

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Abatzoglou, Nicolas	Université de Sherbrooke	Génie chimique et génie biotechnologique	Québec	CANADA	10/18/2013	5	703 056	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Les technologies d'analyse de procédés (PAT) en génie pharmaceutique	
Abdelrahman, Ahmed Shaker	Ryerson University	Civil Engineering	Ontario	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Radiometric correction of multispectral Lidar data	
Abdi, Samar	Concordia University	Electrical and Computer Engineering	Québec	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	System-level modeling of network processors for software defined networking	
Abedi, Jalal	University of Calgary	Chemical and Petroleum Engineering	Alberta	CANADA	10/18/2013	5	1399 534	Industrial Research Chairs/ Professeurs-chercheurs industriels	NSERC Industrial Research Chair in solvent enhanced recovery processes	
Adam, François	Cégep de Saint-Jérôme	Siège social	Québec	CANADA	10/18/2013	1	47 350	Applied Research and Development Grants - Level 2/ Subventions de recherche et développement appliquée - niveau 2	Optimisation de l'efficacité d'un moteur électrique à aimant permanent pour transport lourd urbain	
Adam, François	Cégep de Saint-Jérôme	Siège social	Québec	CANADA	12/13/2013	1	69 524	Applied Research and Development Grants - Level 2/ Subventions de recherche et développement appliquée - niveau 2	Conception de nouveaux algorithmes de contrôle de systèmes à moteurs thermiques.	
Adronov, Alex	McMaster University	Chemistry & Chemical Biology	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Carbon nanotube dispersion in Setathane 1150	
Afzal, Muhammad Tabassum	University of New Brunswick	Mechanical Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Modeling ideal settling schedule for homogenizing moisture content of comminuted biomass	
Agarwal, Anjali	Concordia University	Electrical and Computer Engineering	Québec	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Implementing a virtual computing laboratory as a local private cloud	
Agrawal, Aneil	University of Toronto	Ecology and Evolutionary Biology (St. George Campus)	Ontario	CANADA	10/18/2013	2	250 000	EWR Steacie Fellowships/ EWR Steacie	Nomination for NSERC Steacie Memorial Fellowship/Mise en candidature d'une Bourse commémorative E.W.R. Steacie du CRSNG	
Aimez, Vincent	Université de Sherbrooke	Génie électrique et génie informatique	Québec	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Démonstration du rôle critique de l'angle d'acceptance sur la performance des systèmes HCPV	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Aimez, Vincent	Université de Sherbrooke	Génie électrique et génie informatique	Québec	CANADA	10/18/2013	1	125 000	Idea to Innovation/ De l'idée à l'innovation	A cost-effective process for low-loss light coupling between optical fibres and integrated photonic circuits with high refractive	
Aimez, Vincent	Université de Sherbrooke	Génie électrique et génie informatique	Québec	CANADA	12/13/2013	2	200 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Cellules solaires dédiées aux systèmes de production d'énergie hybride thermique photovoltaïque	
Alam, Shahria	The University of British Columbia	Okanagan - Engineering, School of	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Seismic retrofitting of deficient bridge piers using sprayed fiber reinforced polymer (FRP) composites	
Algar, Russ	The University of British Columbia	Chemistry	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Evaluation of recycled polyols as media for the synthesis of quantum dot nanoparticles	
Al-Haddad, Kamal	École de technologie supérieure	Génie électrique	Québec	CANADA	10/18/2013	4	347 840	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Développement avancé de modélisation et de simulation des alternateurs hydroélectriques incluant le circuit d'excitation électronique de puissance	
Andrews, Mark	McGill University	Chemistry	Québec	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Biomedical applications of cold plasma generated reactive oxygen species	
Annan, Charles-Darwin	Université Laval	Génie civil et génie des eaux	Québec	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Towards an improved design procedure for incorporating soil-foundation-structure interaction in seismic performance evaluation	
Antunes, Pedro	Algoma University	Biology and Chemistry	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Does TreeAzin® Systemic Insecticide have fungicidal properties?	
Arain, Muhammad Altaf	McMaster University	Geography and Earth Sciences, School of	Ontario	CANADA	10/18/2013	3	535 457	Strategic Projects/ Projets stratégiques	Quantifying the response of Canadian forests to climate change, extreme weather events and management activities	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Aravind, Alex Alagarsamy	University of Northern British Columbia	Computer Science	British Columbia/ Colombie-Britannique	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of a data management and augmented reality mobile tool for teaching First Nation's language and culture	
Arnold, Dirk	Dalhousie University	Computer Science, Faculty of	Nova Scotia/ Nouvelle-Écosse	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Computer segmentation and classification of blood cells imaged using lensless microscopy	
Arzanpour, Siamak	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Improving the efficacy of pressurized metered dose inhaler by a vibration activated spacer	
Ashgriz, Nasser	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	10/18/2013	4	172 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Motion of the charged droplets and ions in mass spectrometers	
Azana, Jose	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunication - Montréal	Québec	CANADA	10/18/2013	3	537 000	Strategic Projects/ Projets stratégiques	A New Paradigm for Broadband Radio-Frequency Signal Processing	
Aziz, Hany	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	11/15/2013	1	35 763	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Exciton-induced Degradation of Interfaces in Organic Optoelectronic Devices	
Bagheri, Ebrahim	Ryerson University	Electrical and Computer Engineering	Ontario	CANADA	11/15/2013	2	298 600	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Semantics-Driven Learning Adaptation Framework	
Bagheri, Ebrahim	Ryerson University	Electrical and Computer Engineering	Ontario	CANADA	11/15/2013	3	440 300	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Intelligent infrastructure for large-scale product knowledge management	
Bahrami, Majid	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Improved insulation sandwich panel systems	
Bahrami, Majid	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Assessment of energy storage systems for Run-of-River hydropower systems	
Bahreyni, Behraad	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	12/13/2013	3	423 500	Department of National Defence / NSERC Research Partnership/ Partenariat de recherche du ministère de la Défense nationale et du CRSNG	Micromachined Acoustic Particle Acceleration Sensors	
Baker, Tom	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Catalyzed reductive coupling of CF3CCl3	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Baldwin, Susan	The University of British Columbia	Chemical and Biological Engineering	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	3	151 500	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Improvement of passive biochemical reactors for selenium and sulphate removal at mines sites	
Ban, Dayan	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Novel middle infrared quantum cascade laser for an in-vehicle alcohol interlock system	
Barati, Mansoor	University of Toronto	Materials Science and Engineering	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Characterization of calcium aluminate flux containing MgO for steel refining	
Barralet, Jake	McGill University	Dentistry, Faculty of	Québec	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Electrochemical exfoliation of modified graphene as Pt support for PEMFCs	
Barrett, Rowan	McGill University	Redpath Museum	Québec	CANADA	11/15/2013	5	190 000	Discovery Grants Program - Individual/ Programme de subventions à la découverte - individuelles	Experimental genomics of adaptation to changing environments	
Basu, Anup	University of Alberta	Computing Science	Alberta	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Human modeling and animation for efficient crowd compression	
Baulch, Helen	University of Saskatchewan	School of Environment and Sustainability	Saskatchewan	CANADA	10/18/2013	3	618 614	Strategic Projects/ Projets stratégiques	Understanding lake metabolism and algal blooms: New tools for the management of potable water sources	
Bayat, Alireza	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	11/15/2013	5	624 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Investigation of pilot tube micro-tunneling (PTMT) and pipe bursting construction risks	
Bélanger, Richard	Université Laval	Phytologie	Québec	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Screening of soybean lines for Phytophthora sojae resistance through zoospore inoculation in a hydroponic system	
Bell, John	Ottawa Hospital Research Institute/ Institut de recherche de l'hôpital d'Ottawa	Head Office	Ontario	CANADA	12/13/2013	1	25 000	Networks of Centres of Excellence - Letters of intent/ Réseaux de centres d'excellence - lettres d'intention	BioCanRx - Biotherapeutics for Cancer Treatment / Biotherapies pour le Traitement du Cancer	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Belleau, Jacques	Cégep de Lévis-Lauzon	Siège social	Québec	CANADA	12/13/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Système optronique pour l'analyse en temps réel du comportement de l'oscillation à haute fréquence d'une masse à l'état liquide en lévitation magnétique	
Belzile, François	Université Laval	Phytologie	Québec	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Caractérisation génétique détaillée des lignées de blé et d'orge au sein du programme d'amélioration génétique de Céréla Inc.	
Belzile, François	Université Laval	Phytologie	Québec	CANADA	11/15/2013	4	135 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	La culture de microspores isolées chez l'avoine : un défi à relever	
Bengio, Yoshua	Université de Montréal	Informatique et recherche opérationnelle	Québec	CANADA	10/18/2013	3	575 739	Strategic Projects/ Projets stratégiques	Large-Scale Deep Learning for Content-Based Recommendation Systems	
Bengio, Yoshua	Université de Montréal	Informatique et recherche opérationnelle	Québec	CANADA	10/18/2013	3	583 566	Strategic Projects/ Projets stratégiques	Adiabatic quantum computing for deep learning with boltzmann machines	
Bentzen, Paul	Dalhousie University	Biology	Nova Scotia/ Nouvelle-Écosse	CANADA	10/18/2013	3	593 809	Strategic Projects/ Projets stratégiques	Genomics approaches to the management of mixed stock fisheries in Canada: developing tools for promoting fishery stability and the protection of biodiversity	
Berezovski, Maxim	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	10/18/2013	1	122 000	Idea to Innovation/ De l'idée à l'innovation	Aptamer-mediated purification for viruses	
Bernatchez, Louis	Université Laval	Biologie	Québec	CANADA	10/18/2013	3	518 656	Strategic Projects/ Projets stratégiques	Enjeux biologiques et socio-économiques des ensemencements pour supporter la pêche de l'omble de fontaine; vers une exploitation durable.	
Bertolo, Robert	Memorial University of Newfoundland	Biochemistry	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	10/18/2013	1	40 150	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Sources of creatine and amino acid sparing in piglets	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Bibeau, Eric	University of Manitoba	Mechanical and Manufacturing Engineering	Manitoba	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Acoustic algorithm to determine the location of individual beluga whales in support of marine renewable energy in arctic communities	
Bichler, Lukas	The University of British Columbia	Okanagan - Engineering, School of	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Characterization of intumescent fire-resistant coatings for structural applications.	
