 2                 | 5067 000        | Centres of Excellence for Commercialization and Research - Group/ Centres d'excellence en commercialisation et en recherche - groupe | MI - MaRS Innovation   |                     |
| Hojjati, Mehdi                    | Concordia University           | Mechanical and Industrial Engineering     | Québec                                 | CANADA      | 03/26/2013  | 1                 | 121 802         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1  | Laser unit for thermoplastic composite manufacturing using Automated Fiber Placement   |                     |
| Holmes, Melissa                   | University of Toronto          | Psychology (Mississauga)                  | Ontario                                | CANADA      | 03/26/2013  | 1                 | 53 734          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1  | Circadian and telemetry equipment for behavioural assessment of eusocial mammals   |                     |
| Holzman, Jonathan                 | University of British Columbia | Okanagan - Engineering, School of         | British Columbia/ Colombie-Britannique | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Surface micromilling of 3-D titanium forms   |                     |
| Hood, David                       | York University                | Kinesiology and Health Science, School of | Ontario                                | CANADA      | 03/26/2013  | 1                 | 143 438         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1  | Ultracentrifuge and rotors   |                     |
| Horsman, Geoffrey                 | Wilfrid Laurier University     | Chemistry                                 | Ontario                                | CANADA      | 03/26/2013  | 1                 | 108 253         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1  | Fast Protein Liquid Chromatography (FPLC) System for Protein Purification  |                     |
| Hossain, Khandaker Muhammed Anwar | Ryerson University             | Civil Engineering                         | Ontario                                | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Performance Evaluation of Engineered Newark Concrete Forming Tubes for Construction Applications   |                     |
| Hou, Yun Yan                      | TC Scientific Inc.             | Head Office                               | Alberta                                | CANADA      | 01/18/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)   | Photochemical synthesis of aromatic heterocycles for drug discovery  |                     |
| Howland, John                     | University of Saskatchewan     | Physiology                                | Saskatchewan                           | CANADA      | 03/26/2013  | 1                 | 45 486          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1  | Touchscreen system for visual cognition in rats.   |                     |
| Huck, Peter                       | University of Waterloo         | Civil & Environmental Engineering         | Ontario                                | CANADA      | 03/26/2013  | 1                 | 149 648         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1  | High Performance Liquid Chromatograph Coupled to a Tandem Mass Spectrometry (HPLC/MS/MS) for the Detection of Organic Micropollutants in Water |                     |
| Huck, Peter                       | University of Waterloo         | Civil & Environmental Engineering         | Ontario                                | CANADA      | 02/15/2013  | 5                 | 1261 461        | Industrial Research Chairs/ Professeurs-chercheurs industriels   | NSERC Senior Industrial Research Chair in Advancing Treatment and Reducing Risk  |                     |

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| Hudlicky, Tomas        | Brock University                              | Chemistry                                   | Ontario                                | CANADA      | 03/26/2013  | 1                 | 149 468         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Purchase of LC/MS system for analysis of libraries of active compounds   |                     |
| Hudson, Robert         | The University of Western Ontario             | Chemistry                                   | Ontario                                | CANADA      | 03/26/2013  | 1                 | 58 063          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Microwave Assisted Chemistry: Small molecule and Peptide Synthesis   |                     |
| Hugenholtz, Chris      | University of Lethbridge                      | Geography                                   | Alberta                                | CANADA      | 03/26/2013  | 1                 | 69 550          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Dust emission measurement system - PI-SWERL  |                     |
| Huot, Yannick          | Université de Sherbrooke                      | Géomatique appliquée                        | Québec                                 | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Innovative lighting systems for mass algal culture   |                     |
| Hutchings, Jeffrey     | Dalhousie University                          | Biology                                     | Nova Scotia/ Nouvelle-Écosse           | CANADA      | 03/26/2013  | 1                 | 34 633          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Field Vehicle in Support of Research on Evolutionary Ecology and Conservation Biology of Fishes                          |                     |
| Hutchinson, Robin      | Queen's University                            | Chemical Engineering                        | Ontario                                | CANADA      | 03/19/2013  | 3                 | 60 000          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Particle nucleation in non-aqueous dispersions: solventborne particles for automotive coatings                           |                     |
| Hyatt, Alex            | StemCell Tech Inc.                            | Head Office                                 | British Columbia/ Colombie-Britannique | CANADA      | 02/15/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)             | Development of methylcellulose-based matrices for cell culture and directed differentiation of stem and progenitor cells |                     |
| Ibrahim, Walid Morsi   | University of Ontario Institute of Technology | Engineering and Applied Science, Faculty of | Ontario                                | CANADA      | 02/15/2013  | 3                 | 222 000         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Intelligent single-point energy consumption monitoring for intensive energy sectors applications                         |                     |
| Ilie, Lucian           | The University of Western Ontario             | Computer Science                            | Ontario                                | CANADA      | 03/26/2013  | 1                 | 69 333          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Bioinformatics Tools for Advancing Genomics and Proteomics   |                     |
| Iliuta, Maria Cornelia | Université Laval                              | Génie chimique                              | Québec                                 | CANADA      | 03/26/2013  | 1                 | 40 772          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Multicomponent Flowing Gas / Vapor IGA ACS System  |                     |

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| Imam, Yehya             | Ecofish Research Ltd                    | Head Office                                    | British Columbia/<br>Colombie-Britannique | CANADA      | 01/18/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)             | Water temperature predictive model to aid in assessment of environmental impact due to small hydropower development in South Coastal BC aquatic ecosystems                          |                     |
| Inal, Kaan              | University of Waterloo                  | Mechanical Engineering and Mechatronics        | Ontario                                   | CANADA      | 02/15/2013  | 5                 | 2566 380        | Automotive Partnership Canada Project/ Partenariat automobile du Canada                              | Sustainable lightweighting technologies: High strength high crush efficiency extruded aluminum front rails for lightweight bodies   |                     |
| Iyer, Ashwin            | University of Alberta                   | Engineering, Faculty of                        | Alberta                                   | CANADA      | 03/19/2013  | 2                 | 60 000          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Metamaterial-based electromagnetic bandgap structures for surface-wave suppression and mutual-coupling reduction in GPS antennas  |                     |
| Jabaji, Suha            | McGill University                       | Plant Science                                  | Québec                                    | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Enhancement of oil recovery with microbial consortium   |                     |
| Jackson, Michael        | Ruby Lake Lagoon Nature Reserve Society | Head Office                                    | British Columbia/<br>Colombie-Britannique | CANADA      | 03/04/2013  | 3                 | 50 100          | PromoScience   | Natural Connections: Youth Science Engagement Program   |                     |
| Jacques, Pierre-Étienne | Université de Sherbrooke                | Sciences, Faculté des                          | Québec                                    | CANADA      | 03/26/2013  | 1                 | 32 044          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | A web server integrated into a supercomputer for a new generation of bioinformatics tools / Serveur web intégré à un superordinateur pour une nouvelle génération d'outils bio-info |                     |
| Jahazi, Mohammad        | École de technologie supérieure         | Génie mécanique                                | Québec                                    | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Influence of cryogenic treatment on microstructure and mechanical properties of high strength tool steels   |                     |
| Jamieson, Heather       | Queen's University                      | Geological Sciences and Geological Engineering | Ontario                                   | CANADA      | 03/19/2013  | 2                 | 54 545          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Geochemical controls on the release of rare earth elements from nechalacho tailings   |                     |

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|-----------------------|---|---------------------------------------|------------------------------|-------------|-------------|-------------------|-----------------|---|--|---------------------|
| Jarvinen, Amber       | Lakehead University                       | Biorefining Research Initiative (BRI) | Ontario                      | CANADA      | 01/17/2013  | 4                 | 45 000          | Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel       | Isolation and Characterization of Sulfate Reducing Bacteria for Treatment of Gold Mine Drainage                                |                     |
| Jarvis, Jesse         | University of Guelph                      | Environmental Sciences, School of     | Ontario                      | CANADA      | 01/17/2013  | 3                 | 30 000          | Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel       | Reassessment of former karner blue butterfly sites for habitat suitability for reintroduction                                  |                     |
| Jay, Ollie            | University of Ottawa/ Université d'Ottawa | Health Sciences, Faculty of           | Ontario                      | CANADA      | 03/26/2013  | 1                 | 70 138          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1 | Hypoxic Chamber for Studying Thermoregulatory and Metabolic Functions in Humans  |                     |
| Jedezsko, Christopher | Xagenic Inc.                              | Head Office                           | Ontario                      | CANADA      | 03/19/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)      | Rapid detection of mycoplasma  |                     |
| Jenkin, Michael       | York University                           | Computer Science and Engineering      | Ontario                      | CANADA      | 03/26/2013  | 1                 | 29 414          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1 | 6DOF virtual reality tracker   |                     |
| Jennewein, Thomas     | University of Waterloo                    | Physics and Astronomy                 | Ontario                      | CANADA      | 03/26/2013  | 1                 | 149 110         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1 | Towards a global quantum Internet: quantum communication tools for long-range ground based interconnects to quantum satellites |                     |
| Jia, Zongchao         | Queen's University                        | Biomedical and Molecular Sciences     | Ontario                      | CANADA      | 03/26/2013  | 1                 | 118 094         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1 | Monitoring Biomolecular Interactions using Isothermal Titration Calorimetry  |                     |
| Jodoin, Bertrand      | University of Ottawa/ Université d'Ottawa | Mechanical Engineering                | Ontario                      | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                      | Cold Spray of Anti-Fretting Coatings   |                     |
| Johnston, Graeme      | University of Alberta                     | Civil and Environmental Engineering   | Alberta                      | CANADA      | 03/19/2013  | 3                 | 30 000          | Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel       | Behaviour of double-coped beam-to-girder connections under combined loading  |                     |
| Jones, Katherine      | Cape Breton University                    | Biology                               | Nova Scotia/ Nouvelle-Écosse | CANADA      | 02/14/2013  | 3                 | 45 000          | PromoScience  | Exploration Sea Chests & Molecule Making Machines: Biology & Chemistry kits to inspire young minds in Cape Breton              |                     |

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|-----------------------|---|---|--|-------------|-------------|-------------------|-----------------|---|--|---------------------|
| Jones, Lyndon         | University of Waterloo                    | Optometry, School of                          | Ontario                                | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                      | Effects of a low humidity environment and visual tasking on tear film protein composition                      |                     |
| Jones, Stephen        | St. Boniface General Hospital             | St. Boniface General Hospital Research Centre | Manitoba                               | CANADA      | 03/04/2013  | 3                 | 60 000          | PromoScience  | SBRC Youth BIOLab  |                     |
| Jourdan, Guy-Vincent  | University of Ottawa/ Université d'Ottawa | Engineering, Faculty of                       | Ontario                                | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                      | Assurance Level (AL2) and AL3 Identity Assurance for Tablet-Based Systems                                      |                     |
| Julian, Stephen       | University of Toronto                     | Physics (St. George Campus)                   | Ontario                                | CANADA      | 03/26/2013  | 1                 | 150 000         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1 | Closed cycle helium liquefaction for research instruments in physics at the University of Toronto              |                     |
| Jun, Martin Byung-Guk | University of Victoria                    | Mechanical Engineering                        | British Columbia/ Colombie-Britannique | CANADA      | 03/26/2013  | 1                 | 146 178         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1 | Dimension and Surface Characterization of Precision Micromachined 3D Components with Micro/Nano-Scale Features |                     |
| Kalan, Lindsay        | Exciton Technologies Inc.                 | Head Office                                   | Alberta                                | CANADA      | 03/19/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)      | Investigation into the anti-biofilm activity of highly oxidized silver species                                 |                     |
| Kanso, Ali            | Ericsson Canada Inc.                      | Head Office                                   | Québec                                 | CANADA      | 02/15/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)      | Incorporating high availability and efficient resource utilization in telecom-grade green cloud environments   |                     |
| Kantzas, Apostolos    | University of Calgary                     | Chemical and Petroleum Engineering            | Alberta                                | CANADA      | 03/19/2013  | 5                 | 1999 815        | Industrial Research Chairs/ Professeurs-chercheurs industriels                                | NSERC Industrial Research Chair in Modelling Fundamentals of Unconventional Resources                          |                     |
| Karamanev, Dimitre    | The University of Western Ontario         | Chemical and Biochemical Engineering          | Ontario                                | CANADA      | 02/15/2013  | 2                 | 200 000         | Idea to Innovation/ De l'idée à l'innovation  | Scale up and demonstration of 10kW biogenerator  |                     |
| Karboune, Salwa       | McGill University                         | Food Science and Agricultural Chemistry       | Québec                                 | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                      | Enrichment of yeast cell wall extract with beta-glucan a functional ingredient of great potential              |                     |

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| Kashyap, Raman       | École Polytechnique de Montréal                                  | Head Office                                | Québec                                    | CANADA      | 03/26/2013  | 1                 | 38 702          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                                  | UNIVERSE: Urgent Need<br>For Visible and IR Optical<br>Spectrum Analysers   |                     |
| Keating, Laura       | Humber College Institute of<br>Technology & Advanced<br>Learning | Head Office                                | Ontario                                   | CANADA      | 03/19/2013  | 2                 | 148 733         | College - University Idea to Innovation Grants/<br>Subventions De l'idée à innovation pour les<br>universités et les collèges     | Appropriate Water<br>Treatment Technology for<br>Remote and Northern<br>Communities   |                     |
| Kendall, Brian       | University of Waterloo   | Earth & Environmental<br>Sciences          | Ontario                                   | CANADA      | 03/26/2013  | 1                 | 94 550          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                                  | Microwave digestion system<br>and carbon-sulfur<br>determinator for petroleum<br>geochemistry and<br>paleoceanography research    |                     |
| Kenny, Glen          | University of Ottawa/ Université<br>d'Ottawa                     | Human Kinetics, School<br>of               | Ontario                                   | CANADA      | 03/26/2013  | 1                 | 60 210          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                                  | Understanding the<br>physiological factors<br>affecting human heat<br>dissipation   |                     |
| Keselj, Vlado        | Dalhousie University   | Computer Science,<br>Faculty of            | Nova Scotia/ Nouvelle-<br>Écosse          | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de<br>subventions d'engagement partenariat   | Social Lead Mining using<br>Semantic Role Labeling  |                     |
| Khamesee, Mir Behrad | University of Waterloo   | Mechanical Engineering<br>and Mechatronics | Ontario                                   | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de<br>subventions d'engagement partenariat   | Development of<br>Magnetically Levitated<br>Platform for Camera Slider<br>Applications  |                     |
| Kharik, Ekaterina    | Université Laval   | Génie civil et génie des<br>eaux           | Québec                                    | CANADA      | 01/17/2013  | 4                 | 27 000          | Industrial Scholarship in Partnership with the<br>FQRNT- Doctoral/ Bourse industrielle en<br>partenariat avec le FQRNT - Doctorat | Caractérisation de la glace<br>de neige pour intégration<br>dans une modélisation de la<br>poussée de glace                       |                     |
| Kinthead, Richard    | Université Laval   | Pédiatrie                                  | Québec                                    | CANADA      | 03/26/2013  | 1                 | 132 116         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                                  | Electrophysiology set up for<br>respiratory neurobiology  |                     |
| Kitaev, Vladimir     | Wilfrid Laurier University                                       | Chemistry                                  | Ontario                                   | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de<br>subventions d'engagement partenariat   | Improving Colloidal<br>Stability of Micro- and<br>Nanoparticle Dispersions for<br>Better Shelf-Life and<br>Extended Product Range |                     |
| Kitching, Matthew    | 360pi Corporation  | Head Office                                | Ontario                                   | CANADA      | 02/15/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses<br>postdoctorales de R et D industrielle (BPRDI)                                       | Fast and effective<br>classification for big data   |                     |
| Kjeang, Erik         | Simon Fraser University  | Mechatronic Systems<br>Engineering         | British Columbia/<br>Colombie-Britannique | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de<br>subventions d'engagement partenariat   | Life cycle assessment tool<br>for sustainable fleet<br>management   |                     |