Bishop, Donald	Dalhousie University	Process Engineering and Applied Science	Nova Scotia/ Nouvelle-Écosse	CANADA	12/13/2013	3	530 302	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Development of Aerospace Quality Aluminum Alloys Utilizing Advanced Powder Metallurgy Technologies	
Blanchet, Catherine	Cégep de Thetford	Siège social	Québec	CANADA	10/18/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Développement de marqueurs pour cartouches d'exercices	
Bouchard, Bruno	Université du Québec à Chicoutimi	Informatique-mathématique	Québec	CANADA	12/13/2013	3	120 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Étude sur le potentiel d'application des modèles d'intelligence artificielle dans le domaine industriel pour la réduction des coûts par l'amélioration du processus de maintenance	
Bouferguene, Ahmed	University of Alberta	Campus Saint-Jean	Alberta	CANADA	12/13/2013	1	39 520	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Automated heavy lift planning and animation system	
Boukerche, Azzedine	University of Ottawa/ Université d'Ottawa	Electrical Engineering and Computer Science , School of	Ontario	CANADA	10/18/2013	3	463 000	Strategic Projects/ Projets stratégiques	DISTRACT: cooperative distributed target in multi-tier heterogeneous wireless sensor networks (WSN)	
Brar, Satinder Kaur	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Novel green process for extraction of chitin from crustacean wastes using marine water	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Brar, Satinder Kaur	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	10/18/2013	3	512 750	Strategic Projects/ Projets stratégiques	New Biochar-enzyme impregnated micro and nano systems (BEMS/BENS) for efficient degradation of pharmaceutically active compounds (PhACs) in wastewater and drinking water	
Brinkman, Fiona	Simon Fraser University	Molecular Biology and Biochemistry	British Columbia/ Colombie-Britannique	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	A novel approach to treating salmonella infection in poultry	
Bueckert, Rosalind	University of Saskatchewan	Plant Sciences	Saskatchewan	CANADA	10/18/2013	3	184 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Improvement of pea yield in heat by phenology and physiology	
Cabana, Hubert	Université de Sherbrooke	Génie civil	Québec	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Élimination du trichloroéthylène par un procédé Bio-Fenton	
Castillo Guerra, Eduardo	University of New Brunswick	Electrical and Computer Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Optimization of an Optical Displacement System based on Interferometry	
Chaker, Mohamed	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunication - Montréal	Québec	CANADA	11/15/2013	2	120 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Capteurs inertiels monolithiques à base de matériaux piézoélectriques	
Champagne, Pascale	Queen's University	Civil Engineering	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Microalgal wastewater treatment process - Enhancing productivity by seeding naturally-occurring microbiota with microalgae	
Champagne, Pascale	Queen's University	Civil Engineering	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Evaluation of passive treatment technologies for septic lagoon capacity expansion	
Champagne, Pascale	Queen's University	Civil Engineering	Ontario	CANADA	10/18/2013	3	592 170	Strategic Projects/ Projets stratégiques	Bio-oil Recovery & CO2 Recycling by Waste Stream Enhanced Microalgal Growth & Low Energy CO2-Related Extraction	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Chatzis, Ioannis	University of Waterloo	Chemical Engineering	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of microchannels and thermoelectrics for cooling in electronics	
Chen, Chih-Hung	McMaster University	Electrical and Computer Engineering	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Meticulous high-frequency noise measurements	
Chen, Tongwen	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	10/18/2013	3	448 400	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Abnormal situation monitoring and management of complex industrial facilities	
Cheng, Li Zhen	Université du Québec en Abitibi-Témiscamingue	Sciences appliquées	Québec	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Évaluation du comportement géotechnique lors de phase de restauration du Parc à résidus miniers Doyon	
Chiao, Mu	The University of British Columbia	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	A new low-cost imaging device for skin cancer screening	
Chica, Roberto Antonio	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Improving the binding specificity and affinity of carbohydrate binding modules using computational protein design.	
Chromik, Richard	McGill University	Mining & Materials Engineering.	Québec	CANADA	10/18/2013	3	460 717	Strategic Projects/ Projets stratégiques	Composite coatings manufactured by cold spray	
Comeau, Yves	École Polytechnique de Montréal	Génies Civil, géologique et des mines	Québec	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Acidogénèse des huiles et graisses d'effluents de fromagerie	
Consens, Mariano	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	An initial evaluation of data management approaches to support the Parametric Human Project	
Constantin, Nicolas	École de technologie supérieure	Génie électrique	Québec	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Experimental characterization and development of a behavioral model for radio-communication in an underground mining environment	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Côté, Bernard	Collège d'Alma	Siège social	Québec	CANADA	12/13/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Moutures ciblées du grain en fonction des caractéristiques physiques des fourrages qui prédominent dans la ration des vaches laitières	
Côté, Bernard	Collège d'Alma	Siège social	Québec	CANADA	12/13/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Valorisation de Vicia Faba L. dans l'alimentation des bovins laitiers et évaluation de ses effets sur la production laitière et les composantes du lait.	
Côté, Bernard	Collège d'Alma	Siège social	Québec	CANADA	12/13/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Expérimentation d'un additif alimentaire dans la ration lactée des veaux de lait	
Cragg, Wesley	York University	Schulich School of Business	Ontario	CANADA	12/13/2013	1	25 000	Networks of Centres of Excellence - Letters of intent/ Réseaux de centres d'excellence - lettres d'intention	CBERN - Canadian Business Ethics Research Network / Réseau Canadien de Recherche en Ethique Commerciale	
Craig, Wendy	Queen's University	Psychology	Ontario	CANADA	12/13/2013	1	25 000	Networks of Centres of Excellence - Letters of intent/ Réseaux de centres d'excellence - lettres d'intention	PREVNet - Promoting Relationships and Eliminating Violence	
Crandles, David	Brock University	Physics	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Adhesion of thermosetting powder coatings to sheet aluminum.	
Cui, Bo	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	10/18/2013	1	125 000	Idea to Innovation/ De l'idée à l'innovation	Low-cost batch fabrication method of high aspect ratio AFM tips	
Cumming, Brian	Queen's University	Biology	Ontario	CANADA	11/15/2013	3	271 062	Strategic Projects/ Projets stratégiques	Assessment of the importance of nitrogen deposition and climate on aquatic production in Boreal lakes downwind of the Athabasca oil sands region	
Cunningham, Michael	Queen's University	Chemical Engineering	Ontario	CANADA	10/18/2013	3	353 160	Strategic Projects/ Projets stratégiques	Stimuli Responsive Crystalline Nanocellulose (CNC) and Microcrystalline Cellulose (MCC)	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
da Silva, Ana Maria	Queen's University	Civil Engineering	Ontario	CANADA	10/18/2013	3	469 046	Strategic Projects/ Projets stratégiques	Contamination of river beds by oil spills and impact on fish habitat	
Damascelli, Andrea	The University of British Columbia	Physics and Astronomy	British Columbia/ Colombie-Britannique	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	XUV lithography for high-throughput fabrication of nanostructures	
Damen, Mohamed Oussama	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Practical network codes for distributed storage	
Daun, Kyle	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	11/15/2013	3	99 550	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Infrared absorption chemical species tomography for monitoring fugitive emissions	
Daun, Kyle	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	11/15/2013	4	211 585	Automotive Partnership Canada Project/ Partenariat automobile du Canada	Reheating Furnace Analysis and Optimization for Hot Stamping Automotive Parts	
Davidson, William	Simon Fraser University	Molecular Biology and Biochemistry	British Columbia/ Colombie-Britannique	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	A low-density SNP array for Atlantic salmon aquaculture	
Dean, Charmaine	The University of Western Ontario	Science, Faculty of	Ontario	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Random Forests: Validation of an unsupervised machine learning algorithm, with application to genomic signatures	
Dechev, Nikolai	University of Victoria	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	1	113 500	Idea to Innovation/ De l'idée à l'innovation	Development of a tool ultrasound-based tendon injury diagnosis and rehabilitation assessment	
Denidni, Ahmed Tayeb	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunication - Montréal	Québec	CANADA	10/18/2013	3	403 500	Strategic Projects/ Projets stratégiques	Millimeter-wave reconfigurable antennas based on active frequency selective surface structures for wireless communication systems	
Diamond, Sara	Ontario College of Art & Design University/ Université de l'École d'art et de design de l'Ontario	Head Office	Ontario	CANADA	10/18/2013	2	150 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Multi-platform Game Distribution System for Popular and Experimental Technologies (MGDS-PET)	
Dipple, Gregory	The University of British Columbia	Earth and Ocean Sciences	British Columbia/ Colombie-Britannique	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Mechanisms of carbon utilization in green construction materials	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Dixon, Ian	University of Manitoba	Physiology	Manitoba	CANADA	12/13/2013	1	25 000	Networks of Centres of Excellence - Letters of intent/ Réseaux de centres d'excellence - lettres d'intention	MatriNET - Matrix and Tissue Remodeling Network	
Dodge, J. Steven	Simon Fraser University	Physics	British Columbia/ Colombie-Britannique	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of a photovoltaic testing system suitcase	
Donaldson, Adam	Dalhousie University	Process Engineering and Applied Science	Nova Scotia/ Nouvelle-Écosse	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Fundamental analysis of scaling strategies for fuel leak prevention technology	
Doucet, Nicolas	Institut national de la recherche scientifique	INRS-Institut Armand-Frappier	Québec	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Traitement enzymatique des acides gras libres présents dans la biomasse employée pour la synthèse de biolubrifiants	
Douplik, Alexandre	Ryerson University	Physics	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Experimental evaluation of biotissue ablation performance for the novel tunable MOPA laser system towards development of a novel "smart" laser scalpel	
Driver, Robert	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	12/13/2013	3	47 500	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Development of generalised design procedures for steel extended shear tab connections	
Drogui, Allali Patrick	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Traitement avancé de dépollution électrolytique des eaux résiduaires issues de centres de transfert et de décharge de déchets dangereux.	