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| Kleitz, Freddy            | Université Laval                | Chimie                                       | Québec                       | CANADA      | 03/26/2013  | 1                 | 134 050         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | High-resolution multiple gas sorption analyser for advanced nanoporous materials characterization       |                     |
| Klemborg-Sapieha, Jolanta | École Polytechnique de Montréal | Génie physique                               | Québec                       | CANADA      | 03/26/2013  | 1                 | 57 539          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | GALLING TESTING SYSTEM  |                     |
| Knights, Andrew           | McMaster University             | Engineering Physics                          | Ontario                      | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Design, fabrication and test of a silicon-based tuneable filter for integration with a comb laser       |                     |
| Kolios, Michael           | Ryerson University              | Physics                                      | Ontario                      | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Non-contact methodology to detect surface displacements for photoacoustic imaging reconstruction        |                     |
| Kollman, Justin           | McGill University               | Anatomy and Cell Biology                     | Québec                       | CANADA      | 03/26/2013  | 1                 | 67 808          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Acquisition of a cryogenic holder for cryo-electron microscopy  |                     |
| Koper, Nicola             | University of Manitoba          | Natural Resources Institute                  | Manitoba                     | CANADA      | 02/15/2013  | 5                 | 680 179         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Effects of oil wells and associated infrastructure on grassland songbirds, including species at risk    |                     |
| Kremer, Stefan            | University of Guelph            | Computing and Information Science, School of | Ontario                      | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Development of a Numerical Algorithm for Three Dimensional Automatic Lithology Correlation              |                     |
| Krishnan, Sridhar         | Ryerson University              | Electrical and Computer Engineering          | Ontario                      | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Computer detection algorithms for neuropathology image analysis   |                     |
| Krylov, Sergey            | York University                 | Chemistry                                    | Ontario                      | CANADA      | 03/26/2013  | 1                 | 148 390         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Instrumentation for Discovery and Validation of Cancer Subtypes through Analysis of MicroRNA Signatures |                     |
| Kulshreshtha, Garima      | Dalhousie University            | Biology                                      | Nova Scotia/ Nouvelle-Écosse | CANADA      | 03/19/2013  | 3                 | 30 000          | Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel              | The use of chemical components from red seaweeds for the reduction of Salmonella enteritidis in poultry |                     |



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|----------------------------|-----------------------------------|---|--|-------------|-------------|-------------------|-----------------|--|--|---------------------|
| Kumar, Alope               | University of Alberta             | Mechanical Engineering                  | Alberta                                | CANADA      | 03/26/2013  | 1                 | 106 553         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                                       | Non-invasive micro/nano manipulation using opto-electrofluidics  |                     |
| Kumar, Amit                | University of Alberta             | Mechanical Engineering                  | Alberta                                | CANADA      | 01/18/2013  | 3                 | 99 000          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                                   | Integration of hydrogenation-derived renewable diesel with conventional diesel   |                     |
| Kunz, Thomas               | Carleton University               | Systems and Computer Engineering        | Ontario                                | CANADA      | 02/15/2013  | 2                 | 40 000          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                                   | Accurate and secure clock synchronization in data packet networks  |                     |
| Kushner, Paul              | University of Toronto             | Physics (St. George Campus)             | Ontario                                | CANADA      | 02/15/2013  | 6                 | 3619 312        | Climate Change and Atmospheric Research/ Recherche sur les changements climatique & l'atmosphère                                       | The Canadian sea ice and snow evolution (CanSISE) network  |                     |
| Kutulakos, Kiriakos        | University of Toronto             | Computer Science (St. George Campus)    | Ontario                                | CANADA      | 03/26/2013  | 1                 | 148 152         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                                       | Computational and Optical Light Field Processing   |                     |
| Kutz, Susan                | University of Calgary             | Veterinary Medicine, Faculty of         | Alberta                                | CANADA      | 03/26/2013  | 1                 | 62 850          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                                       | Double-headed, differential interference contrast microscope, with dedicated camera assembly for parasitological research and training of HQP. |                     |
| Kwon, Hyock Ju             | University of Waterloo            | Mechanical Engineering and Mechatronics | Ontario                                | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Prevention of Stress Corrosion Cracking in Neutron Flux Detectors  |                     |
| Lacey, Veronica            | The Learning Partnership          | Head Office                             | Ontario                                | CANADA      | 02/14/2013  | 3                 | 30 000          | PromoScience   | I cube Investigate! Innovate!  |                     |
| Lafaye de Micheaux, Pierre | Université de Montréal            | Mathématiques et de statistique         | Québec                                 | CANADA      | 03/26/2013  | 1                 | 28 143          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                                       | Computational resources for research in mathematics and statistics   |                     |
| Lagugné-Labarthe, François | The University of Western Ontario | Chemistry                               | Ontario                                | CANADA      | 03/26/2013  | 1                 | 53 000          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                                       | Profilometer for Controlling Etching and Deposition Rates of Materials in Nanofabrication Processes  |                     |
| Lamontagne, Luc            | Université Laval                  | Informatique et de génie logiciel       | Québec                                 | CANADA      | 03/19/2013  | 2                 | 65 216          | Department of National Defence / NSERC Research Partnership/ Partenariat de recherche du ministère de la Défense nationale et du CRSNG | An intelligent virtual assistant framework based on adaptive question answering and machine learning   |                     |
| Lampe, Lutz                | University of British Columbia    | Electrical and Computer Engineering     | British Columbia/ Colombie-Britannique | CANADA      | 03/19/2013  | 1                 | 110 000         | Idea to Innovation/ De l'idée à l'innovation   | Physical layer collision resolution for active RFID systems  |                     |

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| Lan, Christopher     | University of Ottawa/ Université d'Ottawa                            | Chemical and Biological Engineering                     | Ontario                                | CANADA      | 03/26/2013  | 1                 | 68 405          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                  | Sterilizers for research in biotechnology   |                     |
| Landry, Christian    | Université Laval   | Biologie  | Québec                                 | CANADA      | 03/26/2013  | 1                 | 133 984         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                  | Un séquenceur de table de nouvelle génération pour la génomique fonctionnelle, la génomique comparative et la biologie des systèmes                             |                     |
| Landry, Josée Karine | Collège communautaire du Nouveau-Brunswick                           | CCNB - Campus d'Edmundston                              | New Brunswick/ Nouveau-Brunswick       | CANADA      | 01/18/2013  | 1                 | 25 000          | Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1 | Process Improvement for the Production of Electrically Conductive Paper   |                     |
| Lang, Jochen         | University of Ottawa/ Université d'Ottawa                            | Electrical Engineering and Computer Science , School of | Ontario                                | CANADA      | 03/26/2013  | 1                 | 26 175          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                  | A high-resolution omnidirectional video camera for computational photography  |                     |
| Langlois, Alexandre  | Université de Sherbrooke   | Géomatique appliquée                                    | Québec                                 | CANADA      | 03/26/2013  | 1                 | 26 514          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                  | Polar meteorological and snow measurements of winter extreme events / Mesures de neige et météorologiques des événements extrêmes hivernaux des régions nolaies |                     |
| Langlois, Pierre     | École Polytechnique de Montréal                                      | Génie informatique et génie logiciel                    | Québec                                 | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Algorithmes et architectures pour le contrôle embarqué de caméras à EMCCD   |                     |
| Lashkari, Nima       | University of British Columbia                                       | Physics and Astronomy                                   | British Columbia/ Colombie-Britannique | CANADA      | 01/16/2013  | 3                 | 80 000          | Postdoctoral Fellowships/ Bourses postdoctorales  | Emergence of space-time in quantum gravity  |                     |
| Laurendeau, Eric     | École Polytechnique de Montréal                                      | Génie mécanique   | Québec                                 | CANADA      | 01/18/2013  | 3                 | 240 000         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative              | Multi-fidelity computational fluid dynamics for aircraft stability and control aerodynamics   |                     |
| Lawless, Darren      | Sheridan Institute of Technology and Advanced Learning               | Head Office   | Ontario                                | CANADA      | 03/19/2013  | 6                 | 1750 000        | Technology Access Centre/ Centre d'accès à la technologie   | Ontario Screen Industries Technology Access Centre  |                     |
| Lawrence, Michelle   | Laurentian University of Sudbury/ Université Laurentienne de Sudbury | Biology   | Ontario                                | CANADA      | 01/17/2013  | 3                 | 30 000          | Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel                           | Effects of captivity on sperm morphometry of endangered mammals   |                     |

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| Le Sieur, Sylvie | Collège Shawinigan                             | Head Office  | Québec                                 | CANADA      | 01/18/2013  | 1                 | 25 000          | Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1 | Développement d'un procédé d'électrodialyse pour la régénération de solutions acides usées  |                     |
| Le Sieur, Sylvie | Collège Shawinigan                             | Head Office  | Québec                                 | CANADA      | 03/19/2013  | 1                 | 25 000          | Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1 | Évaluation des performances et optimisation d'un procédé de prétraitement électrophorétique pour la réduction du colmatage des systèmes de filtration membranaire |                     |
| Le Sieur, Sylvie | Collège Shawinigan                             | Head Office  | Québec                                 | CANADA      | 03/19/2013  | 1                 | 25 000          | Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1 | Liquéfaction enzymatique des matières résiduelles après traitement thermique de la fraction organique biodégradable pour des fins de biométhanisation             |                     |
| Leclerc, Marc    | Cégep de Saint-Hyacinthe                       | Siège social   | Québec                                 | CANADA      | 03/19/2013  | 6                 | 2300 000        | College and Community Innovation Program/ Programme d'innovation dans les collèges et la communauté               | Fibres et matériaux souples ultra-isolants  |                     |
| Leconte, Robert  | Université de Sherbrooke                       | Génie civil  | Québec                                 | CANADA      | 01/18/2013  | 3                 | 204 000         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative              | La télédétection nivale au service de la prévision hydrologique   |                     |
| Lee, I-Fang      | SignalChem Pharmaceuticals Inc                 | Head Office  | British Columbia/ Colombie-Britannique | CANADA      | 03/19/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)                          | Development of assay kits for enzymes involved in post-translational modification of histones and DNA   |                     |
| Lee, WonSook     | University of Ottawa/ Université d'Ottawa      | Electrical Engineering and Computer Science , School of        | Ontario                                | CANADA      | 03/26/2013  | 1                 | 25 700          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                     | Functional Center of Rotation for Hip Joint   |                     |
| Légaré, François | Institut national de la recherche scientifique | Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes | Québec                                 | CANADA      | 03/26/2013  | 1                 | 149 340         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                     | Fourier-plane Optical Parametric Amplification (FOPA) - a novel approach for multi-TW IR carrier envelope phase stable sub two cycle laser pulses                 |                     |
| Légaré, François | Institut national de la recherche scientifique | Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes | Québec                                 | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | In situ diagnostic of piezoelectric material deposition with second harmonic generation   |                     |

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|--------------------|---------------------------------|---------------------------------------|---------------------------------------|-------------|-------------|-------------------|-----------------|---|--|---------------------|
| Lei, Yubo (Kevin)  | University of British Columbia  | Applied Science, Faculty of           | British Columbia/Colombie-Britannique | CANADA      | 03/19/2013  | 3                 | 30 000          | Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel                                     | Application of Digital Control in a LLC multi-resonant DC-DC converter   |                     |
| Leong, Wey Heng    | Ryerson University              | Mechanical and Industrial Engineering | Ontario                               | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Performance Evaluation and Comparison Between Conventional U-Tube and New Kelix Tube-in-Tube Ground Heat Exchangers and Between Regular Grout and Supergrout     |                     |
| Leung, Juliana     | University of Alberta           | Civil and Environmental Engineering   | Alberta                               | CANADA      | 01/18/2013  | 3                 | 102 000         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                        | Development of applied data-driven modeling approaches for SAGD operations design  |                     |
| Leung, Tong        | University of Waterloo          | Chemistry                             | Ontario                               | CANADA      | 03/26/2013  | 1                 | 150 000         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                               | Critically Needed Replacement of an Atomic Force Microscope and Nanolithography System   |                     |
| Levasseur, Olivier | Université de Montréal          | Physique                              | Québec                                | CANADA      | 01/17/2013  | 4                 | 27 000          | Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat | Mise au point de décharges à barrière diélectrique à la pression atmosphérique et leur application à la synthèse de revêtements multifonctionnels sur le bois    |                     |
| Lévesque, Martin   | École Polytechnique de Montréal | Génie mécanique                       | Québec                                | CANADA      | 03/19/2013  | 3                 | 750 000         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                        | Shot peening for fatigue life improvement of aerospace structures  |                     |
| Levitin, Daniel    | McGill University               | Psychology                            | Québec                                | CANADA      | 03/26/2013  | 1                 | 108 957         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                               | Computing equipment for studying the cognitive origins of musical communications   |                     |
| Leznoff, Daniel    | Simon Fraser University         | Chemistry                             | British Columbia/Colombie-Britannique | CANADA      | 03/26/2013  | 1                 | 86 353          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                               | X-ray Fluorescence (XRF) Spectrometer for Elemental Analysis   |                     |
| Li, dongyang       | University of Alberta           | Chemical and Materials Engineering    | Alberta                               | CANADA      | 01/18/2013  | 3                 | 440 800         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                        | Challenging the conventional materials design principle and develop hybrid high-entropy microstructures against wear and erosion-corrosion - a phase-two project |                     |

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| Li, Hongbin       | University of British Columbia | Chemistry                                  | British Columbia/<br>Colombie-Britannique | CANADA      | 03/26/2013  | 1                 | 142 467         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1           | Essential Components for a<br>High Resolution Optical<br>Tweezers   |                     |
| Li, Yuning        | University of Waterloo         | Chemical Engineering                       | Ontario                                   | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de<br>subventions d'engagement partenariat                                | Study of the influences of<br>synthetic and work-up<br>conditions on optoelectronic<br>properties of organic/nano<br>electronic materials                                       |                     |
| Lien, Fue-Sang    | University of Waterloo         | Mechanical Engineering<br>and Mechatronics | Ontario                                   | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de<br>subventions d'engagement partenariat                                | Computational Modeling of<br>Propeller Noise  |                     |
| Lignos, Dimitrios | McGill University              | Civil Engineering and<br>Applied Mechanics | Québec                                    | CANADA      | 03/26/2013  | 1                 | 121 503         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1           | A High Capacity Dynamic<br>Actuator for Large-Scale<br>Experimental Testing<br>Towards Seismic Resilience<br>of Infrastructure Facilities                                       |                     |
| Lim, Loong-Tak    | University of Guelph           | Food Science                               | Ontario                                   | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de<br>subventions d'engagement partenariat                                | Enhancing the Barrier<br>Properties of Vessel<br>Compartment for Working<br>Fluid in Rotary Heat Engine   |                     |
| Lipkowski, Jacek  | University of Guelph           | Chemistry                                  | Ontario                                   | CANADA      | 03/19/2013  | 3                 | 136 500         | Collaborative Research and Development<br>Grants/ Subventions de recherche et<br>développement coopérative | Study of the behaviour of Au<br>in oxide ores during<br>thiosulfate leaching  |                     |
| Liu, Jiangchuan   | Simon Fraser University        | Computing Science,<br>School of            | British Columbia/<br>Colombie-Britannique | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de<br>subventions d'engagement partenariat                                | Location-aware video<br>capturing and sharing for<br>mobile users   |                     |
| Liu, Jinghua      | Acadian Seaplants Ltd          | ASL Marine Bioproducts<br>Lab              | Nova Scotia/ Nouvelle-<br>Écosse          | CANADA      | 03/19/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses<br>postdoctorales de R et D industrielle (BPRDI)                | Functional activity<br>assessment of selected<br>seaweeds using the model<br>nematode Caenorhabditis<br>elegans and mammalian cell<br>cultures for human health<br>applications |                     |
| Liu, Jinyuan      | Ryerson University             | Civil Engineering                          | Ontario                                   | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de<br>subventions d'engagement partenariat                                | Experimental investigation<br>of soil-nail interaction  |                     |
| Liu, Jinyuan      | Ryerson University             | Civil Engineering                          | Ontario                                   | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de<br>subventions d'engagement partenariat                                | Development of a Web-<br>based geotechnical<br>monitoring system  |                     |
| Liu, Qingxia      | University of Alberta          | Chemical and Materials<br>Engineering      | Alberta                                   | CANADA      | 03/26/2013  | 1                 | 110 000         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1           | Study of Rheology of Fine<br>Particle Slurry in Mineral<br>Processing   |                     |

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| Liu, Yang      | University of Alberta                          | Engineering, Faculty of             | Alberta                                | CANADA      | 03/19/2013  | 2                 | 80 000          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative              | Application of moving bed biofilm reactor (MBBR) and integrated fixed film activated sludge (IFAS) systems for the treatment of oil sands tailings water |                     |
| Liu, Yang      | University of Alberta                          | Civil and Environmental Engineering | Alberta                                | CANADA      | 03/26/2013  | 1                 | 75 062          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                     | Fundamental Microbiology Equipment for Environmental Biotechnology Research  |                     |
| Liu, Yang      | University of Alberta                          | Civil and Environmental Engineering | Alberta                                | CANADA      | 03/19/2013  | 2                 | 60 000          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative              | Control strategies for hydrogen sulphide production in stormwater retention ponds  |                     |
| Liu, Yang      | University of Alberta                          | Civil and Environmental Engineering | Alberta                                | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Temperature sensitivity of anionic PAMs in sediment dewatering applications  |                     |
| Lopes, Luiz    | Concordia University                           | Electrical and Computer Engineering | Québec                                 | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | A prototype for a powerful time domain electromagnetic (pTEM) system   |                     |
| Love, Jennifer | University of British Columbia                 | Chemistry                           | British Columbia/ Colombie-Britannique | CANADA      | 03/26/2013  | 1                 | 98 688          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                     | Semi-prep HPLC for separation of organometallic and coordination complexes   |                     |
| LoVetri, Joe   | University of Manitoba                         | Electrical and Computer Engineering | Manitoba                               | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Evaluation of high definition impedance imaging for breast cancer  |                     |
| Lu, Jinyong    | ChemRoutes Corporation                         | Head Office                         | Alberta                                | CANADA      | 02/15/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)                          | Scaffold diversity concept expansion for antiviral research  |                     |
| Luiken, Maike  | Lambton College of Applied Arts and Technology | Head Office                         | Ontario                                | CANADA      | 03/19/2013  | 6                 | 2300 000        | College and Community Innovation Program/ Programme d'innovation dans les collèges et la communauté               | Lambton Water Centre (LWC)   |                     |
| Luiken, Maike  | Lambton College of Applied Arts and Technology | Head Office                         | Ontario                                | CANADA      | 03/19/2013  | 6                 | 1750 000        | Technology Access Centre/ Centre d'accès à la technologie   | Bluewater TAC  |                     |
| Luiken, Maike  | Lambton College of Applied Arts and Technology | Head Office                         | Ontario                                | CANADA      | 03/19/2013  | 5                 | 1000 000        | Industrial Research Chairs for Colleges Grants/ Subventions de chaire de recherche industrielle dans les collèges | NSERC Industrial Research Chair for Colleges in Advanced Material Development for Generation, Storage and Integration of Renewable Energy                |                     |

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| Lundholm, Jeremy  | Saint Mary's University             | Biology                                     | Nova Scotia/ Nouvelle-Écosse                       | CANADA      | 03/26/2013  | 1                 | 26 013          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                                    | Portable photosynthesis unit to quantify plant performance in constructed ecosystems                            |                     |
| Lung, Chung-Horng | Carleton University                 | Systems and Computer Engineering            | Ontario  | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Investigation on Energy Consumption and QoS/QoE for Mobile Cloud Computing Applications in 4G Wireless Networks |                     |
| Luo, Jingli       | University of Alberta               | Chemical and Materials Engineering          | Alberta  | CANADA      | 03/26/2013  | 1                 | 130 780         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                                    | Scanning Electrochemical Workstation  |                     |
| Ma, Weiya         | McGill University                   | Psychiatry                                  | Québec   | CANADA      | 03/26/2013  | 1                 | 78 654          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                                    | Ultracentrifugation for the biochemical characterization of biomarkers involved in neurobiological functions    |                     |
| MacGregor, Lorne  | Lethbridge Community College        | Head Office                                 | Alberta  | CANADA      | 03/19/2013  | 2                 | 200 000         | College and Community Innovation Program - Entry Level/ Programme d'innovation dans les collèges et la communauté - niveau d'entrée | Optimizing and Expanding Commercial Aquaponics Systems  |                     |
| MacKinnon, Nancy  | Tantramar Wetlands Centre Inc       | Head Office                                 | New Brunswick/ Nouveau-Brunswick                   | CANADA      | 02/14/2013  | 3                 | 95 100          | PromoScience  | Tantramar Wetlands Centre of Excellence   |                     |
| Maher, Hassan     | Université de Sherbrooke            | Génie électrique et génie informatique      | Québec   | CANADA      | 03/26/2013  | 2                 | 150 000         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                                    | Équipements requis dans le cycle de fabrication des circuits MMIC à base de HEMT-GaN.                           |                     |
| Mandelis, Andreas | University of Toronto               | Mechanical and Industrial Engineering       | Ontario  | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Dynamic non-destructive thermographic imaging of nanocoating flaws in the Canadian aerospace industry           |                     |
| Mann, George      | Memorial University of Newfoundland | Engineering and Applied Science, Faculty of | Newfoundland and Labrador/ Terre-Neuve-et-Labrador | CANADA      | 03/26/2013  | 1                 | 26 993          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                                    | Cooperative Control and Navigation of Micro Aerial Vehicles and Ground Mobile Robots                            |                     |
| Mantovani, Diego  | Université Laval                    | Génie des mines, métallurgie et matériaux   | Québec   | CANADA      | 03/26/2013  | 1                 | 149 716         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                                    | Plasma Enhanced CVD System for Polymer Coating Deposition on Tubular Tiny Medical Devices                       |                     |

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| Mar, Arthur              | University of Alberta    | Chemistry                               | Alberta                                   | CANADA      | 03/26/2013  | 1                 | 42 892          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                        | Synthesis of Rare-Earth<br>Intermetallics by Induction<br>Melting  |                     |
| Marcoux, Derek           | North Island College     | Head Office                             | British Columbia/<br>Colombie-Britannique | CANADA      | 03/19/2013  | 5                 | 999 325         | Industrial Research Chairs for Colleges Grants/<br>Subventions de chaire de recherche industrielle<br>dans les collèges | NSERC Industrial Research<br>Chair for Colleges in<br>Sustainable Aquaculture  |                     |
| Mariantoni, Matteo       | University of Waterloo   | Physics and Astronomy                   | Ontario                                   | CANADA      | 03/26/2013  | 1                 | 150 000         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                        | Adiabatic Demagnetization<br>Refrigerator for the<br>Characterization of High-<br>Performance<br>Superconducting Quantum<br>Circuits                           |                     |
| Marin, Gheorghe          | Cégep de Trois-Rivières  | Head Office                             | Québec                                    | CANADA      | 03/19/2013  | 5                 | 500 000         | Technology Access Centre/ Centre d'accès à la<br>technologie  | Établissement d'un centre<br>d'accès à la technologie des<br>alliages avancés  |                     |
| Marin, Gheorghe          | Cégep de Trois-Rivières  | Centre de métallurgie du<br>Québec      | Québec                                    | CANADA      | 03/19/2013  | 1                 | 25 000          | Applied Research and Development Grants -<br>Level 1/ Subventions de recherche et<br>développement appliquée - niveau 1 | Optimisation des paramètres<br>des procédés GMAW,<br>GTAW et PAW dans le but<br>d'accroître la productivité en<br>soudage du titane et de<br>l'alliage Ti6Al4V |                     |
| Markley, Loïc            | University of Toronto    | Electrical & Computer<br>Engineering    | Ontario                                   | CANADA      | 02/13/2013  | 3                 | 80 000          | Postdoctoral Fellowships/ Bourses<br>postdoctorales   | Real-time near-field<br>subwavelength-focused<br>imaging using dense antenna<br>arrays.  |                     |
| Marsault, Eric           | Université de Sherbrooke | Pharmacologie                           | Québec                                    | CANADA      | 03/26/2013  | 1                 | 147 201         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                        | An institutional LC-MS<br>platform for research in<br>pharmacology and medicinal<br>chemistry  |                     |
| Marshall, Carolyn Bowers | Dalhousie University     | Biology                                 | Nova Scotia/ Nouvelle-<br>Écosse          | CANADA      | 03/20/2013  | 2                 | 42 000          | Postgraduate Scholarships D/ Bourses d'études<br>supérieures D  | Mechanisms that generate<br>biodiversity-ecosystem<br>function relationships in<br>green roof ecosystems   |                     |
| Marshall, Joshua         | Queen's University       | Mechanical and<br>Materials Engineering | Ontario                                   | CANADA      | 03/19/2013  | 3                 | 248 334         | Collaborative Research and Development<br>Grants/ Subventions de recherche et<br>développement coopérative              | uGPS: 3D mapping, real-<br>time localization, and<br>machine coordination in<br>underground mines  |                     |
| Martin, Randall          | Dalhousie University     | Physics and Atmospheric<br>Science      | Nova Scotia/ Nouvelle-<br>Écosse          | CANADA      | 03/19/2013  | 2                 | 250 000         | EWR Steacie Fellowships/ EWR Steacie  | Research Grant for 2012<br>EWR Steacie Memorial<br>Fellowship Successful<br>Candidate  |                     |



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| Martinuzzi, Robert | University of Calgary                      | Mechanical and Manufacturing Engineering       | Alberta                                | CANADA      | 03/26/2013  | 1                 | 115 911         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                  | HPLC for Analysis and Design of Biodegradable Drilling Fluids                         |                     |
| Marzouk, Hesham    | Ryerson University                         | Civil Engineering                              | Ontario                                | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Piezo-Ceramic Sensors for Structural Health Monitoring                                |                     |
| Masood, Nusraat    | University of Manitoba                     | Engineering, Faculty of                        | Manitoba                               | CANADA      | 02/14/2013  | 1                 | 30 000          | PromoScience  | WISE Kid-Netic Energy - Proposal to NSERC: Promo Science Grant                        |                     |
| Master, Emma       | University of Toronto                      | Chemical Engineering and Applied Chemistry     | Ontario                                | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Lignin Modification to Produce Sustainable Polyurethane Resin for Coatings            |                     |
| Mathieu, Yves      | Cégep de Saint-Jérôme                      | Siège social                                   | Québec                                 | CANADA      | 03/19/2013  | 1                 | 25 000          | Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1 | Développement d'une aile en composites pour une hydrolienne à ailes oscillantes       |                     |
| Matrawy, Ashraf    | Carleton University                        | Information Technology, School of              | Ontario                                | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | A Study of the W3C Geolocation API  |                     |
| Mayer-Smith, Jolie | University of British Columbia             | Cross-Faculty Inquiry in Education, Centre for | British Columbia/ Colombie-Britannique | CANADA      | 02/14/2013  | 3                 | 150 000         | PromoScience  | The intergenerational Landed Learning on the Farm Program                             |                     |
| McAuley, Kimberley | Queen's University                         | Chemical Engineering                           | Ontario                                | CANADA      | 01/18/2013  | 2                 | 46 200          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative              | Mathematical modelling of coke formation in thermal cracking units                    |                     |
| McCauley, Shannon  | University of Toronto                      | Biology (Mississauga)                          | Ontario                                | CANADA      | 03/26/2013  | 1                 | 57 417          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                  | Integrated System of Radio-Frequency Identifier Equipment                             |                     |
| McIndoe, Scott     | University of Victoria                     | Chemistry                                      | British Columbia/ Colombie-Britannique | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Oxidative destruction of the environmental contaminant perfluorooctane sulfonate      |                     |
| McIndoe, Scott     | University of Victoria                     | Chemistry                                      | British Columbia/ Colombie-Britannique | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Modified methylaluminoxanes (MMAOs): understanding catalyst performance using ESI-MS  |                     |
| McMullin, Richard  | Forest Ecosystem Science Co-operative Inc. | Head Office                                    | Ontario                                | CANADA      | 03/19/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)                          | Silvicultural effects on the mechanisms driving lichen diversity in the boreal forest |                     |
| McNamara, Derek    | University of Ottawa/ Université d'Ottawa  | Engineering, Faculty of                        | Ontario                                | CANADA      | 03/26/2013  | 1                 | 60 405          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                  | Critical Upgrade of Antenna Measurement System  |                     |

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| Mehri Dehnavi, Maryam  | Massachusetts Institute of Technology | Electrical Engineering and Computer Science |   | UNITED STATES/<br>ÉTATS-UNIS | 01/16/2013  | 3                 | 80 000          | Postdoctoral Fellowships/ Bourses postdoctorales   | Communication Avoiding Algorithms for Extreme-scale Computing  |                     |
| Mehrkhodavandi, Parisa | University of British Columbia        | Chemistry                                   | British Columbia/<br>Colombie-Britannique | CANADA                       | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                         | Amphiphilic polymers for nanoparticle formation  |                     |
| Meiering, Elizabeth    | University of Waterloo                | Chemistry                                   | Ontario                                   | CANADA                       | 03/26/2013  | 1                 | 137 924         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1 | Capillary differential scanning calorimeter  |                     |
| Menard, Caroline       | New World Laboratories Inc            | Head Office                                 | Québec                                    | CANADA                       | 02/15/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)         | Determining the cell signalling pathways & events in NWL's proprietary methods for reprogramming somatic cells to multipotent stem cells & comparing this to other potential methods |                     |
| Mennill, Daniel        | University of Windsor                 | Biological Sciences                         | Ontario                                   | CANADA                       | 03/26/2013  | 1                 | 50 838          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1 | Long-term playback devices and automated digital recorders to study vocal learning and animal communication by four collaborative research groups                                    |                     |
| Menon, Carlo           | Simon Fraser University               | Engineering Science, School of              | British Columbia/<br>Colombie-Britannique | CANADA                       | 03/26/2013  | 1                 | 149 695         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1 | Imaging, topographic mapping and characterization of nano/micro surfaces and structures  |                     |
| Mercan, Oya            | University of Toronto                 | Civil Engineering                           | Ontario                                   | CANADA                       | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                         | Mid-to High-Rise Modular Steel Construction  |                     |
| Mi, Zetian             | McGill University                     | Electrical and Computer Engineering         | Québec                                    | CANADA                       | 03/26/2013  | 1                 | 57 839          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1 | An RF Plasma Nitrogen Source for the Development of Nanoscale Nitride Semiconductors for Phosphor-Free Solid State Lighting, Solar Fuels, and Chip-Level Optical Communications      |                     |
| Mikhail, Andrew        | National Institutes of Health         | Head Office                                 |   | UNITED STATES/<br>ÉTATS-UNIS | 02/06/2013  | 3                 | 80 000          | Postdoctoral Fellowships/ Bourses postdoctorales   | Development of a Polymeric Hydrogel for Image-Guided Drug Delivery Applications in Cancer Therapy  |                     |

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| Milne, Douglas   | University of Saskatchewan     | Civil and Geological Engineering  | Saskatchewan                           | CANADA      | 02/15/2013  | 2                 | 53 312          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                                | Resin grouted rock bolt support behaviour under shear and tensile deformation   |                     |
| Miri, Ali        | Ryerson University             | Computer Science                  | Ontario                                | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Cycle Optimization Tools for Injection Molding Machines   |                     |
| Miri, Ali        | Ryerson University             | Computer Science                  | Ontario                                | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Developing Project Management Tools for PCI-Compliance  |                     |
| Misic, Vojislav  | Ryerson University             | Computer Science                  | Ontario                                | CANADA      | 02/15/2013  | 3                 | 60 000          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                                | Machine-to-machine communications in 4G networks  |                     |
| Moallem, Mehrdad | Simon Fraser University        | Engineering Science, School of    | British Columbia/ Colombie-Britannique | CANADA      | 02/15/2013  | 3                 | 240 000         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                                | Development of a distributed platform for intelligent lighting control  |                     |
| Mohee, Faizul    | University of Waterloo         | Civil & Environmental Engineering | Ontario                                | CANADA      | 02/14/2013  | 3                 | 63 000          | Postgraduate Scholarships D/ Bourses d'études supérieures D   | Development of an economic design guideline for thermosyphon foundation in saline permafrost soil with particular application to the heavy load mine-based structures in the Arctic provinces in Canada |                     |
| Molina, Isabel   | Algoma University              | Biology and Chemistry             | Ontario                                | CANADA      | 03/26/2013  | 1                 | 39 135          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                                       | A Gas Chromatograph to Study Metabolic Pathways for Biofuel and Bioproduct Development  |                     |
| Momose, Takamasa | University of British Columbia | Chemistry                         | British Columbia/ Colombie-Britannique | CANADA      | 03/26/2013  | 1                 | 147 741         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                                       | High-resolution UV Laser System for Cold Molecule Research  |                     |
| Monagan, Michael | Simon Fraser University        | Mathematics                       | British Columbia/ Colombie-Britannique | CANADA      | 03/19/2013  | 3                 | 240 000         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                                | Parallel algorithms, data structures and libraries for polynomials  |                     |
| Mooney, Stephen  | Yukon College                  | Head Office                       | Yukon Territory/ Territoire du Yukon   | CANADA      | 03/19/2013  | 2                 | 200 000         | College and Community Innovation Program - Entry Level/ Programme d'innovation dans les collèges et la communauté - niveau d'entrée | Innovation in a Cold Climate: Building Capacity for Mine Closure & Site Remediation in Yukon  |                     |