Du, Weichang	University of New Brunswick	Computer Science, Faculty of	New Brunswick/ Nouveau-Brunswick	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	B2B Services Integration and Semantic Enhancement	
Durall, Daniel	The University of British Columbia	Okanagan - Biology	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Yeast dynamics of Pinot Noir and Chardonnay fermentations at Tantalus Vineyards	
Dworkin, Seth	Ryerson University	Mechanical and Industrial Engineering	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	A smart manifold for ground source heat pump applications	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Eic, Mladen	University of New Brunswick	Chemical Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	10/18/2013	2	50 632	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Development of new adsorbent for selective removal of halogenated anesthetics	
Ekmekci, Alis	University of Toronto	Aerospace Studies, Institute for	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Flow in the inter-wheel region of landing gear systems	
Ekmekci, Alis	University of Toronto	Aerospace Studies, Institute for	Ontario	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Experimental investigation of automobile flow fields for CFD validation purposes	
El Damatty, Ashraf	The University of Western Ontario	Civil and Environmental Engineering	Ontario	CANADA	10/18/2013	3	340 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Structural analysis software for high intensity wind effects on transmission line structures	
Elder, James	York University	Psychology	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Attentive sensing for sports video applications	
Elias, Anastasia	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Active packaging for bread shelf-life extension	
ElMaraghy, Waguih	University of Windsor	Industrial and Manufacturing Systems Eng.	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Blower filter system design	
Emelko, Monica	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Assessing microbial risk during drinking water treatment: Linking pilot studies to plant performance	
Enright Jerger, Natalie	University of Toronto	Electrical & Computer Engineering	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Evaluation of direct interconnect architectures for datacenters	
Escobar-Anel, Marcos Lazaro	Ryerson University	Mathematics	Ontario	CANADA	12/13/2013	2	220 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Modeling a fund of hedgefunds by means of stochastic covariance processes	
Eskicioglu, Cigdem	The University of British Columbia	Okanagan - Engineering, School of	British Columbia/ Colombie-Britannique	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	The study of the effects of fulvic acid on the rate of microbial decomposition and gas production of sewage sludge	
Fedosejevs, Robert	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Laser induced breakdown spectroscopy identification of biosamples	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Feng, Xianshe	University of Waterloo	Chemical Engineering	Ontario	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Concentration of polyunsaturated fatty acids from omega-3 rich oils by Membrane Technology	
Fernandez, José Manuel	École Polytechnique de Montréal	Génie informatique et génie logiciel	Québec	CANADA	10/18/2013	1	124 500	Idea to Innovation/ De l'idée à l'innovation	User authentication technologies based on mobile platforms	
Ferworn, Alexander	Ryerson University	Computer Science	Ontario	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Multi-Orientation Mount for Micro-Unmanned Aerial Vehicles for Inspection of Urban Disaster Environments	
Fleck, Brian	University of Alberta	Mechanical Engineering	Alberta	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Study of solvent transport through compacted oilsands ore	
Flynn, Morris	University of Alberta	Mechanical Engineering	Alberta	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Oilsand lump digestion in non-aqueous extraction; the design of a large-scale testing facility	
Fontaine, Réjean	Université de Sherbrooke	Génie électrique et génie informatique	Québec	CANADA	11/15/2013	4	1390 697	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Conception d'un scanner de tomographie d'émission par positrons haute performance pour l'imagerie moléculaire préclinique	
Fortin Blanchette, Handy	École de technologie supérieure	Génie électrique	Québec	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Développement d'un modèle par éléments finis d'une machine synchrone à aimant permanent à force contre-électromotrice trapézoïdale	
Fortin, Clément	École Polytechnique de Montréal	Génie mécanique	Québec	CANADA	10/18/2013	1	25 000	Partnership Workshops Program/ Programme d'ateliers de partenariat	Ateliers de partenariat à l'Université Dalhousie les 2 et 4 octobre 2013	
Fotouhi, Reza	University of Saskatchewan	Mechanical Engineering	Saskatchewan	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Developing health training simulators	
Fravalo, Philippe	Université de Montréal	Médecine vétérinaire, faculté de	Québec	CANADA	12/13/2013	3	119 665	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Le procédé d'abattage découpe des porcs sélectionne listeria monocytogenes	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Fréchette, Luc	Université de Sherbrooke	Génie mécanique	Québec	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Feasibility study of integrating a two-phase cooling scheme for high brightness light-emitting diode (HB LED) lighting modules	
Frigon, Jean-François	École Polytechnique de Montréal	Génie électrique	Québec	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Latency and jitter characterization of wireless communication protocols on blade servers	
Friscic, Tomislav	McGill University	Chemistry	Québec	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development and understanding of new synthetic methods for the synthesis of iron-doped porous metal-organic frameworks as electrocatalyst precursors	
Fyles, Thomas	University of Victoria	Chemistry	British Columbia/ Colombie-Britannique	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Nanoparticles from high-S lipids	
Gagnon, Alexandre	Université du Québec à Montréal	Chimie	Québec	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Application of organobismuth chemistry in the design and development of drug libraries	
Garnier, Alain	Université Laval	Génie chimique	Québec	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Fractionnement et étude d'isolats de colostrum bovin pour l'identification de nouveaux principes actifs	
Gerber, Andrew	University of New Brunswick	Mechanical Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	High Reynolds Number Simulation of Corrugated Piping using New Parallel Computing Architectures	
Gerlich, Adrian	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	12/13/2013	5	599 740	Industrial Research Chairs/ Professeurs-chercheurs industriels	NSERC/TransCanada Industrial Research Chair in Welding for Energy Infrastructure	
Ghosh, Raja	McMaster University	Chemical Engineering	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Model-based development and scale-up of chromatographic separation processes	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Gingras, Murray	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	11/15/2013	3	109 940	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Sedimentological and ichnological analysis of the cretaceous Bluesky formation (Alberta) to better understand the depositional environment(s) and stratigraphy of the interval	
Girouard, Audrey	Carleton University	Information Technology, School of	Ontario	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Micro bend gestures on flexible mobile devices	
Gleeson, Sarah	University of Alberta	Earth and Atmospheric Sciences	Alberta	CANADA	11/15/2013	4	112 681	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Genesis of the Anarraaq deposit and lithochemical vectors towards ore, Red Dog, Alaska	
Gokaraju, Ramakrishna	University of Saskatchewan	Electrical & Computer Engineering	Saskatchewan	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Control schemes for nuclear generators	
Golnaraghi, Farid	Simon Fraser University	Mechatronic Systems Engineering	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Design of an electric vehicle	
Golnaraghi, Farid	Simon Fraser University	Mechatronic Systems Engineering	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	3	374 100	Strategic Projects/ Projets stratégiques	A New MEMS gyroscope design based on nonlinear coupling and internal resonance	
Gordon, Reuven	University of Victoria	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Optical trapping for analysis of proteins for drug discovery applications	
Gosselin, Frederick	École Polytechnique de Montréal	Génie mécanique	Québec	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Effect of curvature on local buckling of fuselage frames	
Goussard, Yves	École Polytechnique de Montréal	Génie électrique	Québec	CANADA	11/15/2013	3	190 466	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Fast entity desambiguation in large-scale databases	
Gracie, Robert	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	10/18/2013	3	568 932	Strategic Projects/ Projets stratégiques	Hydraulic fracturing: Geomechanics of naturally fractured shale and risk assessment	
Grant, Jon	Dalhousie University	Oceanography	Nova Scotia/ Nouvelle-Écosse	CANADA	12/13/2013	5	799 999	Industrial Research Chairs/ Professeurs-chercheurs industriels	NSERC-Cooke Industrial Research Chair in Sustainable Aquaculture	
Gravel, Stephen	Cambrian College of Applied Arts and Technology	Head Office	Ontario	CANADA	10/18/2013	1	30 825	Applied Research and Development Grants - Level 2/ Subventions de recherche et développement appliquée - niveau 2	Product Testing: Slaked Lime Agitation, Settling and Drying Processes	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Griesbauer, Hardy	College of New Caledonia	Head Office	British Columbia/ Colombie-Britannique	CANADA	12/13/2013	2	139 756	Applied Research and Development Grants - Level 2/ Subventions de recherche et développement appliquée - niveau 2	Prototype Development of a Novel LED Fixture for Horticulture Applications	
Gromala, Diane	Simon Fraser University	Interactive Arts and Technology, School of (SIAT)	British Columbia/ Colombie-Britannique	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Designing mobile tracking and virtual support environments for health applications	
Groulx, Dominic	Dalhousie University	Mechanical Engineering	Nova Scotia/ Nouvelle-Écosse	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Heat Generation and Thermal Response of Enclosed Batteries/Electronics in Autonomous Street Lighting Applications	
Guibault, François	École Polytechnique de Montréal	Génie informatique et génie logiciel	Québec	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Reconstruction 3D des structures anatomiques du tronc à partir d'images tomographiques	
Gupta, Rajender	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	11/15/2013	2	280 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Study of corrosion/erosion and fouling mechanisms in syngas cooler by syngas from asphaltene gasification	
Haas, Carl	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	11/15/2013	3	97 998	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Multi-objective planning models for cyclical refurbishment work	
Haas, Carl	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	10/18/2013	3	115 500	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Industry foundation process (IFP) development and application	
Habash, Marc	University of Guelph	Environmental Sciences, School of	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Enhancing nutraceutical formulations by examining the proteome response of probiotics to intestinal human pathogens	
Hale, Beverley	University of Guelph	Environmental Sciences, School of	Ontario	CANADA	10/18/2013	3	653 812	Strategic Projects/ Projets stratégiques	Metal mixtures - Is 'concentration addition' the correct model for terrestrial ecological risk assessment?	
Hamarneh, Ghassan	Simon Fraser University	Computing Science, School of	British Columbia/ Colombie-Britannique	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of advanced visualization techniques for veins in 2D/3D ultrasound images	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Hamel, Jean	Cégep Beauce-Appalaches	Siège social	Québec	CANADA	10/18/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Optimisation par simulation numérique de diffuseurs d'air à haute induction	
Hamel, Jean	Cégep Beauce-Appalaches	Siège social	Québec	CANADA	11/15/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Étude par simulation numérique CFD d'une caisse d'arrivée d'une machine à papier	
Hamilton, Howard	University of Regina	Computer Science	Saskatchewan	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Virtual soil and coal	
Hamouda, Walaa	Concordia University	Electrical and Computer Engineering	Québec	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Design and implementation for an on-chip digital spectrum monitor for HFC network	
Han, Jie	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	10/18/2013	3	300 000	Strategic Projects/ Projets stratégiques	Optimized design verification methodology of variation-tolerant Nanoscale systems	
Hatzikiriakos, Savvas G	The University of British Columbia	Chemical and Biological Engineering	British Columbia/ Colombie-Britannique	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Thermorheological and mechanical behavior of green polymers generated with recycled polyols	
Hayes, Robert	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	11/15/2013	4	976 300	Automotive Partnership Canada Project/ Partenariat automobile du Canada	Development of multi-chamber catalytic converters for Diesel exhaust gas after treatment	
Hazendonk, Paul	University of Lethbridge	Chemistry and Biochemistry	Alberta	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Low field MAS NMR of heterogeneous systems	
Heath, Daniel	University of Windsor	Great Lakes Inst. for Environmental Res. (GLIER)	Ontario	CANADA	10/18/2013	3	526 600	Strategic Projects/ Projets stratégiques	Development of high performance Chinook salmon stocks for commercial aquaculture: Genetic hybridization to maximize culture efficiency and minimize environmental impact.	