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| Morandotti, Roberto | Institut national de la recherche scientifique | Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes | Québec          | CANADA      | 03/26/2013  | 1                 | 130 836         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | From optical combs to multiplexed quantum states on a chip: shaping the digital economy of tomorrow.  |                     |
| Morandotti, Roberto | Institut national de la recherche scientifique | Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes | Québec          | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Er-Yb co-doped ultra-short-fiber amplifier  |                     |
| Moran-Mirabal, Jose | McMaster University                            | Chemistry & Chemical Biology                                   | Ontario         | CANADA      | 03/26/2013  | 1                 | 33 800          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Microscope Upgrade for the Characterization of Micro and Nanostructured Materials through Fluorescence and Polarization Microscopy            |                     |
| Moreau, Stephane    | Université de Sherbrooke                       | Génie mécanique  | Québec          | CANADA      | 02/15/2013  | 4                 | 211 584         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Softair (experimental et numerical aeroacoustic study of airplane pressurization valves to reduce their noise in different flight conditions) |                     |
| Morin, Hubert       | Université du Québec à Chicoutimi              | Sciences fondamentales   | Québec          | CANADA      | 02/15/2013  | 4                 | 165 000         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Impact à moyen terme d'une hausse de la température du sol et de l'enrichissement en azote sur la croissance de l'Épinette noire              |                     |
| Moussa, Karim       | University of Waterloo                         | Mechanical Engineering and Mechatronics                        | Ontario         | CANADA      | 01/17/2013  | 2                 | 25 000          | Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel              | Aeroacoustic Analysis of Counter-Rotating Open Rotors (CROR)  |                     |
| Mozharivskij, Yurij | McMaster University                            | Chemistry & Chemical Biology                                   | Ontario         | CANADA      | 03/26/2013  | 1                 | 52 209          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Dry Box for Inorganic Materials Chemistry   |                     |
| Mozharivskij, Yurij | McMaster University                            | Chemistry & Chemical Biology                                   | Ontario         | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Development of Inorganic Phosphors for High-Temperature Sensing Applications  |                     |
| Mucci, Alfonso      | McGill University                              | Earth and Planetary Sciences                                   | Québec          | CANADA      | 03/26/2013  | 1                 | 58 106          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Calorimetric cells for thermodynamic and kinetic studies of mineral reactions   |                     |

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| Mullins, John          | École Polytechnique de Montréal | Génie informatique et génie logiciel  | Québec                                 | CANADA      | 02/15/2013  | 3                 | 269 500         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Model-based integration and verification for mixed-criticality avionics systems embedded in a time-triggered architecture |                     |
| Murai, Keith           | McGill University               | Neurology and Neurosurgery            | Québec                                 | CANADA      | 03/26/2013  | 1                 | 61 047          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Platform for in vivo analysis of early GABA synapse function in neural circuitry formation                                |                     |
| Myers, Paul            | University of Alberta           | Earth and Atmospheric Sciences        | Alberta                                | CANADA      | 02/15/2013  | 6                 | 4999 930        | Climate Change and Atmospheric Research/ Recherche sur les changements climatique & l'atmosphère     | Ventilation, interactions and transports across the Labrador sea (VITALS)   |                     |
| Nadarajah, Sivakumaran | McGill University               | Mechanical Engineering                | Québec                                 | CANADA      | 01/18/2013  | 3                 | 107 300         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | A constrained viscous automatic aerodynamic shape optimization framework for complete aircraft configurations             |                     |
| Nagasaki, Shinya       | McMaster University             | Engineering Physics                   | Ontario                                | CANADA      | 03/26/2013  | 1                 | 115 803         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Attenuated Total Reflectance Fourier Transform Infrared Spectroscopy for Used Nuclear Fuel Disposal in Brine Geosphere    |                     |
| Naguib, Hani           | University of Toronto           | Mechanical and Industrial Engineering | Ontario                                | CANADA      | 03/26/2013  | 1                 | 26 187          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Investigation on Interfacial Interactions in Polymer Blends and Composites by Complimentary ATR-FTIR-AFM Imaging System   |                     |
| Nait Ajjou, Abdelaziz  | Université de Moncton           | Chimie et biochimie                   | New Brunswick/ Nouveau-Brunswick       | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Wet Chemical Methods for Large Scale Optical Filters for Aviation Applications  |                     |
| Najjaran, Homayoun     | University of British Columbia  | Okanagan - Engineering, School of     | British Columbia/ Colombie-Britannique | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Aggregate composition control of cone crushers using a vision-based apparatus   |                     |
| Nash, Clemence         | University of Guelph            | Population Medicine                   | Ontario                                | CANADA      | 03/19/2013  | 4                 | 45 000          | Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel              | Developing realistic target for the health, production and welfare of Canadian dairy cattle                               |                     |
| Nasiopoulos, Panos     | University of British Columbia  | Electrical and Computer Engineering   | British Columbia/ Colombie-Britannique | CANADA      | 03/19/2013  | 4                 | 780 000         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | People and planet friendly home   |                     |

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| Neary, John Patrick | University of Regina              | Kinesiology and Health Studies, Faculty of | Saskatchewan                           | CANADA      | 02/15/2013  | 2                 | 114 000         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Biological sensor technology for safety and security  |                     |
| Neff, Bryan         | The University of Western Ontario | Biology                                    | Ontario                                | CANADA      | 03/26/2013  | 1                 | 90 909          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Research Vessel for Studies on Healthy Environments and Ecosystem Adaptation of Fishes                        |                     |
| Ngadi, Michael      | McGill University                 | Bioresource Engineering                    | Québec                                 | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Densification of biomass for improved fire logs   |                     |
| Ni, Yonghao         | University of New Brunswick       | Chemical Engineering                       | New Brunswick/ Nouveau-Brunswick       | CANADA      | 03/19/2013  | 3                 | 199 500         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Development of natural fiber-based wraps for pulp baling and packaging strapping                              |                     |
| Ni, Yonghao         | University of New Brunswick       | Chemical Engineering                       | New Brunswick/ Nouveau-Brunswick       | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Improvement in dissolving pulp production based on the acid sulfite process                                   |                     |
| Ni, Yonghao         | University of New Brunswick       | Chemical Engineering                       | New Brunswick/ Nouveau-Brunswick       | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Anaerobic Effluent Treatment System Optimization  |                     |
| Nigg, Benno         | University of Calgary             | Kinesiology, Faculty of                    | Alberta                                | CANADA      | 01/18/2013  | 2                 | 103 403         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Quantification of the beneficial effects of prolonged vibration exposure                                      |                     |
| Nishat, Shazia      | Cole Engineering Group Ltd.       | Head Office                                | Ontario                                | CANADA      | 02/15/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)             | Development of computer tools for infiltration and inflow management systems - an urban hydrology application |                     |
| Nobes, David        | University of Alberta             | Mechanical Engineering                     | Alberta                                | CANADA      | 03/26/2013  | 1                 | 95 500          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | A Dual Camera Light Field Imaging Microscope for Nano and Micro Fluidics                                      |                     |
| Nojeh, Alireza      | University of British Columbia    | Electrical and Computer Engineering        | British Columbia/ Colombie-Britannique | CANADA      | 03/26/2013  | 1                 | 51 978          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Chemical vapour deposition of nanomaterials   |                     |
| Nunzi, Jean-Michel  | Queen's University                | Chemistry                                  | Ontario                                | CANADA      | 03/26/2013  | 1                 | 56 295          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | A controlled environment system to demonstrate efficient up-conversion in organic solar cells.                |                     |

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| Nurul Habib, Khandker | University of Toronto                          | Civil Engineering                        | Ontario                                | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Modelling Travel Cost Elasticities of the Residences of the Greater Golden Horse Shoe Area: Developing Appropriate Modelling Structure and Identifying Data Needs       |                     |
| O'Brien, William      | Carleton University                            | Civil and Environmental Engineering      | Ontario                                | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Development and prototype for predictive window blind control to optimize energy use and occupant comfort   |                     |
| O'Leary, Stephen      | University of British Columbia                 | Okanagan - Engineering, School of        | British Columbia/ Colombie-Britannique | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Thermal management in microelectronic circuits  |                     |
| Olfert, Jason         | University of Alberta                          | Mechanical Engineering                   | Alberta                                | CANADA      | 03/26/2013  | 1                 | 44 982          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                               | Centrifugal Particle Mass Analyzer  |                     |
| Olishevskyy, Sergiy   | Maxivet inc                                    | Siège social                             | Québec                                 | CANADA      | 02/15/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)                                    | Élargir le champ d'application de la technologie MICT pour permettre la détection rapide de Listeria spp. et de L. monocytogenes dans différentes matrices alimentaires |                     |
| O'Malley, Shannon     | Université de Montréal                         | Psychologie                              | Québec                                 | CANADA      | 01/03/2013  | 3                 | 80 000          | Postdoctoral Fellowships/ Bourses postdoctorales  | Aging and Cognitive Control in Reading: An ERP investigation  |                     |
| Ordonez, Martin       | University of British Columbia                 | Electrical and Computer Engineering      | British Columbia/ Colombie-Britannique | CANADA      | 03/26/2013  | 1                 | 130 823         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                               | Advanced Grid Emulation and Monitoring for Building-Scale Energy Systems  |                     |
| Organ, Michael        | York University                                | Chemistry                                | Ontario                                | CANADA      | 03/26/2013  | 1                 | 149 791         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                               | A Liquid Processing Station for Continuous and Sustainable Chemical Manufacturing   |                     |
| Oswald, William       | Institut national de la recherche scientifique | Centre Eau, Terre et Environnement (ETE) | Québec                                 | CANADA      | 03/19/2013  | 4                 | 27 000          | Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat | Géologie du gisement aurifère de classe mondiale Musselwhite, Province du Supérieur, Ontario, Canada  |                     |

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| Ouellette, Stéphane | GENINOV GROUP Inc/ Le Groupe Géninov Inc | Head Office                              | Québec                                 | CANADA      | 03/19/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)                                    | Migration 'live' de machine virtuelle dans un environnement 'cloud' IP-V6 avec gestion de sa localisation                       |                     |
| Pagliardini, Silvia | University of Alberta                    | Physiology                               | Alberta                                | CANADA      | 03/26/2013  | 1                 | 93 924          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                               | Pharmacological and Optogenetic approaches to study neural control of breathing   |                     |
| Pal, Avishekh       | Tenova Goodfellow Inc.                   | Head Office                              | Ontario                                | CANADA      | 03/19/2013  | 3                 | 60 319          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)                                    | Determination of industrial off-gas and molten metal composition using remote sensors   |                     |
| Pannell, Jason      | University of Saskatchewan               | Electrical & Computer Engineering        | Saskatchewan                           | CANADA      | 03/19/2013  | 3                 | 30 000          | Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel                                     | Generator Protection and Control During Power System Restoration After a Blackout or Brownout                                   |                     |
| Paquette, Stephanie | Collège Édouard-Montpetit                | Siège social                             | Québec                                 | CANADA      | 03/19/2013  | 5                 | 1000 000        | Industrial Research Chairs for Colleges Grants/ Subventions de chaire de recherche industrielle dans les collèges           | Chaire de recherche industrielle dans les collèges du CRSNG en fabrication de composantes aérospatiales en matériaux composites |                     |
| Paradis, Josée      | Université de Sherbrooke                 | Génie civil                              | Québec                                 | CANADA      | 01/17/2013  | 4                 | 27 000          | Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat | Étude de l'amortissement interne des conducteurs selon une excitation multi-fréquences  |                     |
| Park, Edward        | Simon Fraser University                  | Mechatronic Systems Engineering          | British Columbia/ Colombie-Britannique | CANADA      | 03/19/2013  | 3                 | 160 000         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                        | Advanced body motion and location tracking in active sports goggles   |                     |
| Park, Edward        | Simon Fraser University                  | Engineering Science, School of           | British Columbia/ Colombie-Britannique | CANADA      | 03/26/2013  | 1                 | 150 000         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                               | A Bio-AFM for Characterization of Cellular Mechanical Behaviour of Rare Circulating Tumor Cells                                 |                     |
| Park, Simon         | University of Calgary                    | Mechanical and Manufacturing Engineering | Alberta                                | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Novel chaotic mixing of nanofibers in thermoplastics  |                     |
| Parker, Beth        | University of Guelph                     | Engineering, School of                   | Ontario                                | CANADA      | 02/15/2013  | 6                 | 2934 720        | Industrial Research Chairs/ Professeurs-chercheurs industriels  | NSERC Industrial Research Chair in Groundwater Contamination in Fractured Media   |                     |



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|-------------------|-----------------------------------|--|------------------------------|-------------------------|-------------|-------------------|-----------------|--|---|---------------------|
| Parks, Donovan    | University of Queensland          | Chemistry  |                              | AUSTRALIA/<br>AUSTRALIE | 01/23/2013  | 3                 | 80 000          | Postdoctoral Fellowships/ Bourses postdoctorales   | Quantifying the functional adaptation of communities driving microbial-mediated industrial processes.           |                     |
| Pasini, Damiano   | McGill University                 | Mechanical Engineering                           | Québec                       | CANADA                  | 03/26/2013  | 1                 | 121 085         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Servo-hydraulic system for fatigue and durability testing of medical devices under low force-regime             |                     |
| Patel, Hiren      | University of Waterloo            | Electrical & Computer Engineering                | Ontario                      | CANADA                  | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Efficient Deployment of Hand Gesture Algorithms on Embedded Platforms   |                     |
| Patel, Rajnikant  | The University of Western Ontario | Electrical and Computer Engineering              | Ontario                      | CANADA                  | 03/26/2013  | 1                 | 107 479         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | A Real-Time Imaging System for Medical Mechatronics Research  |                     |
| Peever, John      | University of Toronto             | Cell and Systems Biology (St. George Campus)     | Ontario                      | CANADA                  | 03/26/2013  | 1                 | 44 200          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Optogenetic equipment for probing the brain circuits controlling sleep and breathing                            |                     |
| Pelka, Peter      | University of Manitoba            | Microbiology                                     | Manitoba                     | CANADA                  | 03/26/2013  | 1                 | 98 909          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Role of cellular factors FUBP1 and DREF in regulation of viral and cellular gene expression via adenovirus E1A. |                     |
| Pelton, Arthur    | École Polytechnique de Montréal   | Génie chimique                                   | Québec                       | CANADA                  | 02/15/2013  | 1                 | 200 000         | Synergy Awards/ Prix synergie  | Centre de Recherche en Calcul Thermochimique: The FactSage Thermodynamic database computing system              |                     |
| Peng, Chun        | York University                   | Biology  | Ontario                      | CANADA                  | 03/26/2013  | 1                 | 30 655          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Zebrafish housing unit and biosafety cabinet  |                     |
| Penner, Gregory   | University of Saskatchewan        | Animal and Poultry Science                       | Saskatchewan                 | CANADA                  | 01/18/2013  | 3                 | 149 927         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Determining the incidence, prevalence, and severity of ruminal acidosis in feedlot cattle                       |                     |
| Pe-Piper, Georgia | Saint Mary's University           | Geology  | Nova Scotia/ Nouvelle-Écosse | CANADA                  | 01/18/2013  | 3                 | 99 998          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Reservoir quality and sediment delivery, mesozoic Scotian basin   |                     |
| Pérot, Aurore     | Comité ZIP Côte-Nord du Golfe     | Siège social                                     | Québec                       | CANADA                  | 02/14/2013  | 3                 | 45 000          | PromoScience   | Programme Communautaire de Surveillance Aquatique   |                     |
| Perry, Laura      | Trent University                  | Environmental and Life Sciences Graduate Program | Ontario                      | CANADA                  | 01/17/2013  | 4                 | 45 000          | Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel              | Assessment of cytokinin based grain yield in wheat  |                     |

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|------------------------|--|---|---|-------------|-------------|-------------------|-----------------|--|---|---------------------|
| Perry, Steve           | University of Ottawa/ Université d'Ottawa      | Biology   | Ontario                                   | CANADA      | 03/26/2013  | 1                 | 121 093         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                   | Assessing the metabolic cost of ion transport using SIET and SPET   |                     |
| Peter, Yves-Alain      | École Polytechnique de Montréal                | Génie physique                                  | Québec                                    | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Optical nose: lab-on-a-chip detection of toxic gases  |                     |
| Petrides, Michael      | McGill University                              | Psychology                                      | Québec                                    | CANADA      | 03/26/2013  | 1                 | 150 000         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                   | Histological Slide Scanning System  |                     |
| Philpott, Tim          | University of British Columbia                 | Forestry, Faculty of                            | British Columbia/<br>Colombie-Britannique | CANADA      | 01/17/2013  | 3                 | 105 000         | Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D | Changes in soil carbon and nitrogen mineralization, microbial community structure and enzyme activities in response to permafrost thaw in Boreal peatland soils of Northern Ontario |                     |
| Pienitz, Reinhard      | Université Laval                               | Géographie                                      | Québec                                    | CANADA      | 03/26/2013  | 1                 | 80 390          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                   | Microscope de laboratoire Zeiss Axio Imager A2 avec système de caméra digitale  |                     |
| Pin, Christopher       | The University of Western Ontario              | Physiology and Pharmacology                     | Ontario                                   | CANADA      | 03/26/2013  | 1                 | 98 956          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                   | High Resolution Imaging Suite for Analysis of Development   |                     |
| Plante, Isabelle       | Institut national de la recherche scientifique | INRS-Institut Armand-Frappier                   | Québec                                    | CANADA      | 03/26/2013  | 1                 | 47 344          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                   | Station de cryopréservation et d'entreposage à ultra-base température   |                     |
| Plante, Jean-Sebastien | Université de Sherbrooke                       | Génie mécanique                                 | Québec                                    | CANADA      | 03/19/2013  | 2                 | 47 500          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative               | Direct-injected, hydrogen-fueled, two-stroke, small-displacement engine with high efficiency and low emissions  |                     |
| Plattner, Brandon      | University of Guelph                           | Pathobiology                                    | Ontario                                   | CANADA      | 03/26/2013  | 1                 | 108 121         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                   | Upgrade to state-of-the-art flow cytometric equipment   |                     |
| Poirier, Louis         | Cégep de Matane                                | Siège social                                    | Québec                                    | CANADA      | 03/19/2013  | 5                 | 500 000         | Technology Access Centre/ Centre d'accès à la technologie  | Centre de développement et de recherche en imagerie numérique (CDRIN)   |                     |
| Polka, Linda           | McGill University                              | Communication Sciences and Disorders, School of | Québec                                    | CANADA      | 03/26/2013  | 1                 | 52 242          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                   | Integrated multi-measure speech research station  |                     |

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| Ponsard, Bruno     | Collège de Maisonneuve          | Siège social                      | Québec                                 | CANADA      | 01/18/2013  | 1                 | 25 000          | Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1           | Évaluation de l'efficacité du CO2 supercritique et de l'oxydation avancée pour traiter un effluent riche en solvant   |                     |
| Ponsard, Bruno     | Collège de Maisonneuve          | Siège social                      | Québec                                 | CANADA      | 03/19/2013  | 1                 | 25 000          | Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1           | Développement d'un biofongicide à partir d'hydrolat de thuya  |                     |
| Poole, Warren      | University of British Columbia  | Materials Engineering             | British Columbia/ Colombie-Britannique | CANADA      | 03/19/2013  | 4                 | 413 600         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                        | Microstructure modeling for processing of 6xxx extrusion alloys   |                     |
| Poon, Joyce        | University of Toronto           | Electrical & Computer Engineering | Ontario                                | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Automated measurements of silicon photonic chips  |                     |
| Poon, Joyce        | University of Toronto           | Electrical & Computer Engineering | Ontario                                | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Silicon photonic devices and circuits for multi-wavelength transmitters and receivers   |                     |
| Porter, Lisa       | University of Windsor           | Biological Sciences               | Ontario                                | CANADA      | 03/26/2013  | 1                 | 75 481          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                               | Microinjection System to Address Key Cell Biology Principals  |                     |
| Prairie, Yves      | Université du Québec à Montréal | Sciences biologiques              | Québec                                 | CANADA      | 03/26/2013  | 1                 | 113 380         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                               | Carbon Gas Isotopes Analysis: a key field and laboratory measurement platform to assess the sources and fates of different carbon pools in freshwater ecosystems. |                     |
| Préfontaine, Serge | Cégep de Victoriaville          | Siège social                      | Québec                                 | CANADA      | 03/19/2013  | 5                 | 999 836         | Industrial Research Chairs for Colleges Grants/ Subventions de chaire de recherche industrielle dans les collèges           | Chaire de recherche industrielle dans les collèges du CRSNG en protection des cultures biologiques  |                     |
| Price, Christopher | Université de Montréal          | Biomédecine vétérinaire           | Québec                                 | CANADA      | 03/26/2013  | 1                 | 46 779          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                               | Liquid scintillation counter  |                     |
| Pupin, Cédric      | École Polytechnique de Montréal | Génie mécanique                   | Québec                                 | CANADA      | 03/19/2013  | 4                 | 27 000          | Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat | Étude de la formation de porosités dans les pièces composites structurales pour des applications aéronautiques  |                     |
| Purpura, Kelly     | Octane Biotech Inc.             | Head Office                       | Ontario                                | CANADA      | 02/15/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)                                    | Advanced bioreactors for automated manufacturing of hematopoietic stem cells  |                     |

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| Radic, Valentina           | University of British Columbia                 | Earth and Ocean Sciences                                       | British Columbia/Colombie-Britannique | CANADA      | 03/26/2013  | 1                 | 73 044          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                            | A meteorological network to monitor glacier change in western Canada  |                     |
| Radovanovic, Pavle         | University of Waterloo                         | Chemistry  | Ontario                               | CANADA      | 03/26/2013  | 1                 | 117 370         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                            | Time-Resolved Photoluminescence Studies of Transparent Hybrid Nanomaterials for Tunable Energy-Efficient Light Emitting Materials and Devices |                     |
| Rahman, Habibur            | University of Alberta                          | Agricultural, Food and Nutritional Science                     | Alberta                               | CANADA      | 01/18/2013  | 6                 | 1500 000        | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                        | Broadening of genetic diversity (GD) in Canadian spring canola Brassica napus for the development of elite hybrid parent lines                |                     |
| Rajapakse, Athula          | University of Manitoba                         | Electrical and Computer Engineering                            | Manitoba                              | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Real-time simulation of synchrotron applications  |                     |
| Ramirez, Alvaro            | École Polytechnique de Montréal                | Génie mécanique  | Québec                                | CANADA      | 03/19/2013  | 4                 | 27 000          | Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat | Développement d'un système mécatronique intelligent pour la caractérisation des procédés de moulage des matériaux composites                  |                     |
| Ramirez-Serrano, Alejandro | University of Calgary                          | Mechanical and Manufacturing Engineering                       | Alberta                               | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Robot design and manoeuvring mechanisms for entry and inspection of oil and gas tanks, vessels, sumps and confined spaces                     |                     |
| Rashidzadeh, Rashid        | University of Windsor                          | Electrical and Computer Engineering                            | Ontario                               | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Non-Contact Roundness Measurement   |                     |
| Rawson, Jeremy             | University of Windsor                          | Chemistry and Biochemistry                                     | Ontario                               | CANADA      | 03/26/2013  | 1                 | 117 324         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                            | Powder X-Ray Diffraction (PXRD) Instrumentation   |                     |
| Ray, Nilanjan              | University of Alberta                          | Computing Science  | Alberta                               | CANADA      | 02/15/2013  | 3                 | 130 950         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                        | Counting passengers and vehicles with computer vision techniques for city of Edmonton traffic   |                     |
| Razzari, Luca              | Institut national de la recherche scientifique | Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes | Québec                                | CANADA      | 03/26/2013  | 1                 | 149 950         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1                            | Fourier Transform Interferometer for Ultrasensitive Terahertz Spectroscopy  |                     |

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|------------------|--------------------------|--|-----------------|-------------|-------------|-------------------|-----------------|---|--|---------------------|
| Rehse, Steven    | University of Windsor    | Physics                                      | Ontario         | CANADA      | 03/26/2013  | 1                 | 96 335          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1  | RTI: Acquisition of a<br>Broadband Spectrometer to<br>be Integrated into an<br>Interdisciplinary Atomic<br>Emission Spectroscopy<br>Facility |                     |
| Ren, Carolyn     | University of Waterloo   | Mechanical Engineering<br>and Mechatronics   | Ontario         | CANADA      | 03/26/2013  | 1                 | 41 842          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1  | A Characterization System<br>for Microwave Sensing and<br>Heating over Individual<br>Nanoliter-sized Droplets                                |                     |
| Resch, Kevin     | University of Waterloo   | Physics and Astronomy                        | Ontario         | CANADA      | 03/26/2013  | 1                 | 150 000         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1  | Steacie Fellowship RTI - A<br>pulsed laser system for<br>exploring chirped-pulse<br>quantum nonlinear optics<br>and quantum memories         |                     |
| Richman, Russell | Ryerson University       | Architectural Science                        | Ontario         | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de<br>subventions d'engagement partenariat   | Durability, Cost and<br>Structural Analysis of a<br>Novel Re-Roofing System  |                     |
| Rigby, Peter     | Concordia University     | Computer Science and<br>Software Engineering | Québec          | CANADA      | 03/19/2013  | 3                 | 26 088          | Department of National Defence / NSERC<br>Research Partnership/ Partenariat de recherche<br>du ministère de la Défense nationale et du<br>CRSNG | The Impact of Disruptive<br>Events on Software Systems   |                     |
| Rioux, Didier    | Cégep de La Pocatière    | Siège social                                 | Québec          | CANADA      | 01/18/2013  | 3                 | 225 000         | Applied Research and Development Grants -<br>Level 2/ Subventions de recherche et<br>développement appliquée - niveau 2                         | Développement d'un<br>système de rangement<br>intelligent  |                     |
| Ritz, Emily      | University of Guelph     | Physics                                      | Ontario         | CANADA      | 02/14/2013  | 3                 | 105 000         | Alexander Graham Bell Canada Graduate<br>Scholarship D/ Bourse d'études supérieures du<br>Canada Alexander-Graham-Bell D                        | High-sensitivity Dynamic<br>Nuclear Polarization Nuclear<br>Magnetic Resonance studies<br>of membrane protein<br>structure                   |                     |
| Rizae, Samira    | University of Calgary    | Civil Engineering                            | Alberta         | CANADA      | 03/19/2013  | 3                 | 30 000          | Industrial Postgraduate Scholarships/ Bourses<br>d'études supérieures en milieu industriel  | Investigation of different<br>parameters affecting<br>behavior of reinforced<br>masonry walls subjected to<br>In-plane shear cyclic loading  |                     |
| Robert, Mathieu  | Université de Sherbrooke | Génie civil                                  | Québec          | CANADA      | 03/26/2013  | 1                 | 36 800          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1  | Plate-forme d'élaboration de<br>nanocomposites polymères<br>pour le génie civil  |                     |

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| Robillard, Martin   | McGill University                              | Computer Science, School of                                    | Québec          | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Automated generation of cross-references for heterogeneous software documentation                                   |                     |
| Robitaille, Richard | Université de Montréal                         | Physiologie  | Québec          | CANADA      | 03/26/2013  | 1                 | 107 905         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Endoscopic cellular imaging of astrocyte-neuron interactions in vivo  |                     |
| Rocheffort, Line    | Université Laval                               | Phytologie   | Québec          | CANADA      | 03/19/2013  | 5                 | 1515 024        | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Farm, restore and model: responsible management of peatlands for a sustainable Canadian horticultural peat industry |                     |
| Rochette, Martin    | McGill University                              | Electrical and Computer Engineering                            | Québec          | CANADA      | 03/26/2013  | 1                 | 130 106         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Research Equipment for Photonics Applications in the Mid-Infrared Wavelength Range of 1850-4500 nm                  |                     |
| Rodrigue, Denis     | Université Laval                               | Génie chimique   | Québec          | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Fil composite nylon/chanvre   |                     |
| Rogers, Sean        | University of Calgary                          | Biological Sciences  | Alberta         | CANADA      | 03/26/2013  | 1                 | 62 760          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | AQUATIC HOUSING TO STUDY THE ECOLOGY AND EVOLUTION OF FISHES AT THE BAMFIELD MARINE SCIENCES CENTRE                 |                     |
| Rohrbach, Petra     | McGill University                              | Parasitology, Institute of (Macdonald)                         | Québec          | CANADA      | 03/26/2013  | 1                 | 97 360          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Environment and Detection System for Live Cell Imaging  |                     |
| Roorda, Matthew     | University of Toronto                          | Civil Engineering  | Ontario         | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Integrated pedestrian and vehicle simulation modelling  |                     |
| Rose, David         | University of Waterloo                         | Biology  | Ontario         | CANADA      | 03/26/2013  | 1                 | 76 913          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Instrumentation for Protein Crystallization and Analysis  |                     |
| Rosei, Federico     | Institut national de la recherche scientifique | Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes | Québec          | CANADA      | 01/18/2013  | 3                 | 162 000         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Novel reinforced nanocomposite material based on carbon nanotubes and self-healing processes                        |                     |
| Rosei, Federico     | Institut national de la recherche scientifique | Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes | Québec          | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Highly efficient photovoltaic system using spectral dispersion and concentrating optics                             |                     |

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| Ross Friedman, Cynthia | Thompson Rivers University                     | Biological Sciences  | British Columbia/<br>Colombie-Britannique | CANADA      | 03/26/2013  | 1                 | 73 173          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | (Ultra)microtome for thin and ultrathin sectioning needed for light and electron microscope study of dwarf mistletoe anatomy and reproductive development. |                     |
| Ross, Guy              | Institut national de la recherche scientifique | Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes | Québec                                    | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Thermal resistance improvement of germanium fiber Bragg gratings   |                     |
| Ross, Guy              | Institut national de la recherche scientifique | Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes | Québec                                    | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Relaxation of strained GaN thin films by light ion implantation  |                     |
| Rousseau, Déric        | Ryerson University                             | Chemistry and Biology  | Ontario                                   | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | A novel method for the characterization of food ingredient composition   |                     |
| Rowe, R Kerry          | Queen's University                             | Civil Engineering  | Ontario                                   | CANADA      | 02/15/2013  | 2                 | 53 539          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Leakage through a hole in a geomembrane liner for tailings dams  |                     |
| Ruhe, Guenther         | University of Calgary                          | Computer Science   | Alberta                                   | CANADA      | 03/19/2013  | 1                 | 45 000          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Service and release planning for cloud and mobile applications   |                     |
| Rusch, Leslie Ann      | Université Laval                               | Génie électrique et génie informatique                         | Québec                                    | CANADA      | 03/19/2013  | 3                 | 95 220          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Robust modulation techniques and detection algorithms for optical OFDM in passive optical networks   |                     |
| Rusch, Leslie Ann      | Université Laval                               | Génie électrique et génie informatique                         | Québec                                    | CANADA      | 03/26/2013  | 1                 | 141 510         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Upgrade to 52 Gbaud coherent detection for high spectral efficiency links  |                     |
| Rusch, Leslie Ann      | Université Laval                               | Génie électrique et génie informatique                         | Québec                                    | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Assessing modal coupling in generation of linearly polarized light beams and orbital angular momentum light beams for space division multiplexing          |                     |
| Sadat, Fatiha          | Université du Québec à Montréal                | Informatique   | Québec                                    | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Arabic social media analysis tools (ASMAT)   |                     |