Helbing, Caren	University of Victoria	Biochemistry and Microbiology	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	3	671 121	Strategic Projects/ Projets stratégiques	Linking behavioural effects of thyroid active chemicals with molecular biomarkers and their application towards the evaluation of sewage treatment technologies	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Herman, Peter	University of Toronto	Electrical & Computer Engineering	Ontario	CANADA	10/18/2013	3	627 275	Strategic Projects/ Projets stratégiques	Controlling femtosecond laser processing: smart fibers, catheters, and lab-on-fiber concepts	
Hewage, Kasun Neranja	The University of British Columbia	Okanagan - Engineering, School of	British Columbia/ Colombie-Britannique	CANADA	12/13/2013	3	82 499	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Sustainable water and energy strategies for small to medium scale neighborhood developments in Canada	
Heywood, Malcolm	Dalhousie University	Computer Science, Faculty of	Nova Scotia/ Nouvelle-Écosse	CANADA	12/13/2013	3	264 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Evolving under tasks of incomplete information: streaming and self play	
Hill, Ian	Dalhousie University	Physics and Atmospheric Science	Nova Scotia/ Nouvelle-Écosse	CANADA	12/13/2013	1	25 000	Networks of Centres of Excellence - Letters of intent/ Réseaux de centres d'excellence - lettres d'intention	PsiNet - The Printed Solar Innovation Network	
Hintz, William	University of Victoria	Biology	British Columbia/ Colombie-Britannique	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of PCR-based markers for biomonitoring of the mussel Mytilus trossulus	
Hinzer, Karin	University of Ottawa/ Université d'Ottawa	Electrical Engineering and Computer Science , School of	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Enhanced photovoltaic energy yield via pulsed-voltage biasing	
Hinzer, Karin	University of Ottawa/ Université d'Ottawa	Electrical Engineering and Computer Science , School of	Ontario	CANADA	11/15/2013	2	95 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Low cost concentrated photovoltaic energy yield analysis for Canadian and global locations (CPVEYA)	
Hitchcock, Adam	McMaster University	Chemistry & Chemical Biology	Ontario	CANADA	10/18/2013	2	159 400	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	STXM studies of novel fuel cell structures under various temperature and humidity conditions	
Hoare, Todd	McMaster University	Chemical Engineering	Ontario	CANADA	10/18/2013	3	310 000	Strategic Projects/ Projets stratégiques	Accelerated development of smart biomaterials for stem cell therapy and production	
Hoeber, Orland	University of Regina	Computer Science	Saskatchewan	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Visual Twitter Analytics (Vista) for investment analysis	
Holloway, Gordon	University of New Brunswick	Mechanical Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Tidal Turbine Performance Prediction using Advanced Parallel Computer Simulation	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Holloway, Gordon	University of New Brunswick	Mechanical Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	11/15/2013	3	120 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Vibration of the mixing impellers used in polymer production reactors	
Hoorfar, Mina	The University of British Columbia	Okanagan - Engineering, School of	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Measurement of water vapor transport through gas diffusion layers for various flow field designs	
House, James	University of Manitoba	Human Nutritional Sciences	Manitoba	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Assessment of the efficacy of Hemp Omega for the enrichment of poultry products with omega-3 fatty acids	
Hrymak, Andrew	The University of Western Ontario	Chemical and Biochemical Engineering	Ontario	CANADA	12/13/2013	3	58 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Design, development and validation of general surgery and urology simulators for surgical skills training	
Hu, Hongfa Henry	University of Windsor	Mechanical, Automotive and Materials Engineering	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	In-house Recycling of Aluminum A380 Machining Chips	
Hubert, Pascal	McGill University	Mechanical Engineering	Québec	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Laser welding of thermoplastic injected moulded parts	
Illman, Walter	University of Waterloo	Earth & Environmental Sciences	Ontario	CANADA	11/15/2013	3	87 023	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Evaluation of hydraulic tomography and data integration for improved estimates of subsurface hydraulic parameters	
Izquierdo, Ricardo	Université du Québec à Montréal	Informatique	Québec	CANADA	10/18/2013	1	124 204	Idea to Innovation/ De l'idée à l'innovation	A miniature sensor integrating multiple detection technologies for evaluating water pollution	
Jabaji, Suha	McGill University	Plant Science	Québec	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Application of biochar and Zeolite as a replacement for a peat-based soilless potting substrate	
Jaekel, Arunita	University of Windsor	Computer Science, School of	Ontario	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Enhancing reliability of vehicular communication using DSRC technology	
Jain, Praveen	Queen's University	Electrical and Computer Engineering	Ontario	CANADA	10/18/2013	3	351 000	Strategic Projects/ Projets stratégiques	New power converters for energy storage systems	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Jatskevich, Juri	The University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	3	651 000	Strategic Projects/ Projets stratégiques	Advanced integrated AC-DC systems for energy efficient buildings and communities in Canada	
Jessop, Philip	Queen's University	Chemistry	Ontario	CANADA	10/18/2013	3	378 240	Strategic Projects/ Projets stratégiques	CO2-Triggered Switchable Surfaces	
Johansen, Craig	University of Calgary	Mechanical and Manufacturing Engineering	Alberta	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Supersonic shockwave propagation	
Kaliaguine, Serge	Université Laval	Génie chimique	Québec	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Synthèse de réseaux polymères poreux pour la préparation de nouveaux électro catalyseurs	
Kar, Narayan	University of Windsor	Electrical and Computer Engineering	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of an optimally-sized powertrain with integrated charging system for cost reduction and efficiency improvement in electric golf carts	
Karboune, Salwa	McGill University	Food Science and Agricultural Chemistry	Québec	CANADA	11/15/2013	1	35 200	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Development of a biocatalytic process for the isolation of noncellulosic B-glucans from yeast cell wall by-products	
Kashyap, Raman	École Polytechnique de Montréal	Head Office	Québec	CANADA	10/18/2013	3	373 250	Strategic Projects/ Projets stratégiques	GRAPPAS: Glass preforms rolled and Planarised for Photonics Applications in sandwich structures form	
Keillor, Jeffrey	University of Ottawa/ Université d'Ottawa	Chemistry	Ontario	CANADA	10/18/2013	1	120 350	Idea to Innovation/ De l'idée à l'innovation	Fluorogenic labelling of proteins in living cells	
Kennedy, Christopher	Simon Fraser University	Biological Sciences	British Columbia/ Colombie-Britannique	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of innovative tools for marine ecological assessment and intertidal habitat restoration	
Keshav, Srinivasan	University of Waterloo	Computer Science, David R. Cheriton School of	Ontario	CANADA	11/15/2013	5	680 675	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Management and control of energy use in homes and buildings	
Kim, Woo Soo	Simon Fraser University	Mechatronic Systems Engineering	British Columbia/ Colombie-Britannique	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Process development of highly stretchable LED for wearable signage applications	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Kishen, Anil	University of Toronto	Dentistry, Faculty of	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Biosurface modification using nanoparticles to manage infected dentin	
Kitaev, Vladimir	Wilfrid Laurier University	Chemistry	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of plasmonic nanoparticles with optimal optical properties and stability for biosensing instruments of Nicoya Lifescience	
Ko, Frank	The University of British Columbia	Materials Engineering	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	3	176 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Design and manufacturing of hybrid carbon nanofibre materials for fuel cell electrodes	
Kouki, Ammar	École de technologie supérieure	Génie électrique	Québec	CANADA	10/18/2013	2	120 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Improvement of full-duplex RFID tag detection for live stock identification and tracking during transport	
Kumacheva, Eugenia	University of Toronto	Chemistry (St. George Campus)	Ontario	CANADA	11/15/2013	1	125 000	Idea to Innovation/ De l'idée à l'innovation	A platform for optimization of formulations of nanoparticle suspensions	
Kumacheva, Eugenia	University of Toronto	Chemistry (St. George Campus)	Ontario	CANADA	10/18/2013	3	427 500	Strategic Projects/ Projets stratégiques	Microfluidic studies of carbon dioxide-mediated extraction and phase separation in switchable solvents	
Kumar, Shiva	McMaster University	Electrical and Computer Engineering	Ontario	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Coherent detection technology applied to biomedical imaging.	
Laganière, Robert	University of Ottawa/ Université d'Ottawa	Electrical Engineering and Computer Science , School of	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	3D object recognition and tracking from live cameras	
Lagugné-Labarthe, François	The University of Western Ontario	Chemistry	Ontario	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Second harmonic generation from plasmonic nanostructures: Modelling nonlinear optical properties for chirality sensing.	
Lakhssassi, Ahmed	Université du Québec en Outaouais	Informatique et d'ingénierie	Québec	CANADA	10/18/2013	1	124 500	Idea to Innovation/ De l'idée à l'innovation	Outil de protabilité entre technologies des circuits analogiques et mixtes entièrement automatisé	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Lamarre, Vincent	Institut de technologie agroalimentaire	Head Office	Québec	CANADA	10/18/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Fabrication et caractérisation de la performance horticole d'un engrais à libération lente, à base de laine de moutons de race Romanov	
Lamarre, Vincent	Institut de technologie agroalimentaire	Head Office	Québec	CANADA	10/18/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Développement d'un procédé de culture de mycélium in vitro sur milieu solide pour une souche de Chaga (Inonotus obliquus)	
Lamarre, Vincent	Institut de technologie agroalimentaire	Head Office	Québec	CANADA	12/13/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Développement d'une empreinte génétique pour des cultivars d'arbres fruitiers en vue d'une certification patrimoine horticole de la Côte-du-Sud	
Landry, Josée Karine	Collège communautaire du Nouveau-Brunswick	CCNB - Campus d'Edmundston	New Brunswick/ Nouveau-Brunswick	CANADA	10/18/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Development of an alternative plant transformation method	
Lantin, Maria	Emily Carr University of Art + Design	Intersections Digital Studio	British Columbia/ Colombie-Britannique	CANADA	12/13/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Enhanced Ebook Design Development Tools and Social Participation	
Laroche, Gaétan	Université Laval	Génie des mines, métallurgie et matériaux	Québec	CANADA	12/13/2013	3	187 485	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Development of smart glass materials: surface engineering of anti-fog and self-cleaning glass using dielectric barrier discharge plasmas at atmospheric pressure	
Lauzon, Janic	Cégep de Saint-Jérôme	Siège social	Québec	CANADA	10/18/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Nouveaux matériaux composites à base de nanocellulose type I	
Lavoie, Jean-Michel	Université de Sherbrooke	Génie chimique et génie biotechnologique	Québec	CANADA	12/13/2013	2	86 956	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Conversion chimique des boues de désencrage en acide lactique, un produit chimique vert à valeur ajoutée	
Lawless, Darren	Sheridan Institute of Technology and Advanced Learning	Head Office	Ontario	CANADA	12/13/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Enhancing Business Intelligence With Mobile Computing	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Le Sieur, Sylvie	Collège Shawinigan	Head Office	Québec	CANADA	10/18/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Création d'un média pour l'adhésion des microorganismes impliqués dans le traitement des eaux dans un digesteur anaérobique de type UASB	
Le Sieur, Sylvie	Collège Shawinigan	Head Office	Québec	CANADA	12/13/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Développement d'un consortium microbien pour la bioremédiation des PAH (hydrocarbures aromatiques polycycliques) et la bioaccumulation des métaux lourds	
Le, Long	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunication - Montréal	Québec	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Communication range enhancement for Bluetooth radios via multi-hop communications to support wearable computing and E-health applications	
Leach, Gary	Simon Fraser University	Chemistry	British Columbia/ Colombie-Britannique	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Table-top x-ray microscope development	
LeBlanc, David	University of Prince Edward Island	Computer Science and Information Technology	Prince Edward Island/ Île-du-Prince-Édouard	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	A Cost-Effective Indoor Tracking System	
Leclerc, Marc	Cégep de Saint-Hyacinthe	Siège social	Québec	CANADA	10/18/2013	2	150 000	Applied Research and Development Grants - Level 2/ Subventions de recherche et développement appliquée - niveau 2	Développement de méthodes de contrôle de la qualité des conduites de drainage en PEHD recyclé	
Leclerc, Marc	Cégep de Saint-Hyacinthe	Siège social	Québec	CANADA	11/15/2013	3	225 000	Applied Research and Development Grants - Level 2/ Subventions de recherche et développement appliquée - niveau 2	Développement d'une armature biosourcée pour les membranes bitumineuses	
Leclerc, Mario	Université Laval	Chimie	Québec	CANADA	11/15/2013	1	25 000	Strategic Research Networks Program Letters of Intent/ Programme de subventions de réseaux stratégiques lettres d'intentions	Funding for full application preparation - NSERC network on printable electronics	
L'Ecuyer, Pierre	Université de Montréal	Informatique et recherche opérationnelle	Québec	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Random number generation facilities for GPGPUs in OpenCL	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Lee, Regina	York University	Earth and Space Science and Engineering	Ontario	CANADA	10/18/2013	1	26 222	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Small satellite control and processing hardware characterization	
Lefsrud, Mark	McGill University	Bioresource Engineering	Québec	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Testing of a light emitting diode array for improving intensity and wavelength control	
Légaré, François	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	10/18/2013	3	522 668	Strategic Projects/ Projets stratégiques	Novel laser technologies for the amplification and the frequency conversion of octave spanning laser sources	
LeNy, Jerome	École Polytechnique de Montréal	Génie électrique	Québec	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Natural motions for a robotic arm integrated in media installations	
Lerouge, Sophie	École de technologie supérieure	Génie mécanique	Québec	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Conception and feasibility study of a new tool for the study of viscoelastic properties of soft biomaterials and engineered tissues	
Leung, Victor	The University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	3	495 000	Strategic Projects/ Projets stratégiques	Cognitive platform for ubiquitous cloud-based gaming	
Leznoff, Daniel	Simon Fraser University	Chemistry	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	3	335 850	Strategic Projects/ Projets stratégiques	Development of Vapochromic Coordination Polymer Materials as Sensors for Electrical Transformer Diagnostics	
Li, Baochun	University of Toronto	Electrical & Computer Engineering	Ontario	CANADA	10/18/2013	3	448 500	Strategic Projects/ Projets stratégiques	A cloud-assisted crowdsourcing machine-to-machine networking platform for vehicular applications	
Li, Howard	University of New Brunswick	Electrical and Computer Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of Training Techniques for Civilian Unmanned Aerial Vehicles (UAVs)	
Li, Julang	University of Guelph	Animal and Poultry Science	Ontario	CANADA	11/15/2013	2	78 400	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Recombinant production of antimicrobial peptides as alternative to antibiotics	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Li, Loretta	The University of British Columbia	Civil Engineering	British Columbia/ Colombie-Britannique	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Evaluation of the Capacity of rain gardens growing and sorption media to remove nutrients, metals and organic pollutants from stormwater	
Li, Qingguo	Queen's University	Mechanical and Materials Engineering	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Inertial sensor for 3D joint kinematics estimation: Calibration and protocol development	
Li, Yunwei	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	10/18/2013	3	120 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Harmonics suppression and common mode voltage control in a high power current source drive system	
Li, Zongpeng	University of Calgary	Computer Science	Alberta	CANADA	10/18/2013	3	423 000	Strategic Projects/ Projets stratégiques	Reliable and robust enterprise-public cloud computing	
Liang, Ben	University of Toronto	Electrical & Computer Engineering	Ontario	CANADA	10/18/2013	3	469 300	Strategic Projects/ Projets stratégiques	Cloud in the air: A heterogeneous data communication framework for mobile cloud computing	
Lien, Fue-Sang	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	CFD modeling of surge tank degassing process	
Lien, Fue-Sang	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Computational modelling of heat transfer in heat exchangers with high Prandtl number fluids	
Lim, Loong-Tak	University of Guelph	Food Science	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of enzymatic processes to enhance the functionality of egg white proteins	
Lin, Der Chyan	Ryerson University	Mechanical and Industrial Engineering	Ontario	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of a wearable long-term cardiac health information system device.	