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| Saha, Ouafi           | University of Saskatchewan            | Civil and Geological Engineering            | Saskatchewan                           | CANADA                    | 03/19/2013  | 3                 | 30 000          | Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel                                     | Developing a cold weather admixture system for low temperature masonry construction                                    |                     |
| Salcudean, Septimiu   | University of British Columbia        | Electrical and Computer Engineering         | British Columbia/ Colombie-Britannique | CANADA                    | 03/26/2013  | 1                 | 133 900         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                               | Automated Breast Ultrasound System for Multi-Modal Imaging   |                     |
| Salehi, Ebrahim       | Hatch Ltd.                            | Principal Regional Office Alberta (Calgary) | Ontario                                | CANADA                    | 03/19/2013  | 2                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)                                    | Gas to liquids technology review: Understanding Fischer-Tropsch kinetics   |                     |
| Salek, Mohammadmedhdi | Massachusetts Institute of Technology | Civil & Environmental Engineering           |  | UNITED STATES/ ÉTATS-UNIS | 01/03/2013  | 3                 | 80 000          | Postdoctoral Fellowships/ Bourses postdoctorales  | Microfluidic study of bacterial behavior and biofilm formation under different hydrodynamic conditions                 |                     |
| Sanders, Sean         | University of Alberta                 | Chemical and Materials Engineering          | Alberta                                | CANADA                    | 03/19/2013  | 6                 | 1737 554        | Industrial Research Chairs/ Professeurs-chercheurs industriels  | NSERC Industrial Research Chair in Pipeline Transport Processes  |                     |
| Sang, Yizhou          | Tri-Y Technologies Inc.               | Head Office                                 | British Columbia/ Colombie-Britannique | CANADA                    | 03/19/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)                                    | Depolymerization of cellulose by fenton reaction to produce liquid hydrocarbon fuels                                   |                     |
| Santerre, Paul        | University of Toronto                 | Dentistry, Faculty of                       | Ontario                                | CANADA                    | 02/15/2013  | 1                 | 200 000         | Synergy Awards/ Prix synergie   | Novel technologies for biomedical polymers   |                     |
| Savard, Véronique     | Université du Québec à Chicoutimi     | Sciences appliquées                         | Québec                                 | CANADA                    | 03/19/2013  | 4                 | 27 000          | Industrial Scholarship in Partnership with the FQRNT- Doctoral/ Bourse industrielle en partenariat avec le FQRNT - Doctorat | Étude de la compaction de la boue rouge sous l'action d'une vis hélicoïdale de transport                               |                     |
| Schafer, Laurel       | University of British Columbia        | Chemistry                                   | British Columbia/ Colombie-Britannique | CANADA                    | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Preparation, characterization and investigation of novel organometallic precursors for nanoparticle synthesis          |                     |
| Schlegel, Christian   | Dalhousie University                  | Electrical & Computer Engineering           | Nova Scotia/ Nouvelle-Écosse           | CANADA                    | 02/15/2013  | 5                 | 1100 000        | Industrial Research Chairs/ Professeurs-chercheurs industriels  | NSERC/Ultra Electronics Maritime Systems Industrial Research Chair in wireless information transmission and networking |                     |
| Schmidt, Bonnie       | Let's Talk Science                    | Head Office                                 | Ontario                                | CANADA                    | 02/14/2013  | 3                 | 225 000         | PromoScience  | CurioCity / CurioCité  |                     |
| Schoenau, Jeffrey     | University of Saskatchewan            | Soil Science                                | Saskatchewan                           | CANADA                    | 02/15/2013  | 2                 | 40 018          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                        | Improving Zn bioavailability in lentil through fertilization   |                     |



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|------------------------|---|--|---|-------------|-------------|-------------------|-----------------|--|--|---------------------|
| Schrobligen, Gary      | McMaster University                       | Chemistry & Chemical Biology                           | Ontario                                   | CANADA      | 03/26/2013  | 1                 | 65 490          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1               | Curved Crystal Microfocus<br>X-ray Monochromator   |                     |
| Schulte, Patricia      | University of British Columbia            | Zoology  | British Columbia/<br>Colombie-Britannique | CANADA      | 03/26/2013  | 1                 | 27 315          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1               | Real time PCR machine  |                     |
| Schweitzer, Mark       | University of Ottawa/ Université d'Ottawa | Radiology  | Ontario                                   | CANADA      | 03/19/2013  | 2                 | 221 804         | Collaborative Research and Development<br>Grants/ Subventions de recherche et<br>développement coopérative     | Development of a non-linear<br>optical laser scanning<br>microscopy system for in<br>situ examination of<br>cartilage reconstructive<br>procedures |                     |
| Seah, Stephen          | University of Guelph                      | Molecular and Cellular<br>Biology                      | Ontario                                   | CANADA      | 03/26/2013  | 1                 | 25 068          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1               | System for lyophilization of<br>proteins and metabolites   |                     |
| Seamone, Benjamin      | Université de Montréal                    | Informatique et<br>recherche opérationnelle            | Québec                                    | CANADA      | 01/23/2013  | 3                 | 80 000          | Postdoctoral Fellowships/ Bourses<br>postdoctorales  | A generalized graph<br>searching problem -- cops<br>and robbers subject to<br>movement constraints   |                     |
| Secanell Gallart, Marc | University of Alberta                     | Mechanical Engineering                                 | Alberta                                   | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de<br>subventions d'engagement partenariat                                    | Analysis and optimization of<br>anode electrode composition<br>of polymer electrolyte<br>membrane electrolyzers                                    |                     |
| Seth, Rajesh           | University of Windsor                     | Civil and Environmental<br>Engineering                 | Ontario                                   | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de<br>subventions d'engagement partenariat                                    | Development and Testing of<br>an Ames Fluctuation Test<br>Kit for Determination of<br>Genotoxicity in Water and<br>Wastewater                      |                     |
| Shademan, Mehrdad      | University of Windsor                     | Mechanical, Automotive<br>and Materials<br>Engineering | Ontario                                   | CANADA      | 02/14/2013  | 3                 | 150 000         | Vanier Canada Graduate Scholarships -<br>Doctoral/ Bourses d'études supérieures du<br>Canada Vanier - Doctorat | Large Eddy Simulation of<br>High Reynolds Number<br>Impinging Jet with Large<br>Impingement Height to<br>Nozzle Diameter Ratio                     |                     |
| Shafai, Cyrus          | University of Manitoba                    | Electrical and Computer<br>Engineering                 | Manitoba                                  | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de<br>subventions d'engagement partenariat                                    | MEMS mirror elements for<br>optical-based gas analysis<br>system   |                     |
| Shan, Jinjun           | York University                           | Earth and Space Science<br>and Engineering             | Ontario                                   | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de<br>subventions d'engagement partenariat                                    | Development of high-<br>resolution real-time data<br>acquisition and control<br>system for space application                                       |                     |

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|------------------------|---|---|---|------------------------------|-------------|-------------------|-----------------|--|--|---------------------|
| Shanahan, Marie-Claire | University of Alberta                   | Institute for Space Science, Exploration and Technology (ISSET) | Alberta                                   | CANADA                       | 02/14/2013  | 3                 | 39 900          | PromoScience   | ISSET Space Camp   |                     |
| Shevchenko, Yanina     | Harvard University                      | Chemistry & Chemical Biology                                    |   | UNITED STATES/<br>ÉTATS-UNIS | 01/03/2013  | 3                 | 80 000          | Postdoctoral Fellowships/ Bourses postdoctorales   | Two-photon polymerization for tissue engineering scaffold fabrication  |                     |
| Shimogonya, Yuji       | University of Toronto                   | Mechanical and Industrial Engineering                           | Ontario                                   | CANADA                       | 02/14/2013  | 1                 | 40 000          | JSPS Researcher Exchange Program/<br>Programme d'échange de la SJPS pour chercheur japonais      | Numerical simulation of magnetically targeted drug delivery within blood vessels for the treatment of cerebral aneurysms                   |                     |
| Shoichet, Molly        | University of Toronto                   | Chemical Engineering and Applied Chemistry                      | Ontario                                   | CANADA                       | 03/26/2013  | 1                 | 70 036          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1 | Designer Peptides and Proteins: Characterization by High Pressure Liquid Chromatography  |                     |
| Shrimpton, Mark        | University of Northern British Columbia | Biology   | British Columbia/<br>Colombie-Britannique | CANADA                       | 03/26/2013  | 1                 | 25 873          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1 | Multichannel respirometer with fiber optic dissolved oxygen sensors  |                     |
| Siciliano, Steven      | University of Saskatchewan              | Soil Science  | Saskatchewan                              | CANADA                       | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                         | Validation and implementation of fungal primers for use on next generation sequencing technology to assess constructed wetland performance |                     |
| Silva, Carlos          | Université de Montréal                  | Physique  | Québec                                    | CANADA                       | 03/26/2013  | 1                 | 33 523          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1 | Critical repair of an ultrafast laser system for research on semiconductor materials   |                     |
| Silver, Daniel         | Acadia University                       | Computer Science, Jodrey School of                              | Nova Scotia/ Nouvelle-Écosse              | CANADA                       | 02/14/2013  | 3                 | 60 000          | PromoScience   | Acadia University Robot Programming Competitions   |                     |
| Simmons, Craig         | University of Toronto                   | Mechanical and Industrial Engineering                           | Ontario                                   | CANADA                       | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                         | Improved biomaterial substrates for cell stretching systems  |                     |
| Simon, Leonardo        | University of Waterloo                  | Chemical Engineering  | Ontario                                   | CANADA                       | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                         | Structure of Novel Biopolymers Manufactured by Polymer Specialties International   |                     |

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|----------------------|---------------------------------|---|------------------------------|-------------|-------------|-------------------|-----------------|--|---|---------------------|
| Simon, Leonardo      | University of Waterloo          | Chemical Engineering                            | Ontario                      | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Characterization of NanoCelTM, a Renewable and Biodegradable Nanomaterial               |                     |
| Simpson, Andre       | University of Toronto           | Physical & Environmental Sciences (Scarborough) | Ontario                      | CANADA      | 03/26/2013  | 1                 | 149 999         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Prodigy Cryoprobe for Environmental NMR Research  |                     |
| Sinclair, Anthony    | University of Toronto           | Mechanical and Industrial Engineering           | Ontario                      | CANADA      | 03/19/2013  | 3                 | 59 108          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Corrosion assessment in buried pipes  |                     |
| Singh, Baljit        | University of Saskatchewan      | Veterinary Biomedical Sciences                  | Saskatchewan                 | CANADA      | 01/18/2013  | 1                 | 25 000          | Partnership Workshops Program/ Programme d'ateliers de partenariat                                   | Frontiers in Hybrid Imaging Technology Workshop   |                     |
| Singh, Chandra Veer  | University of Toronto           | Materials Science and Engineering               | Ontario                      | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Deformation and failure mechanisms in multi-layered alloy nanostructures                |                     |
| Singhal, Anthony     | University of Alberta           | Psychology                                      | Alberta                      | CANADA      | 03/26/2013  | 1                 | 37 447          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | High density sensory arrays for cognitive neuroscience research.                        |                     |
| Sivonthaman, Siva    | University of Waterloo          | Electrical & Computer Engineering               | Ontario                      | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Smart switch network for dynamic power routing in building-mounted photovoltaic systems |                     |
| Skorobogatiy, Maksim | École Polytechnique de Montréal | Génie physique                                  | Québec                       | CANADA      | 03/26/2013  | 1                 | 59 435          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Femtosecond fiber laser for the THz near-field camera                                   |                     |
| Slamovits, Claudio   | Dalhousie University            | Biochemistry and Molecular Biology              | Nova Scotia/ Nouvelle-Écosse | CANADA      | 03/26/2013  | 1                 | 147 455         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | An in-house high-throughput DNA sequencing instrument.                                  |                     |
| Sleiman, Hanadi      | McGill University               | Chemistry                                       | Québec                       | CANADA      | 03/26/2013  | 1                 | 49 747          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | DNA and Protein Imaging System  |                     |
| Smith, Donald        | McGill University               | Plant Science                                   | Québec                       | CANADA      | 03/19/2013  | 1                 | 25 000          | Partnership Workshops Program/ Programme d'ateliers de partenariat                                   | First green solutions workshop - focus on low input potato production                   |                     |
| Smith-Palmer, Truis  | St. Francis Xavier University   | Chemistry                                       | Nova Scotia/ Nouvelle-Écosse | CANADA      | 02/14/2013  | 3                 | 50 100          | PromoScience   | X-Chem Outreach   |                     |

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|-------------------|-----------------------------------|--|--|---------------------------|-------------|-------------------|-----------------|--|--|---------------------|
| Sobot, Robert     | The University of Western Ontario | Electrical and Computer Engineering          | Ontario                                | CANADA                    | 03/19/2013  | 2                 | 40 000          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Analogue signal processing unit and calibration methodology for a dual miniature cardiac pressure-volume sensor  |                     |
| Song, Jun         | McGill University                 | Mining & Materials Engineering.              | Québec                                 | CANADA                    | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Atomistic characterization of hydrogen trap sites in Zn-Ni coatings  |                     |
| Song, Jun         | McGill University                 | Mining & Materials Engineering.              | Québec                                 | CANADA                    | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Computer modeling of deformation of metal framework during attach/detach of dental prosthesis  |                     |
| Sonier, Jeffrey   | Simon Fraser University           | Physics                                      | British Columbia/ Colombie-Britannique | CANADA                    | 03/26/2013  | 1                 | 150 000         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | High field superconducting magnet for muon studies of advanced materials   |                     |
| Sonnentag, Oliver | Université de Montréal            | Géographie                                   | Québec                                 | CANADA                    | 03/26/2013  | 1                 | 146 469         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Quantifying carbon, water and energy fluxes of northern ecosystems under the influence of rapidly changing permafrost regimes.                                   |                     |
| Sorelli, Luca     | Université Laval                  | Génie civil et génie des eaux                | Québec                                 | CANADA                    | 03/19/2013  | 3                 | 62 000          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Fostering the new generation of UHPFRC infrastructures in Canada: characterizing and modeling the effect of fibre orientation on the structural ductility        |                     |
| Sorin, Mikhail    | Université de Sherbrooke          | Génie mécanique                              | Québec                                 | CANADA                    | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Modélisation et conception d'un système de production du froid solaire   |                     |
| Souden, Mehrez    | Georgia Institute of Technology   | Electrical & Computer Engineering, School of |  | UNITED STATES/ ÉTATS-UNIS | 01/03/2013  | 3                 | 80 000          | Postdoctoral Fellowships/ Bourses postdoctorales   | Exploitation des informations a priori sur les signaux audio et l'environnement de propagation pour l'extraction de la parole dans les applications mains-libres |                     |

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| Soudki, Khaled         | University of Waterloo              | Civil & Environmental Engineering             | Ontario  | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Evaluation of Structural Behaviour of a Novel Composite Panel                                      |                     |
| Speers-Roesch, Ben     | Memorial University of Newfoundland | Ocean Sciences                                | Newfoundland and Labrador/ Terre-Neuve-et-Labrador | CANADA      | 01/03/2013  | 3                 | 80 000          | Postdoctoral Fellowships/ Bourses postdoctorales   | Signals and mechanisms of seasonal metabolic rate depression in fishes                             |                     |
| Spence, John           | University of Alberta               | Renewable Resources                           | Alberta  | CANADA      | 03/19/2013  | 5                 | 848 713         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Adaptive forest management through EMEND (Ecosystem Management Emulating Natural Disturbance)      |                     |
| Stathopoulos, Theodore | Concordia University                | Building, Civil and Environmental Engineering | Québec   | CANADA      | 03/26/2013  | 1                 | 39 812          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Wind tunnel dispersion measurement instrumentation   |                     |
| Steeves, Craig         | University of Toronto               | Aerospace Studies, Institute for              | Ontario  | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Minimum weight design of nanometal-coated composite pipes  |                     |
| Steinberg, Aephraim    | University of Toronto               | Physics (St. George Campus)                   | Ontario  | CANADA      | 03/26/2013  | 1                 | 148 759         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Ultrafast laser for manipulation of semiconductor quantum systems                                  |                     |
| Stix, John             | McGill University                   | Earth and Planetary Sciences                  | Québec   | CANADA      | 03/26/2013  | 1                 | 36 829          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Infrared imaging camera for volcanology and hydrology  |                     |
| St-Onge, Guillaume     | Université du Québec à Rimouski     | Sciences de la mer de Rimouski, Institut des  | Québec   | CANADA      | 03/26/2013  | 1                 | 72 714          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Acquisition d'une chambre froide pour la conservation de carottes sédimentaires                    |                     |
| Storey, Kenneth        | Carleton University                 | Biology                                       | Ontario  | CANADA      | 03/26/2013  | 1                 | 61 362          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Multiplex-ing our way to the future: advanced technology for metabolic analysis                    |                     |
| Stuerzlinger, Wolfgang | York University                     | Computer Science and Engineering              | Ontario  | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Error Behaviours in Natural User Interfaces  |                     |
| Sugisaki, Mitsuru      | University of Toronto               | Medical Biophysics                            | Ontario  | CANADA      | 01/23/2013  | 1                 | 40 000          | JSPS Researcher Exchange Program/ Programme d'échange de la SJPS pour chercheur japonais             | Visualization of early events of photosynthesis by means of novel ultra-high resolution microscopy |                     |
| Sullivan, Karen        | Deep River Science Academy          | Head Office                                   | Ontario  | CANADA      | 02/14/2013  | 3                 | 50 100          | PromoScience   | Summer Science Immersion for Youth   |                     |
| Sullivan, Robert       | Université Laval                    | Obstétrique et gynécologie                    | Québec   | CANADA      | 03/19/2013  | 3                 | 309 753         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Optimization of semen processing for the bovine artificial insemination                            |                     |