Litzgus, Jacqueline	Laurentian University of Sudbury/ Université Laurentienne de Sudbury	Biology	Ontario	CANADA	12/13/2013	2	47 700	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Impact assessment and development of strategies for restoring reptile and amphibian biodiversity in mining-disturbed environments	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Liu, Guojun	Queen's University	Chemistry	Ontario	CANADA	12/13/2013	3	363 999	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Oil- and water-repellant coatings for industrial applications	
Liu, Jiangchuan	Simon Fraser University	Computing Science, School of	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Cloud-assisted vehicle monitoring and Smart driving	
Liu, Juewen	University of Waterloo	Chemistry	Ontario	CANADA	10/18/2013	3	553 600	Strategic Projects/ Projets stratégiques	NSC - Design and screening of DNA-functionalized hydrogels for contaminants in water	
Liu, Qi	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	12/13/2013	3	240 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Using new flotation reagents to directly float niobium oxide and iron oxide	
Liu, Qingxia	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	11/15/2013	3	352 367	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Removal of trace amount of metal ions using magnetic graphene oxide	
Liu, Yang	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Improvement of ammonia removal in biological nutrient removal processes	
Lowary, Todd	University of Alberta	Chemistry	Alberta	CANADA	12/13/2013	1	25 000	Networks of Centres of Excellence - Letters of intent/ Réseaux de centres d'excellence - lettres d'intention	GlycoNet - Canadian Glycomics Network	
Lu, Tao	University of Victoria	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Feasibility study of short pulse laser based protein spectroscopy using tapered fiber	
Lucotte, Marc	Université du Québec à Montréal	Sciences de l'environnement, Institut des	Québec	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Utilisation de l'argile Manicouagan, exploitée par la compagnie Argile Eau Mer, pour le traitement des eaux usées sanitaires et de ruissellement agricole	
Macdonald, Ellen	University of Alberta	Renewable Resources	Alberta	CANADA	10/18/2013	3	764 300	Strategic Projects/ Projets stratégiques	Tools for managing forest productivity and biodiversity in relation to ecosystem function in boreal mixedwood forests	
MacLeod, Douglas	Athabasca University	RAIC Centre for Architecture	Alberta	CANADA	10/18/2013	1	25 000	Partnership Workshops Program/ Programme d'ateliers de partenariat	Next generation green buildings	

**Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.**

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Madramootoo, Chandra	McGill University	Bioresource Engineering	Québec	CANADA	10/18/2013	3	244 300	Strategic Projects/ Projets stratégiques	Application of variable rate irrigation technology for water efficiency and conservation	
Madramootoo, Chandra	McGill University	Bioresource Engineering	Québec	CANADA	10/18/2013	3	469 647	Strategic Projects/ Projets stratégiques	Managing agricultural systems to protect Canada's freshwater	
Mahinpey, Nader	University of Calgary	Chemical and Petroleum Engineering	Alberta	CANADA	11/15/2013	3	583 082	Strategic Projects/ Projets stratégiques	The application of novel solid materials in an integrated gasification and calcium looping technology: CO2 capture and energy production	
Mantin, Binyamin	University of Waterloo	Management Sciences	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	A dynamic pricing and revenue management algorithm for a ride-share commuting system	
Marshall, John	Ryerson University	Chemistry and Biology	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Identity of micro organisms and enzymes that bio-degrade the surfactants, required to disperse heavy petroleum oil, in a model environment	
Martinez, Mark	The University of British Columbia	Chemical and Biological Engineering	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	3	267 200	Strategic Projects/ Projets stratégiques	Novel application of viscoplastic fluids in industry: Creating opportunity for the pulp and paper sector	
Martinuzzi, Robert	University of Calgary	Mechanical and Manufacturing Engineering	Alberta	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of a CFD-based strategy for improving the low density polyethylene manufacturing process at NOVA Chemicals	
Massicotte, Daniel	Université du Québec à Trois-Rivières	Génie électrique	Québec	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Parallel implementation of LTE base station algorithms on general-purpose multicore processors	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Masson, Jean-Francois	Université de Montréal	Chimie	Québec	CANADA	10/18/2013	3	510 000	Strategic Projects/ Projets stratégiques	Analyse environnementale avec un instrument Raman portable au site d'échantillonnage: Mesure des matériaux énergétiques dans les eaux souterraines	
Matida, Edgar	Carleton University	Mechanical & Aerospace Engineering	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Wind tunnel performance measurements and numerical simulations of a counter-rotating wind turbine	
Matwin, Stan	Dalhousie University	Computer Science, Faculty of	Nova Scotia/ Nouvelle-Écosse	CANADA	10/18/2013	2	150 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Satellite AIS data for intelligent maritime solutions	
Mayer, Bernhard	University of Calgary	Geoscience	Alberta	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Stimulation of biogeochemical reactions in CHOPS reservoirs to increase pressure: a feasibility study	
Mcphee, John	University of Waterloo	Systems Design Engineering	Ontario	CANADA	11/15/2013	1	200 000	Synergy Awards/ Prix synergie	Collaborative model-based design and control of next-generation green automobiles	
Medjeldi, Tayeb	Cégep de Trois-Rivières	Head Office	Québec	CANADA	10/18/2013	3	225 000	Applied Research and Development Grants - Level 2/ Subventions de recherche et développement appliquée - niveau 2	Lampadaires Intelligents: Économie d'énergie, amélioration sécuritaire et diminution des gaz à effet de serre	
Medraj, Mamoun	Concordia University	Mechanical and Industrial Engineering	Québec	CANADA	12/13/2013	4	416 787	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Development of novel Fe-based permanent magnets for high temperature applications	
Melek, William	University of Waterloo	Mechanical Engineering and Mechatronics	Ontario	CANADA	10/18/2013	3	138 269	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Development of predictive analytics and business intelligence tools for improved patient management using intelligent decision support systems	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Mercier, Guy	Institut national de la recherche scientifique	Centre Eau, Terre et Environnement (ETE)	Québec	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Applicability of the mineral carbonation process to the capture of CO2 from industrial emission from iron ore exploitations and other mining industries	
Mesbah, Ali	The University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Perceptions of test engineers on the quality of web application test cases	
Meunier, Jean-Luc	McGill University	Chemical Engineering	Québec	CANADA	10/18/2013	1	124 500	Idea to Innovation/ De l'idée à l'innovation	Fabrication and functionalization of a pure non-noble metal catalyst showing activity and time stability for large scale applications	
Mighri, Frej	Université Laval	Génie chimique	Québec	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Effect of rheology and orientation of melt-spinning polypropylene fiber via twin-screw extrusion	
Mihailidis, Alex	University Health Network	Toronto Rehabilitation Institute	Ontario	CANADA	12/13/2013	1	25 000	Networks of Centres of Excellence - Letters of intent/ Réseaux de centres d'excellence - lettres d'intention	AGE-WELL - Aging Gracefully accross Environments using Technology to Support Wellness, Engagement and Long Life - Vieillir en beauté dans divers environnements utilisant la technologie pour soutenir b	
Milios, Evangelos	Dalhousie University	Computer Science, Faculty of	Nova Scotia/ Nouvelle-Écosse	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Content analysis of technical documentation for authoring support	
Mine, Yoshinori	University of Guelph	Food Science	Ontario	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Anti-inflammatory effects of a synthetic di-phosphoserine (PP2) egg yolk peptide in modulating inflammatory response	
Minev, Peter	University of Alberta	Mathematical and Statistical Sciences	Alberta	CANADA	12/13/2013	3	124 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Multiscale analysis and large-scale parallelization of heterogeneous reservoir models	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Moallem, Mehrdad	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Study of an alternator-based energy converter for L.B. Foster Friction Management System	
Moallem, Mehrdad	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	3	120 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Development of intelligent magneto-rheological dampers for mountain bikes	
Moffitt, Matthew	University of Victoria	Chemistry	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	3	454 500	Strategic Projects/ Projets stratégiques	Manufacturing Block Copolymer-Based Drug Delivery Vehicles in Microfluidics	
Mohany, Atef	University of Ontario Institute of Technology	Engineering and Applied Science, Faculty of	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Design of passive noise control devices for attenuation of pressure pulsations in piping systems	
Moineau, Sylvain	Université Laval	Biochimie, de microbiologie et de bio-informatique	Québec	CANADA	11/15/2013	1	200 000	Synergy Awards/ Prix synergie	Controlling phages in large-scale cheese production	
Moore, Ian	Queen's University	Civil Engineering	Ontario	CANADA	10/18/2013	3	570 950	Strategic Projects/ Projets stratégiques	Water: Management and assessment of infrastructure (WaterMAIN) to prevent leakage and collapse of water pipes and sewers	
Mori, Gregory	Simon Fraser University	Computing Science, School of	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	2	44 800	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Complex Behavior Recognition from Aerial Video (CBRAV)	
Morin, Jean-Francois	Université Laval	Chimie	Québec	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Synthesis of silica-supported dendrimers for metal capture	
Moschopoulos, Gerasimos (Gerry)	The University of Western Ontario	Electrical and Computer Engineering	Ontario	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Investigation of Circuit Structures for the AC-DC Power Converter Market	
Mostaghimi, Javad	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Investigating the cause of bubble entrapment and gel formation during application of water-based polyurethane coating on wood	
Mousavi, Pedram	University of Alberta	Mechanical Engineering	Alberta	CANADA	10/18/2013	3	479 958	Strategic Projects/ Projets stratégiques	3D Printing of Adaptable Wireless Systems	

**Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.**

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Murty, Vijayakumar	University of Toronto	Mathematics (St. George Campus)	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Analytics engine for sales data	
Muzychka, Yuri	Memorial University of Newfoundland	Engineering and Applied Science, Faculty of	Newfoundland and Labrador/ Terre-Neuve-et-Labrador	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Transcritical CO2 Heat Pumps for Domestic Hot Water Applications	
Myles, Sean	Dalhousie University	Plant and Animal Sciences (Faculty of Agriculture)	Nova Scotia/ Nouvelle-Écosse	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Exploiting next-generation genomics in aquaculture	
Nabki, Frederic	Université du Québec à Montréal	Informatique	Québec	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Design of a microelectromechanical lateral rotational mirror for a compact tunable optical transceiver to support wavelength division multiplexing	