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| Sultan, Maryam         | University of Guelph                      | Environmental Sciences, School of                      | Ontario                                | CANADA      | 01/17/2013  | 3                 | 30 000          | Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel              | Use of the Sterile Insect Technique in combination with a parasitic wasp, <i>Diglyphus isaea</i> , to eradicate leafminers ( <i>Liriomyza trifolii</i> ) in ornamental greenhouses |                     |
| Sun, Yu                | University of Toronto                     | Mechanical and Industrial Engineering                  | Ontario                                | CANADA      | 03/26/2013  | 1                 | 141 308         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Steacie Fellowship RTI - A Scanning Electron Microscope for Nanorobotic Manipulation   |                     |
| Sundaram, Shreyas      | University of Waterloo                    | Electrical & Computer Engineering                      | Ontario                                | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | An Optimization Algorithm for a Ride-Share Commuting System  |                     |
| Sushama, Laxmi         | Université du Québec à Montréal           | Sciences de la terre et de l'atmosphère                | Québec                                 | CANADA      | 02/15/2013  | 6                 | 4078 255        | Climate Change and Atmospheric Research/ Recherche sur les changements climatique & l'atmosphère     | Canadian network for regional climate and weather processes  |                     |
| Sutherland, Robert     | University of Lethbridge                  | Neuroscience   | Alberta                                | CANADA      | 03/26/2013  | 1                 | 149 462         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | MRI upgrades to enable rodent and human research   |                     |
| Suttle, Curtis         | University of British Columbia            | Earth and Ocean Sciences                               | British Columbia/ Colombie-Britannique | CANADA      | 01/28/2013  | 1                 | 68 178          | Discovery Grants Program - Ship Time/ Programme de subventions à la découverte - temps navire        | Viruses and viral-mediated processes in the sea  |                     |
| Swan, Lukas            | Dalhousie University                      | Mechanical Engineering                                 | Nova Scotia/ Nouvelle-Écosse           | CANADA      | 02/15/2013  | 2                 | 50 000          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Battery formation efficiency and efficacy for off-grid solar electricity storage   |                     |
| Swayne, Leigh Anne     | University of Victoria                    | Medical Sciences Division                              | British Columbia/ Colombie-Britannique | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Creation and validation of pannexin 1 and pannexin 2 antibodies  |                     |
| Szpunar, Jerzy         | University of Saskatchewan                | Mechanical Engineering                                 | Saskatchewan                           | CANADA      | 01/18/2013  | 3                 | 172 800         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Microstructure in hydrogen induced cracking of pipeline steel  |                     |
| Szpunar, Jerzy         | University of Saskatchewan                | Mechanical Engineering                                 | Saskatchewan                           | CANADA      | 03/26/2013  | 1                 | 150 000         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Laser Flash Analyzer for Measurement of Thermal Conductivity and Diffusivity of Liquids and Solids   |                     |
| Szyszkowicz, Sebastian | University of Ottawa/ Université d'Ottawa | Electrical Engineering and Computer Science, School of | Ontario                                | CANADA      | 03/06/2013  | 3                 | 80 000          | Postdoctoral Fellowships/ Bourses postdoctorales   | Wireless ray-tracing to enable cost-effective accurate wireless channel characterisation   |                     |

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|-------------------------|--|---|---|--------------------------------|-------------|-------------------|-----------------|--|--|---------------------|
| Tabrizian, Maryam       | McGill University                              | Biomedical Engineering                                    | Québec                                    | CANADA                         | 03/26/2013  | 1                 | 44 822          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Fluorescent/UV/Vis spectrophotometry for the determination of biocompatibility, cell adhesion properties and quantitative analysis of different analytes |                     |
| Tachie, Mark Francis    | University of Manitoba                         | Mechanical and Manufacturing Engineering                  | Manitoba                                  | CANADA                         | 01/18/2013  | 4                 | 120 615         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Experimental study of offset and reattached turbulent jets   |                     |
| Tai, Vera               | University of British Columbia                 | Botany  | British Columbia/<br>Colombie-Britannique | CANADA                         | 01/03/2013  | 3                 | 80 000          | Postdoctoral Fellowships/ Bourses postdoctorales   | The microbial community of termite and cockroach hindguts - a model ecosystem  |                     |
| Taiebat, Mahdi          | University of British Columbia                 | Civil Engineering   | British Columbia/<br>Colombie-Britannique | CANADA                         | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Micromechanical study of large strain consolidation  |                     |
| Taiebat, Mahdi          | University of British Columbia                 | Civil Engineering   | British Columbia/<br>Colombie-Britannique | CANADA                         | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Seismic design of deep basement walls  |                     |
| Tait, Michael           | McMaster University                            | Civil Engineering   | Ontario                                   | CANADA                         | 03/26/2013  | 1                 | 149 500         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Hydraulic Power Supply (HPS) for Multi-Purpose Dynamic Testing   |                     |
| Take, William Andrew    | Queen's University                             | Civil Engineering   | Ontario                                   | CANADA                         | 03/26/2013  | 1                 | 97 792          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | An X-ray imaging facility to improve geosynthetic landfill liner materials   |                     |
| Taketo-Hosotani, Teruko | McGill University                              | Surgery   | Québec                                    | CANADA                         | 03/26/2013  | 1                 | 123 557         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Fluorescence microscope with image analysis system for the cytogenetic studies of germ cells.  |                     |
| Tam, Michael            | University of Waterloo                         | Chemical Engineering                                      | Ontario                                   | CANADA                         | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Formulation and characterisation of Ecosphere® Systems for various applications  |                     |
| Tatu, Serioja           | Institut national de la recherche scientifique | Centre Énergie, Matériaux et Télécommunication - Montréal | Québec                                    | CANADA                         | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Design and development of efficient antennas and antenna tuners for industrial microwave heating applications  |                     |
| Taylor, Graham          | University of Guelph                           | Engineering, School of                                    | Ontario                                   | CANADA                         | 03/26/2013  | 1                 | 93 258          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | GPU infrastructure for large-scale machine learning  |                     |
| Taylor, Robyn           | Newcastle University                           | Computing Science, School of                              |   | UNITED KINGDOM/<br>ROYAUME-UNI | 01/03/2013  | 3                 | 90 000          | Postdoctoral Fellowships/ Bourses postdoctorales   | Exploring Engagement with Playful Virtual Characters Situated in Public Spaces   |                     |

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| Tepe, Kemal          | University of Windsor  | Electrical and Computer Engineering   | Ontario                                | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Monitoring and controlling the grid integration of photovoltaic (PV) generation   |                     |
| Tesfamariam, Solomon | University of British Columbia                                       | Okanagan - Engineering, School of     | British Columbia/ Colombie-Britannique | CANADA      | 02/15/2013  | 3                 | 232 500         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative   | Risk-based asset management for small to medium-sized water utilities   |                     |
| Teyssedou, Alberto   | École Polytechnique de Montréal                                      | Génie physique                        | Québec                                 | CANADA      | 02/15/2013  | 3                 | 320 000         | NSERC/NRCan/AECL Generation IV Energy Technologies Program/ Programme des technologies énergétiques de quatrième génération CRSNG RNCan EACL | Choking Flow in Supercritical Fluids  |                     |
| Thibault, Simon      | Université Laval   | Physique, génie physique et optique   | Québec                                 | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Projection volumétrique   |                     |
| Thielman, Aynsley    | Culex Environmental Ltd  | Head Office                           | British Columbia/ Colombie-Britannique | CANADA      | 02/15/2013  | 3                 | 60 817          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)   | Determination of the mosquito vectors of West Nile and Venezuelan Equine Encephalitis viruses and their larval habitat associations in the Tempisque Valley, Guanacaste, Costa Rica |                     |
| Thomas, Sean         | University of Toronto  | Forestry, Faculty of                  | Ontario                                | CANADA      | 03/26/2013  | 1                 | 37 100          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1  | Multi-gas surface area and pore size analysis system for characterization of micro- and nano-porosity of biochar and other biomaterials   |                     |
| Thomson, Murray      | University of Toronto  | Mechanical and Industrial Engineering | Ontario                                | CANADA      | 03/26/2013  | 1                 | 97 034          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1  | Characterisation of Combustion Generated Nano-particles   |                     |
| Thomson, Neil        | University of Waterloo   | Civil & Environmental Engineering     | Ontario                                | CANADA      | 03/19/2013  | 4                 | 930 652         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative   | Evaluation and optimization of in situ chemical oxidation for groundwater remediation   |                     |
| Thurston, Phillips   | Laurentian University of Sudbury/ Université Laurentienne de Sudbury | Earth Sciences                        | Ontario                                | CANADA      | 03/19/2013  | 4                 | 63 220          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative   | Geochemistry of banded iron formation hosting gold mineralization   |                     |
| Tighe, Susan         | University of Waterloo   | Civil & Environmental Engineering     | Ontario                                | CANADA      | 01/18/2013  | 4                 | 500 000         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative   | Sustainable long life concrete pavements  |                     |



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| Tighe, Susan           | University of Waterloo                         | Civil & Environmental Engineering        | Ontario                                | CANADA      | 01/18/2013  | 2                 | 92 308          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Determining quantity of recycled asphalt pavement (RAP) in hot mix asphalt (HMA)                                      |                     |
| Topple, Jessica        | Chipworks Inc.                                 | Head Office                              | Ontario                                | CANADA      | 02/15/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)             | Development of world class scanning electrical probe microscopy for applications in semiconductor reverse engineering |                     |
| Trainor, Laurel        | McMaster University                            | Psychology, Neuroscience & Behaviour     | Ontario                                | CANADA      | 03/26/2013  | 1                 | 51 851          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Understanding Auditory Development in Young Children  |                     |
| Trefz, Tyler           | Automotive Fuel Cell Cooperation               | Head Office                              | British Columbia/ Colombie-Britannique | CANADA      | 03/19/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)             | High performing and durable catalyst for polymer electrolyte fuel cell  |                     |
| Tremblay, Robert       | École Polytechnique de Montréal                | Génies Civil, géologique et des mines    | Québec                                 | CANADA      | 03/26/2013  | 1                 | 118 716         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Multi-Purpose Non-Contact Three-Dimensional Strain and Displacement Measurement System                                |                     |
| Tremblay, Sébastien    | Université Laval                               | Psychologie, École de                    | Québec                                 | CANADA      | 03/19/2013  | 4                 | 222 364         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | E-CODEM: Interactive Learning for Complex Decision Making   |                     |
| Tremblay, Sébastien    | Université Laval                               | Psychologie, École de                    | Québec                                 | CANADA      | 03/19/2013  | 4                 | 347 160         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Cognitive solutions to surveillance in security (CSSS)  |                     |
| Tremblay, Yves         | Université Laval                               | Obstétrique et gynécologie               | Québec                                 | CANADA      | 03/26/2013  | 1                 | 48 256          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | ChemiDoc MP Imaging System  |                     |
| Trivedi, Japan         | University of Alberta                          | Civil and Environmental Engineering      | Alberta                                | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Tight gas reservoir characterization and history matching framework using Ensemble Kalman Filter and DFN modeling     |                     |
| Trottier, Howard       | Simon Fraser University                        | Science, Faculty of                      | British Columbia/ Colombie-Britannique | CANADA      | 02/14/2013  | 3                 | 60 000          | PromoScience   | Science in Action   |                     |
| Tyagi, Rajeshwar Dayal | Institut national de la recherche scientifique | Centre Eau, Terre et Environnement (ETE) | Québec                                 | CANADA      | 03/26/2013  | 1                 | 44 940          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Stacked incubator shaker with cooling system  |                     |

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| Tzekakis, Dimitrios Joseph | Memorial University of Newfoundland                | Science, Faculty of                | Newfoundland and Labrador/ Terre-Neuve-et-Labrador | CANADA      | 03/19/2013  | 5                 | 30 000          | Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel  | Testing of Temporal Monitoring Techniques for Benthic Habitat Impacts of Tidal Energy Development in the Bay of Fundy  |                     |
| Uludag, Hasan              | University of Alberta                              | Chemical and Materials Engineering | Alberta  | CANADA      | 03/26/2013  | 1                 | 79 600          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1  | A Digital PCR for Biomedical Engineering Research  |                     |
| Valliant, John             | Centre for Probe Development and Commercialization | Head Office                        | Ontario  | CANADA      | 03/28/2013  | 2                 | 4640 000        | Centres of Excellence for Commercialization and Research - Group/ Centres d'excellence en commercialisation et en recherche - groupe | CPDC - Centre for Probe Development and Commercialization / Centre for de Développement et de Commercialization de Traceurs  |                     |
| Vanderhyden, Barbara       | University of Ottawa/ Université d'Ottawa          | Cellular and Molecular Medicine    | Ontario  | CANADA      | 02/14/2013  | 3                 | 135 000         | PromoScience   | Science Travels, University of Ottawa  |                     |
| Vaughan, Richard           | Simon Fraser University                            | Computing Science, School of       | British Columbia/ Colombie-Britannique             | CANADA      | 03/26/2013  | 1                 | 60 124          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1  | HRI in the Sky: Command and Control of Teams of Flying Robots by Uninstrumented Operators  |                     |
| Vaughan, Rodney            | Simon Fraser University                            | Engineering Science, School of     | British Columbia/ Colombie-Britannique             | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Evaluation of a prototype leaky wave antenna for satellite communications  |                     |
| Vaughan, Rodney            | Simon Fraser University                            | Engineering Science, School of     | British Columbia/ Colombie-Britannique             | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat   | Investigation of microwave antenna design for harvested food drying  |                     |
| Vecchio, Frank             | University of Toronto                              | Civil Engineering                  | Ontario  | CANADA      | 03/19/2013  | 3                 | 122 400         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                                 | Improved analysis and design of concrete foundations for wind turbine structures   |                     |
| Venditti, Jeremy           | Simon Fraser University                            | Geography                          | British Columbia/ Colombie-Britannique             | CANADA      | 03/26/2013  | 1                 | 68 001          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1  | Multibeam echosounder (MBES) for mapping subaqueous topography in rivers, lakes and seas   |                     |
| Virgilio, Nick             | École Polytechnique de Montréal                    | Génie chimique                     | Québec   | CANADA      | 03/26/2013  | 1                 | 147 000         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1  | A versatile optical tensiometer allowing the investigation of static and dynamic interfacial properties in multiphase soft matter systems comprised of stimuli-responsive interfaces |                     |

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| Voiniciuc, Catalin     | Rheinisch-Westfälische Technische Hochschule Aachen University | Biology 1  |                                  | GERMANY/<br>ALLEMAGNE | 01/03/2013  | 4                 | 63 000          | Postgraduate Scholarships D/ Bourses d'études supérieures D  | Bridging the Gap: Identifying Proteins Required for Anchoring the Plant Cell Wall to the Plasma Membrane           |                     |
| Voordouw, Gerrit       | University of Calgary  | Biological Sciences                              | Alberta                          | CANADA                | 01/18/2013  | 5                 | 1800 000        | Industrial Research Chairs/ Professeurs-chercheurs industriels                                       | NSERC Industrial Research Chair in Petroleum Microbiology  |                     |
| Voyer, Normand         | Université Laval   | Chimie   | Québec                           | CANADA                | 02/14/2013  | 3                 | 42 600          | PromoScience   | Promoscience   |                     |
| Wahid, Khan            | University of Saskatchewan                                     | Electrical & Computer Engineering                | Saskatchewan                     | CANADA                | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Implementation of a satellite data link capability on an Android operating system mobile device                    |                     |
| Wakarchuk, Warren      | Ryerson University   | Chemistry and Biology                            | Ontario                          | CANADA                | 03/26/2013  | 1                 | 60 000          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Application of HPLC to glycosyltransferase research  |                     |
| Walker, Jacob          | Trent University   | Environmental and Life Sciences Graduate Program | Ontario                          | CANADA                | 03/19/2013  | 3                 | 30 000          | Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel              | Singing Ground Survey Timing and Detectability of American Woodcocks in Ontario                                    |                     |
| Waller, Jeffrey        | Mount Allison University                                       | Chemistry & Biochemistry                         | New Brunswick/ Nouveau-Brunswick | CANADA                | 03/26/2013  | 1                 | 43 109          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | A fast protein liquid chromatography (FPLC) system for purification and characterization of DMSP metabolic enzymes |                     |
| Wan, Wankei            | The University of Western Ontario                              | Chemical and Biochemical Engineering             | Ontario                          | CANADA                | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Antimicrobial polymer coating  |                     |
| Wang, Wilson Quansheng | Lakehead University  | Mechanical Engineering                           | Ontario                          | CANADA                | 03/19/2013  | 3                 | 116 000         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Online condition monitoring of turbine pump stations   |                     |
| Ware, Antony           | University of Calgary  | Mathematics and Statistics                       | Alberta                          | CANADA                | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Analysis tools for automated trading algorithms  |                     |
| Wasilewski, Zbigniew   | University of Waterloo   | Electrical & Computer Engineering                | Ontario                          | CANADA                | 03/26/2013  | 1                 | 150 000         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | High resolution X-ray Diffractometer for MBE-grown novel quantum device research                                   |                     |
| Waslander, Steven      | University of Waterloo   | Mechanical Engineering and Mechatronics          | Ontario                          | CANADA                | 02/15/2013  | 4                 | 338 441         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Autonomous driving strategies for urban and highway environments   |                     |