Naik, Kshirasagar	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	10/18/2013	3	204 144	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Dependable Execution of Applications on Smartphones	
Narasimhan, Sriram	University of Waterloo	Civil & Environmental Engineering	Ontario	CANADA	10/18/2013	2	74 075	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Novel signal processing algorithms using vibration signatures towards fault diagnosis in critical airport infrastructure	
Nasiopoulos, Panos	The University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	3	451 500	Strategic Projects/ Projets stratégiques	Elevating entertainment, education, and social networking experience through convergence of immersive video technologies (ELEVATE)	
Neufeld, Josh	University of Waterloo	Biology	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Archaeal aquarium supplement assessment	
Newman, Aaron	Dalhousie University	Psychology	Nova Scotia/ Nouvelle-Écosse	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	A compressed sequence for rapid evaluation of brain function using magnetoencephalography (MEG): Development of the Halifax Consciousness Scanner (HCS)	
Ng, Wai Tung	University of Toronto	Electrical & Computer Engineering	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Gate drive circuits for GaN power transistors	
Niculescu, Gabriela	École Polytechnique de Montréal	Génie informatique et génie logiciel	Québec	CANADA	12/13/2013	3	127 500	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Domain specific language integration for hardware-aware software generation	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Nigg, Benno	University of Calgary	Kinesiology, Faculty of	Alberta	CANADA	11/15/2013	3	444 288	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Integrative performance sensor for ice hockey	
Nitz, Mark	University of Toronto	Chemistry (St. George Campus)	Ontario	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Novel synthesis of acyl glucuronides	
O'Leary, Stephen	The University of British Columbia	Okanagan - Engineering, School of	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Diamond-like carbon thin-films for cosmetic jewellery and industrial applications	
Olfert, Jason	University of Alberta	Mechanical Engineering	Alberta	CANADA	10/18/2013	1	69 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Investigation of the characteristics of ultrafine particles for improved PM emission factor reporting for flares.	
Olson, James	The University of British Columbia	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	4	160 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	The design of a lightweight, high-strength, energy-saving pulp screen cylinder	
Ormecci, Banu	Carleton University	Civil and Environmental Engineering	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of an improved fixed-film media support for wastewater treatment	
Osinski, Gordon	The University of Western Ontario	Earth Sciences	Ontario	CANADA	10/18/2013	2	168 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	The search for unconventional ores at the Sudbury structure: Offset Dyke and Sudbury Breccia-hosted deposits	
Ouellet, Lise	Cégep de Sainte-Foy	Siège Social	Québec	CANADA	12/13/2013	2	149 768	Applied Research and Development Grants - Level 2/ Subventions de recherche et développement appliquée - niveau 2	Mise au point d'un prototype d'essai d'une plate-forme multi-joueurs pour l'entraînement physique: KiloSPIN	
Ozaki, Tsuneyuki	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	10/18/2013	1	125 000	Idea to Innovation/ De l'idée à l'innovation	Terahertz detection using spectral domain interferometry (phase 1)	
Ozaki, Tsuneyuki	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	10/18/2013	3	462 000	Strategic Projects/ Projets stratégiques	Harnessing carbon plasma for extreme photonics and advanced materials	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Papandreou, Zisis	University of Regina	Physics	Saskatchewan	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Investigation of portable, low cost, radiation detection technology for use with wireless personal radiation detection equipment	
Park, Edward	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Design of an automated micropropagation system for plant tissue culture	
Pattabiraman, Karthik	The University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Hardware fault injector for GPGPU applications	
Payandeh, Shahram	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Educational platform for network robotic application	
Pelletier, Régis	Cégep de Chicoutimi	Siège social	Québec	CANADA	12/13/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Étude technique et de faisabilité permettant de mettre en place le cadre d'opération d'un drone	
Pelletier, Régis	Cégep de Chicoutimi	Siège social	Québec	CANADA	10/18/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Évaluation de la technologie GNSS pour le drainage agricole	
Pelletier, Régis	Cégep de Chicoutimi	Siège social	Québec	CANADA	12/13/2013	3	225 000	Applied Research and Development Grants - Level 2/ Subventions de recherche et développement appliquée - niveau 2	Optimisation de l'architecture de la solution de gestion d'infrastructure GEOCTOPUS	
Pellizzoni, Rodolfo	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Breath alcohol interlock integration into automotive system	
Pelot, Ronald	Dalhousie University	Industrial Engineering	Nova Scotia/ Nouvelle-Écosse	CANADA	10/18/2013	3	256 299	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	PASSAGES: Protection & Advanced Surveillance System for the Arctic : Green, Efficient, Secure.	
Penner, Gregory	University of Saskatchewan	Animal and Poultry Science	Saskatchewan	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Does the type of sugar affect ruminal fermentation and ruminal epithelial function?	
Pépin, Henri	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Commissioning and characterization of films deposited with a novel magnetron sputtering/pulsed laser deposition system	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Pichette, André	Université du Québec à Chicoutimi	Sciences fondamentales	Québec	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Caractérisation d'extraits de plantes de la Côte-Nord pour le développement de produits de santé naturels à base d'argile	
Pitcher, Tony	The University of British Columbia	Fisheries Centre	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	3	682 335	Strategic Projects/ Projets stratégiques	Understanding the ecosystem role of Pacific herring in coupled social-ecological systems: advancing forage fish science	
Pitcher, Trevor	University of Windsor	Biological Sciences	Ontario	CANADA	11/15/2013	1	200 000	Synergy Awards/ Prix synergie	Yellow Island Aquaculture Limited: an organic salmon farm using cutting edge research to improve fish quality and yield	
Ponsard, Bruno	Collège de Maisonneuve	Siège social	Québec	CANADA	11/15/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Faisabilité de la concentration supercritique d'une fraction d'huile de krill riche en astaxanthine	
Poon, Joyce	University of Toronto	Electrical & Computer Engineering	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Integrated photonics for narrow linewidth lasers	
Poupart, Pascal	University of Waterloo	Computer Science, David R. Cheriton School of	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Adaptive prompting to promote activity for residents of retirement living	
Poupart, Pascal	University of Waterloo	Computer Science, David R. Cheriton School of	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Feature extraction and event/trend detection in social media messages	
Power, Michael	University of Waterloo	Biology	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Electrical deterrent barriers for lake sturgeon - proof of concept testing	
Pramanik, Sandipan	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Axially heterostructured metal-organic hybrid nanowires with modulated diameter: engineering absorption and emission spectra of organics	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Qiu, Zhijun	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Performance evaluation of roadside equipment with different wireless communication technologies for connected vehicle applications	
Rahaman, Saifur	Concordia University	Building, Civil and Environmental Engineering	Québec	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of an electrooxidation process for treating municipal and industrial wastewater	
Raji Kermani, Mehrdad	The University of Western Ontario	Electrical and Computer Engineering	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Suitable Grasping for Harvesting Mushroom	
Robitaille, François	University of Ottawa/ Université d'Ottawa	Mechanical Engineering	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Advanced modelling for understanding and replicating edge-curl in paper machine clothing	
Rocheffort, Line	Université Laval	Phytologie	Québec	CANADA	12/13/2013	5	294 778	Industrial Research Chairs/ Professeurs-chercheurs industriels	NSERC Industrial Research Chair on Peatland Management - 3	
Rodrigue, Denis	Université Laval	Génie chimique	Québec	CANADA	10/18/2013	3	415 956	Strategic Projects/ Projets stratégiques	Développement de membranes polymères pour la séparation de biogaz	
Rohani, Sohrab	The University of Western Ontario	Chemical and Biochemical Engineering	Ontario	CANADA	10/18/2013	3	241 080	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Microwave-ultrasonic assisted zeolitization of coal fly ash(CFA): value-added materials for environmental applications	
Roorda, Matthew	University of Toronto	Civil Engineering	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	City logistics solutions for freight delivery at the 2015 PANAM Games	
Rosei, Federico	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	3D high resolution tomography of graphene and carbon nanotubes that cannot be mapped using visible light techniques	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Rosei, Federico	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	10/18/2013	3	585 000	Strategic Projects/ Projets stratégiques	Development of germanium fiber Bragg gratings and Er-doped fiber amplifiers for operation in harsh environments	
Roué, Lionel	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Silicon recycling from solar products as anode materials for Li-ion batteries	
Rowntree, Paul	University of Guelph	Chemistry	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Characterization of Surface Acid Sites of Anti-Fouling Surface Preparations using Temperature Programmed Desorption	
Rteil, Ahmad	The University of British Columbia	Okanagan - Engineering, School of	British Columbia/ Colombie-Britannique	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Use of processed bentonite clay as cementitious material in structural concrete	
Ruda, Harry	University of Toronto	Materials Science and Engineering	Ontario	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Modelling and optimisation of chemical vapour deposition vapour-liquid-solid system	
Ruiz, Eduardo	École Polytechnique de Montréal	Génie mécanique	Québec	CANADA	12/13/2013	5	1150 000	Industrial Research Chairs/ Professeurs-chercheurs industriels	Chaire de recherche industrielle CRSNG-Safran sur les nouveaux matériaux composites 3D pour l'industrie aérospatiale	
Sadeghpour, Farnaz	University of Calgary	Civil Engineering	Alberta	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Layout optimization for automated tracking in production planning and control	
Sadiq, Rehan	The University of British Columbia	Okanagan - Engineering, School of	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Green Proforma: An appraisal tool for sustainable neighbourhoods	
Saghir, Ziad	Ryerson University	Mechanical and Industrial Engineering	Ontario	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Analytical model for the diffusion rate of SO2 into the asymmetric hollow fiber ceramic tube	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Sain, Mohini	University of Toronto	Forestry, Faculty of	Ontario	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of railroad track bed-ties form recycled tires	
Sain, Mohini	University of Toronto	Forestry, Faculty of	Ontario	CANADA	11/15/2013	2	131 250	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Commercialization of the technology on the manufacture of biopanel from rice straw and digestate using green adhesives	
Saleh, Saleh	University of New Brunswick	Electrical and Computer Engineering	New Brunswick/ Nouveau-Brunswick	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	New Methods for Modeling Residential Loads for Smart Grid Applications	
Samson, Claire	Carleton University	Earth Sciences	Ontario	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Comparing geomagnetic data acquired with an unmanned air vehicle (UAV) and fixed-wing aircraft	
Sargent, Edward	University of Toronto	Electrical & Computer Engineering	Ontario	CANADA	10/18/2013	3	435 600	Strategic Projects/ Projets stratégiques	Solar-driven removal of organic contaminants from water	
Schachar, Russel	Hospital for Sick Children	Head Office	Ontario	CANADA	12/13/2013	1	25 000	Networks of Centres of Excellence - Letters of intent/ Réseaux de centres d'excellence - lettres d'intention	PEGASYS - Phenomic, environmental and genomic approaches to psychopathology	
Schiff, Sherry	University of Waterloo	Earth & Environmental Sciences	Ontario	CANADA	10/18/2013	3	726 564	Strategic Projects/ Projets stratégiques	Canada's nitrogen legacy: Combining modeling & isotope approaches for drinking water quality and aquatic ecosystem health of rivers	
Schwartz, Jean-Louis	Université de Montréal	Physiologie	Québec	CANADA	10/18/2013	3	300 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Delaying resistance of corn insect pests to Bacillus thuringiensis biocontrol: mode of action of new Bt products	
Semagina, Natalia	University of Alberta	Chemical and Materials Engineering	Alberta	CANADA	12/13/2013	3	150 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Advanced catalytic materials for waste conversion to biofuel and biomass-derived green chemicals	
Semenikhin, Oleg	The University of Western Ontario	Chemistry	Ontario	CANADA	10/18/2013	3	393 000	Strategic Projects/ Projets stratégiques	Advanced fibers and textiles for energy conversion and storage	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Servati, Peyman	The University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	3	514 000	Strategic Projects/ Projets stratégiques	Flexible, efficient solar-battery nano-textile	
Servati, Peyman	The University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	3	516 000	Strategic Projects/ Projets stratégiques	Bio-inspired soft epidermal and wearable nanofiber electronics for wireless health monitoring	
Shafai, Cyrus	University of Manitoba	Electrical and Computer Engineering	Manitoba	CANADA	12/13/2013	2	98 800	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	MEM electric field sensors for utility infrastructure monitoring	
Shami, Abdallah	The University of Western Ontario	Electrical and Computer Engineering	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Optimizing virtual machine live migration for highly available applications in cloud computing environments	
Shami, Abdallah	The University of Western Ontario	Electrical and Computer Engineering	Ontario	CANADA	10/18/2013	3	409 140	Strategic Projects/ Projets stratégiques	Energy-efficient resource provisioning for network-based cloud computing environments	
Shang, Julie	The University of Western Ontario	Civil and Environmental Engineering	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Electrokinetics enhanced thickening of mine tailings	
Shankar, Karthik	University of Alberta	Electrical and Computer Engineering	Alberta	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Characterization of through-silicon vias	
Shannon, Lesley	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	A custom SLO/OCT solution accelerated with custom hardware accelerators on FPGAs	
She, Yuntong	University of Alberta	Civil and Environmental Engineering	Alberta	CANADA	12/13/2013	4	146 500	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Investigating the performance of transient model based leak detection system for liquid pipelines	
Shen, Xuemin (Sherman)	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	10/18/2013	3	530 100	Strategic Projects/ Projets stratégiques	Advanced Information and Communication System for Smart Grid	
Sheng, Yunlong	Université Laval	Physique, génie physique et optique	Québec	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Projecteur à la base d'élément optique diffractif pour la numérisation 3D	
Shirmohammadi, Shervin	University of Ottawa/ Université d'Ottawa	Electrical Engineering and Computer Science, School of	Ontario	CANADA	10/18/2013	3	362 250	Strategic Projects/ Projets stratégiques	Hi-Fit: High fidelity telepresence over best effort networks	
Sinclair, Anthony	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Radiographic corrosion assessment in large-diameter piping	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Singh, Baljit	University of Saskatchewan	Veterinary Biomedical Sciences	Saskatchewan	CANADA	12/13/2013	1	25 000	Networks of Centres of Excellence - Letters of intent/ Réseaux de centres d'excellence - lettres d'intention	OHN - One Health Network	
Sinton, David	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	10/18/2013	4	355 157	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Pore-scale microfluidics for improved efficiency in thermal oil recovery with steam assisted gravity drainage	
Sinton, David	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	10/18/2013	3	403 500	Strategic Projects/ Projets stratégiques	Nanoparticle-CO2 foams: New methods for carbon storage and oil recovery via pore-scale microfluidics	
Sleep, Brent	University of Toronto	Civil Engineering	Ontario	CANADA	10/18/2013	3	352 574	Strategic Projects/ Projets stratégiques	Optimizing performance of integrated green roof photovoltaic systems	
Smith, Kevin	The University of British Columbia	Chemical and Biological Engineering	British Columbia/ Colombie-Britannique	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Partial upgrading of SAGD bitumen	
Smith, Kevin	The University of British Columbia	Chemical and Biological Engineering	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	3	390 000	Strategic Projects/ Projets stratégiques	Development of catalysts and adsorbents derived from petroleum coke and applied to oil sands upgrading	
Smith, Myron	Carleton University	Biology	Ontario	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Berberine for antimicrobial applications in horticulture	
Smol, John	Queen's University	Biology	Ontario	CANADA	10/18/2013	3	365 200	Strategic Projects/ Projets stratégiques	Predicting dissolved oxygen concentrations in Lake Trout lakes: Developing new tools for a multiple-stressor world	
Smy, Tom	Carleton University	Electronics	Ontario	CANADA	10/18/2013	2	60 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	CAD for optical circuit modeling for integrated systems	
Somayaji, Anil	Carleton University	Computer Science, School of	Ontario	CANADA	10/18/2013	2	150 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Mobile Authentication & Fraud Detection	
Sparrey, Carolyn	Simon Fraser University	Mechatronic Systems Engineering	British Columbia/ Colombie-Britannique	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Coupling optical tracking results with specimen-specific vertebral models	
Spiteri, Raymond	University of Saskatchewan	Computer Science	Saskatchewan	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Predictive modelling for social media data	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
St-Amour, Wayne	Nova Scotia Community College	Head Office	Nova Scotia/ Nouvelle-Écosse	CANADA	10/18/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Feasibility Study for an Underwater Acoustic Calibration Chamber for Low-Frequency Vector Sensors	
St-Amour, Wayne	Nova Scotia Community College	Head Office	Nova Scotia/ Nouvelle-Écosse	CANADA	11/15/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	An ergo-friendly lift solution for improved operator's posture in tires production plant	
St-Amour, Wayne	Nova Scotia Community College	Head Office	Nova Scotia/ Nouvelle-Écosse	CANADA	11/15/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Solar Thermal Energy Storage using Phase-Change Materials	
Stashuk, Daniel	University of Waterloo	Systems Design Engineering	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	EEG integration with a novel Integrated Transcranial Magnetic Stimulation (iTMS) device	
Stefanyshyn, Darren	University of Calgary	Kinesiology, Faculty of	Alberta	CANADA	11/15/2013	1	55 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Improving shoe fit for Canadian feet	
Stephan, Douglas	University of Toronto	Chemistry (St. George Campus)	Ontario	CANADA	10/18/2013	3	449 400	Strategic Projects/ Projets stratégiques	Asymmetric Boremium Cations in Catalysis	
Stoeber, Boris	The University of British Columbia	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Integration feasibility	
Stoeber, Boris	The University of British Columbia	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Proof of Principle: Dissolved gas probe	
Sullivan, Pierre	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Spray velocity and droplet size measurements using laser signal processing	
Sundararaj, Uttandaraman	University of Calgary	Chemical and Petroleum Engineering	Alberta	CANADA	11/15/2013	3	198 375	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Structure-property-processing relationships of polyethylene nanocomposites	
Tam, Michael	University of Waterloo	Chemical Engineering	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Functionalisation of cellulose nanocrystals for compatibilisation in polyurethane foam system	
Tang, Anthony	The University of Western Ontario	Head Office	Ontario	CANADA	12/13/2013	1	25 000	Networks of Centres of Excellence - Letters of intent/ Réseaux de centres d'excellence - lettres d'intention	CANet - Canadian Arrhythmia Network / Réseau Canadien sur les arythmies	
Tavoularis, Stavros	University of Ottawa/ Université d'Ottawa	Mechanical Engineering	Ontario	CANADA	12/13/2013	3	90 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Experimental and computational studies of two-phase flows in nuclear reactor systems	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Taylor, Graham	University of Guelph	Engineering, School of	Ontario	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Learning to detect insects in the field: towards a fully automated intelligent system for remote pest monitoring	
Taylor, Peter	York University	Earth and Space Science and Engineering	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Nowcasting methods and short term weather forecasts	
Telichev, Igor	University of Manitoba	Mechanical and Manufacturing Engineering	Manitoba	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Failure of composite overwrapped pressure vessels subjected to hypervelocity impact	
Therrien, René	Université Laval	Géologie et génie géologique	Québec	CANADA	10/18/2013	3	530 166	Strategic Projects/ Projets stratégiques	Groundwater resources evolution in degrading permafrost environments: Sustainable water availability and management in the northern community of Umiujaq, Nunavik, Canada	
Thiyam-Hollander, Usha	University of Manitoba	Human Nutritional Sciences	Manitoba	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Endogenous lipid-peroxyl scavenger antioxidants from commercial mustard products and wasabi: functional food applications	
Thomas, Marc	École de technologie supérieure	Génie mécanique	Québec	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Conception d'une transmission à vitesse infiniment variable et à rendement optimal	
Trappenberg, Thomas	Dalhousie University	Computer Science, Faculty of	Nova Scotia/ Nouvelle-Écosse	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of single subject statistics for electroencephalographic (EEG) data	
Tremaine, Peter	University of Guelph	Chemistry and Biochemistry	Ontario	CANADA	11/15/2013	3	165 600	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Predictive models for D20 isotope effects on ionization and metal hydrolysis under CANDU reactor coolant conditions	
Tripunitara, Mahesh	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Security testing a collaboration application based on an email-like paradigm	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Tripunitara, Mahesh	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Prudent use of Dynamic Random Access Memory (DRAM) cells in security sensitive applications	