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| Waters, Kristian  | McGill University              | Mining & Materials Engineering.            | Québec                                 | CANADA      | 03/19/2013  | 3                 | 112 912         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Modelling of particle flow behaviour in spirals  |                     |
| Weber, Lynn       | University of Saskatchewan     | Veterinary Biomedical Sciences             | Saskatchewan                           | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Tools to increase risk assessment accuracy of lead and mercury in contaminated soils   |                     |
| Wei, John         | University of Toronto          | Physics (St. George Campus)                | Ontario                                | CANADA      | 03/26/2013  | 1                 | 28 826          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Repair of Helium-3 Refrigerator for Cryomagnetic Nanoprobe Experiments   |                     |
| Welch, Gregory    | Dalhousie University           | Chemistry                                  | Nova Scotia/ Nouvelle-Écosse           | CANADA      | 03/26/2013  | 1                 | 149 583         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Inert atmosphere thin-film deposition systems for the fabrication of organic films and devices via solution and thermal evaporation techniques |                     |
| Weselake, Randall | University of Alberta          | Agricultural, Food and Nutritional Science | Alberta                                | CANADA      | 02/15/2013  | 2                 | 285 900         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Evolving canola oil synthesis  |                     |
| Wheater, Howard   | University of Saskatchewan     | School of Environment and Sustainability   | Saskatchewan                           | CANADA      | 02/15/2013  | 6                 | 5000 000        | Climate Change and Atmospheric Research/ Recherche sur les changements climatique & l'atmosphère     | Changing cold regions network (CCRN)   |                     |
| White, Mary Anne  | Dalhousie University           | Chemistry                                  | Nova Scotia/ Nouvelle-Écosse           | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Materials-Based pH Change Detection  |                     |
| Whitehead, Lorne  | University of British Columbia | Physics and Astronomy                      | British Columbia/ Colombie-Britannique | CANADA      | 01/18/2013  | 1                 | 125 000         | Idea to Innovation/ De l'idée à l'innovation   | Greenhouse canopy providing thermal & illumination self-sufficiency in cold, sunny climates  |                     |
| Wicks, Ryan       | 2G Robotics Inc.               | Head Office                                |  | CANADA      | 03/20/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)             | Range enhancement of 2G robotics underwater laser scanners through sensor data fusion and signal processing                                    |                     |
| Wild, Peter       | University of Victoria         | Mechanical Engineering                     | British Columbia/ Colombie-Britannique | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Measurement of transient pressure pulses in molten lead using in-fibre Bragg gratings  |                     |

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| Wilkinson, Kevin        | Université de Montréal         | Chimie                                   | Québec                                    | CANADA      | 03/26/2013  | 1                 | 150 000         | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Hyperspectral imaging using a dark field microscope to determine nanoparticle distributions in cells, soils, biosolids and biosensors                               |                     |
| Williams-Jones, Anthony | McGill University              | Earth and Planetary Sciences             | Québec                                    | CANADA      | 01/18/2013  | 4                 | 351 990         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | The genesis of REE mineralization in the Mistastin batholith and its satellites, Quebec-Labrador  |                     |
| Wilson, Joanna          | McMaster University            | Biology                                  | Ontario                                   | CANADA      | 03/19/2013  | 5                 | 1039 759        | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Effects of thermal, chemical, and radiological emissions on Whitefish   |                     |
| Winmill, Allison        | Lakehead University            | Natural Resources Management, Faculty of | Ontario                                   | CANADA      | 03/19/2013  | 3                 | 30 000          | Industrial Postgraduate Scholarships/ Bourses d'études supérieures en milieu industriel              | Enhancing public access to municipal databases for improved collaboration on best practices for urban forest management   |                     |
| Winters, Boyer          | University of Guelph           | Psychology                               | Ontario                                   | CANADA      | 03/26/2013  | 1                 | 34 503          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Integrated touchscreen system for behavioural testing in mice   |                     |
| Wolf, Michael           | University of British Columbia | Chemistry                                | British Columbia/<br>Colombie-Britannique | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | New materials for oxygen sensing strips   |                     |
| Wong, Charles           | University of Winnipeg         | Chemistry                                | Manitoba                                  | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Reducing rural wastewater effluent contaminants and toxicity, and improving water quality using new subsurface treatment technology                                 |                     |
| Wood, Christopher       | McMaster University            | Biology                                  | Ontario                                   | CANADA      | 03/26/2013  | 1                 | 38 179          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | Fish Shuttlebox System for Behavioural Studies  |                     |
| Woodside, Michael       | University of Alberta          | Physics                                  | Alberta                                   | CANADA      | 03/26/2013  | 1                 | 30 392          | Research Tools and Instruments - Category 1/<br>Outils et instruments de recherche - catégorie 1     | High-bandwidth laser tweezers detection system for directly observing the transition paths taken by single proteins and nucleic acids during structural transitions |                     |

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| Wootton, Brent     | Sir Sandford Fleming College of Applied Arts and Technology | Environmental and Natural Resource Sciences             | Ontario         | CANADA      | 03/19/2013  | 3                 | 602 610         | College - University Idea to Innovation Grants/ Subventions De l'idée à innovation pour les universités et les collèges | Optimization of Water Treatment Technologies for the Greenhouse Industry                                 |                     |
| Wootton, Brent     | Sir Sandford Fleming College of Applied Arts and Technology | Environmental and Natural Resource Sciences             | Ontario         | CANADA      | 02/15/2013  | 1                 | 25 000          |   | Water Innovation in Action   |                     |
| Wright, Patricia   | University of Guelph  | Integrative Biology                                     | Ontario         | CANADA      | 03/26/2013  | 1                 | 81 292          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                           | □<br>Respirometry and environmental control in micro aquatic systems                                     |                     |
| Wu, Jianping       | University of Alberta                                       | Agricultural, Food and Nutritional Science              | Alberta         | CANADA      | 03/19/2013  | 3                 | 175 520         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative                    | Antioxidants in laying hen eggs  |                     |
| Wu, Xiao Yu        | University of Toronto                                       | Pharmacy, Leslie Dan Faculty of                         | Ontario         | CANADA      | 03/26/2013  | 1                 | 89 919          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                           | Instrument for characterization of polymers and nanoparticles  |                     |
| Xu, Wilsun         | University of Alberta                                       | Electrical and Computer Engineering                     | Alberta         | CANADA      | 03/19/2013  | 5                 | 1157 305        | Industrial Research Chairs/ Professeurs-chercheurs industriels  | NSERC / iCORE / Alberta Power Companies Industrial Research Chair in Power Quality                       |                     |
| Yada, Rickey       | University of Guelph  | Food Science  | Ontario         | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Improving canning properties of potatoes   |                     |
| Yadav, Rajeev      | Genia Photonics Inc.  | Head Office   | Québec          | CANADA      | 03/19/2013  | 3                 | 60 000          | Industrial R&D Fellowships (IRDF)/ Bourses postdoctorales de R et D industrielle (BPRDI)                                | Development of a multimodal imaging and diagnostic system based on a synchronized laser system           |                     |
| Yandt, Mark David  | University of Ottawa/ Université d'Ottawa                   | Electrical Engineering and Computer Science , School of | Ontario         | CANADA      | 01/17/2013  | 3                 | 105 000         | Alexander Graham Bell Canada Graduate Scholarship D/ Bourse d'études supérieures du Canada Alexander-Graham-Bell D      | Increasing the Performance of High Efficiency Concentrating Photovoltaic Systems                         |                     |
| Yang, Qiaoqin      | University of Saskatchewan                                  | Mechanical Engineering                                  | Saskatchewan    | CANADA      | 03/26/2013  | 1                 | 150 000         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                           | Multi-Magnetron Sputter Deposition System for the Synthesis of Nanocomposite Thin Films/Surface Coatings |                     |
| Yarusevych, Serhiy | University of Waterloo                                      | Mechanical Engineering and Mechatronics                 | Ontario         | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Flow induced vibrations of flexible fragments lodged in tube bundles                                     |                     |

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| Yavuz, Mustafa  | University of Waterloo             | Mechanical Engineering and Mechatronics     | Ontario                                     | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Study of Extraordinary Optical Transmission through Tapered Nano-hole Array in Metallic Film                                     |                     |
| Ye, Qiang       | University of Prince Edward Island | Computer Science and Information Technology | Prince Edward Island/ Île-du-Prince-Édouard | CANADA      | 02/15/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Vehicle Condition Information Capture System   |                     |
| Yeow, Tze-wei   | University of Waterloo             | Systems Design Engineering                  | Ontario                                     | CANADA      | 03/26/2013  | 1                 | 149 400         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Nano Carbon Materials Fabrication Facility   |                     |
| Yestrau, Melisa | University of Victoria             | Engineering, Faculty of                     | British Columbia/ Colombie-Britannique      | CANADA      | 02/14/2013  | 3                 | 69 900          | PromoScience   | Science Venture Expansion Program  |                     |
| Young, Edgar    | Simon Fraser University            | Molecular Biology and Biochemistry          | British Columbia/ Colombie-Britannique      | CANADA      | 03/26/2013  | 1                 | 119 245         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Calorimeter for measuring energetics of ligand-binding by titration  |                     |
| Young, James    | University of Manitoba             | Computer Science                            | Manitoba                                    | CANADA      | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Evaluating player empathy and narratives with new-media interactive characters   |                     |
| Young, Steven   | University of Waterloo             | Environment and Business, Centre for        | Ontario                                     | CANADA      | 03/19/2013  | 3                 | 61 531          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Cascaded use and sustainable management of lithium-ion batteries in mobility and stationary power                                |                     |
| Yu, Aiping      | University of Waterloo             | Chemical Engineering                        | Ontario                                     | CANADA      | 03/26/2013  | 1                 | 54 585          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | HIGH TEMPERATURE SUPERCAPACITOR TEST STATION   |                     |
| Yu, Jie         | McMaster University                | Chemical Engineering                        | Ontario                                     | CANADA      | 02/15/2013  | 3                 | 107 139         | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Performance monitoring and root-cause diagnosis of industrial model predictive control systems for sustainable energy production |                     |
| Yu, Jie         | McMaster University                | Chemical Engineering                        | Ontario                                     | CANADA      | 03/19/2013  | 3                 | 89 257          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Mixture model based batch process monitoring and fault diagnosis for sustainable manufacturing                                   |                     |
| Yudin, Andrei   | University of Toronto              | Chemistry (St. George Campus)               | Ontario                                     | CANADA      | 03/26/2013  | 1                 | 129 457         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | A GC-MS Instrument for Davenport Organic Chemistry Groups  |                     |
| Yue, Stephen    | McGill University                  | Mining & Materials Engineering.             | Québec                                      | CANADA      | 03/26/2013  | 1                 | 148 905         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | Hardware and software upgrades of pulsed electron beam physical vapor deposition system  |                     |

**Subventions et bourses du CRSNG**  
**Du 01/01/2013 au 03/31/2013.**

| <b>Nom</b>      | <b>Établissement</b>                     | <b>Département</b>                               | <b>Province</b>                  | <b>Pays</b>               | <b>Date</b> | <b>Versements</b> | <b>\$ Total</b> | <b>Programme</b>  | <b>Titre</b>  | <b>Commentaires</b> |
|-----------------|--|--|----------------------------------|---------------------------|-------------|-------------------|-----------------|---|---|---------------------|
| Zahavich, Alex  | Southern Alberta Institute of Technology | Applied Research and Innovation Services         | Alberta                          | CANADA                    | 03/19/2013  | 1                 | 250 000         | College - University Idea to Innovation Grants/ Subventions De l'idée à innovation pour les universités et les collèges | Instrumented training skate commercialization, production planning, product testing and quality control   |                     |
| Zamble, Deborah | University of Toronto                    | Chemistry (St. George Campus)                    | Ontario                          | CANADA                    | 03/26/2013  | 1                 | 28 633          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                           | Real-Time PCR to Study Metal-Regulated Gene Expression  |                     |
| Zemp, Roger     | University of Alberta                    | Engineering, Faculty of                          | Alberta                          | CANADA                    | 03/26/2013  | 1                 | 150 000         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                           | Pump-Probe Photoacoustic Microscopy with Lock-In Detection  |                     |
| Zeng, Hongbo    | University of Alberta                    | Chemical and Materials Engineering               | Alberta                          | CANADA                    | 03/26/2013  | 1                 | 78 000          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                           | Zetasizer Nano ZSP with Microrheology for Studying Molecular, Colloidal and Interfacial Interactions in Complex Fluids  |                     |
| Zeng, Lily      | Yale University                          | Forestry and Environmental Studies               |                                  | UNITED STATES/ ÉTATS-UNIS | 01/03/2013  | 4                 | 63 000          | Postgraduate Scholarships D/ Bourses d'études supérieures D   | The conservation value of tropical forest fragments in Xishuangbanna, SW China  |                     |
| Zhang, Ming     | University of Alberta                    | Speech Pathology and Audiology                   | Alberta                          | CANADA                    | 01/18/2013  | 1                 | 91 565          | Idea to Innovation/ De l'idée à l'innovation  | The development of a concha electrode for electrocochleography (ECochG) (I)   |                     |
| Zhang, Youmin   | Concordia University                     | Mechanical and Industrial Engineering            | Québec                           | CANADA                    | 03/26/2013  | 1                 | 148 528         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                           | Unmanned Systems Testbed Development for Cooperative and Fault-tolerant Guidance, Navigation and Control Research and Applications to Forest Fire and Pipeline Surveillance |                     |
| Zheng, Ming     | University of Windsor                    | Mechanical, Automotive and Materials Engineering | Ontario                          | CANADA                    | 03/26/2013  | 1                 | 150 000         | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1                           | High Pressure Optical Chamber for Fuel Injection and Spray Study  |                     |
| Zheng, Ying     | University of New Brunswick              | Chemical Engineering                             | New Brunswick/ Nouveau-Brunswick | CANADA                    | 01/18/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat  | Low pressure Fischer-Tropsch synthesis for the production of synthetic hydrocarbon fuels  |                     |



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|---------------------|----------------------|---|------------------------------|-------------|-------------|-------------------|-----------------|--|---|---------------------|
| Zhu, Shiping        | McMaster University  | Chemical Engineering                    | Ontario                      | CANADA      | 03/19/2013  | 3                 | 96 000          | Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative | Structural analysis of organic semiconductor composites               |                     |
| Zhu, Zheng Hong     | York University      | Earth and Space Science and Engineering | Ontario                      | CANADA      | 03/26/2013  | 1                 | 61 000          | Research Tools and Instruments - Category 1/ Outils et instruments de recherche - catégorie 1        | A Turning Air Bearing Table for Testing Electrodynamic Tether Systems |                     |
| Zincir-Heywood, Nur | Dalhousie University | Computer Science, Faculty of            | Nova Scotia/ Nouvelle-Écosse | CANADA      | 03/19/2013  | 1                 | 25 000          | Engage Grants Program/ Programme de subventions d'engagement partenariat                             | Investigating Botnet Behaviour Analysis                               |                     |