Troczynski, Tom	The University of British Columbia	Materials Engineering	British Columbia/ Colombie-Britannique	CANADA	11/15/2013	4	374 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Advanced Hot Surface Ignition Systems for High Pressure Natural Gas (HPNG) Engines	
Tufenkji, Nathalie	McGill University	Chemical Engineering	Québec	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Physico-chemical characterization of novel "green" corrosion-inhibiting organic layers formed on mild steel, aluminum, and copper for use in water treatment technologies	
Vandenbossche, Jamie	Camosun College	Head Office	British Columbia/ Colombie-Britannique	CANADA	11/15/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Wearable Eldercare Monitoring Device: Concept Design and Prototype Development	
Vaughan, Rodney	Simon Fraser University	Engineering Science, School of	British Columbia/ Colombie-Britannique	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Diversity antenna optimization for Smart Meter communications when considering device orientation	
Vederas, John	University of Alberta	Chemistry	Alberta	CANADA	10/18/2013	3	580 500	Strategic Projects/ Projets stratégiques	Probiotic bacteria and their bacteriocins to replace antibiotics in salmon aquaculture	
Vidal, François	Institut national de la recherche scientifique	Centre Énergie, Matériaux et Télécommunications (ÉMT) Varennes	Québec	CANADA	10/18/2013	3	508 636	Strategic Projects/ Projets stratégiques	Hyperpolarization of helium-3 through metastable exchange optical pumping at high pressure	
Vincent, Pascal	Université de Montréal	Informatique et recherche opérationnelle	Québec	CANADA	11/15/2013	3	104 346	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Learning representations of players' emotions and state for next generation gaming	
Wainer, Gabriel	Carleton University	Systems and Computer Engineering	Ontario	CANADA	12/13/2013	2	50 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Advanced Distributed Algorithms for COMP in LTE networks	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Walker, Virginia	Queen's University	Biology	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Antifreeze proteins for low temperature protection and preservation of living material	
Wang, Ke	Simon Fraser University	Computing Science, School of	British Columbia/ Colombie-Britannique	CANADA	11/15/2013	3	67 200	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Prediction of distribution feeder outages caused by storms	
Wang, Liangzhu	Concordia University	Building, Civil and Environmental Engineering	Québec	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Airflow and thermal management analysis of vertical data center with thermosiphons by fire dynamics simulator	
Wang, Wilson Quansheng	Lakehead University	Mechanical Engineering	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Assessment and characterization of bonding material properties	
Wang, Xiaoyu	Carleton University	Electronics	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	HVDC damping controller design	
Wang, Xin	University of Calgary	Geomatics Engineering	Alberta	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Detecting the top similar behaving groups of users	
Wang, Zhou	University of Waterloo	Electrical & Computer Engineering	Ontario	CANADA	10/18/2013	3	594 000	Strategic Projects/ Projets stratégiques	Advanced 3D video technologies: Quality assessment, display, keying and communications	
Weiss, Julien	École de technologie supérieure	Génie mécanique	Québec	CANADA	11/15/2013	3	145 666	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Improving the accuracy of production wind tunnel testing for commercial and business aircraft	
Welch, Gregory	Dalhousie University	Chemistry	Nova Scotia/ Nouvelle-Écosse	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Synthesis of conjugated organic polymers and oligomers relevant to the electronics industry using silica supported palladium heterogeneous catalysts	
Wheeler, Aaron	University of Toronto	Chemistry (St. George Campus)	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	In-line labelling for quantitative mass spectrometry	
Willerth, Stephanie	University of Victoria	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Reproducible isolation of RNA from single human pluripotent stem cells	
Willerth, Stephanie	University of Victoria	Mechanical Engineering	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of a Grb78 enzyme linked immunosorbent assay	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Willing, Benjamin	University of Alberta	Agricultural, Food and Nutritional Science	Alberta	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Molecular microbial ecology as a diagnostic tool to identify mode of action and new targets for oxidized silver wound dressings	
Willmore, William	Carleton University	Biochemistry, Institute of	Ontario	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Surface Plasmon Resonance - Tilted Fibre Bragg Grating (SPR-TFBG) fibre optic biosensor to detect metastasized cancer cells in cancer patients	
Wilton, Steven	The University of British Columbia	Electrical and Computer Engineering	British Columbia/ Colombie-Britannique	CANADA	10/18/2013	3	298 300	Strategic Projects/ Projets stratégiques	Raising the Abstraction of Analysis, Debug and Optimization of High-Level Synthesis-Generated Hardware	
Winkler, Gesche	Université du Québec à Rimouski	Sciences de la mer de Rimouski, Institut des	Québec	CANADA	10/18/2013	3	449 800	Strategic Projects/ Projets stratégiques	Production and consumption of krill in the Gulf of St. Lawrence: toward an ecosystem-based stock assessment	
Wolfaardt, Gideon	Ryerson University	Chemistry and Biology	Ontario	CANADA	10/18/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Combined ultrasound-antibiotic treatment of biofilms	
Wolyn, David	University of Guelph	Plant Agriculture (Guelph)	Ontario	CANADA	12/13/2013	3	102 237	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Mapping and QTL analysis in asparagus	
Wood, David	University of Calgary	Mechanical and Manufacturing Engineering	Alberta	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Wind Loads on PV Modules	
Wu, Ke	École Polytechnique de Montréal	Génie électrique	Québec	CANADA	10/18/2013	3	634 503	Strategic Projects/ Projets stratégiques	Millimeter-wave Identifications, Sensing and Tracking (MIST) for Low-Profile Integrated Services of Security and Logistics	
Xenopoulos, Marguerite	Trent University	Biology	Ontario	CANADA	10/18/2013	3	574 000	Strategic Projects/ Projets stratégiques	Linking regime shifts to carbon dynamics in Lake Erie	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Xia, Guangrui	The University of British Columbia	Materials Engineering	British Columbia/ Colombie-Britannique	CANADA	11/15/2013	2	40 000	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Modeling and simulations of SiGe interdiffusion and ion implantation in CSUPREM	
Xiao, Chijin	University of Saskatchewan	Physics and Engineering Physics	Saskatchewan	CANADA	10/18/2013	3	346 581	Strategic Projects/ Projets stratégiques	Control of plasma instabilities and flow velocity in the STOR-M tokamak by RMP and CT injection	
Yahia, Ammar	Université de Sherbrooke	Génie civil	Québec	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Valorisation de rebuts de granite (poudres et granulats) dans le béton de ciment	
Yahia, L'Hocine	École Polytechnique de Montréal	Génie mécanique	Québec	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Safety evaluation of nanomedical devices	
Yang, Jun	The University of Western Ontario	Mechanical and Materials Engineering	Ontario	CANADA	10/18/2013	3	400 800	Strategic Projects/ Projets stratégiques	Developing Robust, high-resolution, high-performance and low-cost printing technologies for making flexible and stretchable electronics and devices	
Yang, Tony	The University of British Columbia	Civil Engineering	British Columbia/ Colombie-Britannique	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Preliminary assessment of seismic vulnerability of tall buildings in Vancouver	
Ye, Qiang	University of Prince Edward Island	Computer Science and Information Technology	Prince Edward Island/ Île-du-Prince-Édouard	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Ultrasound-based Indoor Localization	
Yeow, Tze-Wei	University of Waterloo	Systems Design Engineering	Ontario	CANADA	10/18/2013	3	381 500	Strategic Projects/ Projets stratégiques	A cleanroom-free approach towards a robust CMUT-based High Resolution 3D NDT system	
Young, Edmond Wai Keung	University of Toronto	Mechanical and Industrial Engineering	Ontario	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Developing microfabrication methods for volume production of plastic microfluidic devices	
Youssef, Amr	Concordia University	Concordia Institute for Information Systems Engineering (CIISE)	Québec	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Methods and techniques for security assessment of Android apps	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Yu, Aiping	University of Waterloo	Chemical Engineering	Ontario	CANADA	12/13/2013	2	249 923	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Surface modification of graphene for electrochemical energy storage application	
Yuan, Fei	Ryerson University	Electrical and Computer Engineering	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Study of non-invasive real-time on-chip di/dt events	
Zahavich, Alex	Southern Alberta Institute of Technology	Applied Research and Innovation Services	Alberta	CANADA	10/18/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	"Tattletale" Reader Development Project	
Zahavich, Alex	Southern Alberta Institute of Technology	Applied Research and Innovation Services	Alberta	CANADA	10/18/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Post-Surgical Boot Prototype Project	
Zahavich, Alex	Southern Alberta Institute of Technology	Applied Research and Innovation Services	Alberta	CANADA	10/18/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Greenhouse Energy Performance	
Zahavich, Alex	Southern Alberta Institute of Technology	Applied Research and Innovation Services	Alberta	CANADA	10/18/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Wireless Vending Point of Sale project	
Zahavich, Alex	Southern Alberta Institute of Technology	Applied Research and Innovation Services	Alberta	CANADA	10/18/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Parachute Deployment Device	
Zahavich, Alex	Southern Alberta Institute of Technology	Applied Research and Innovation Services	Alberta	CANADA	10/18/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Respiratory Dose Delivery Device Design	
Zahavich, Alex	Southern Alberta Institute of Technology	Applied Research and Innovation Services	Alberta	CANADA	12/13/2013	1	25 000	Applied Research and Development Grants - Level 1/ Subventions de recherche et développement appliquée - niveau 1	Door Buck Field Study	
Zahavich, Alex	Southern Alberta Institute of Technology	Applied Research and Innovation Services	Alberta	CANADA	11/15/2013	1	75 000	Applied Research and Development Grants - Level 2/ Subventions de recherche et développement appliquée - niveau 2	Video and RFID Asset Recording Project	
Zhang, Jin	The University of Western Ontario	Chemical and Biochemical Engineering	Ontario	CANADA	12/13/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Synthesis and characterization of quantum dots-doped mesoporous powders	
Zhang, Qi-Jun	Carleton University	Electronics	Ontario	CANADA	10/18/2013	3	416 100	Strategic Projects/ Projets stratégiques	Cognition-Driven Modeling and Optimization Technology for Multi-Disciplinary Design of High-Frequency Components and Communication Subsystems	

Subventions et bourses du CRSNG
Du 10/01/2013 au 12/31/2013.

Nom	Établissement	Département	Province	Pays	Date	Versements	\$ Total	Programme	Titre	Commentaires
Zhao, Boxin	University of Waterloo	Chemical Engineering	Ontario	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Tribological Study of MemPore-Recovered Lube Oils from Innovative Membrane Filtration Process	
Zhao, Lian	Ryerson University	Electrical and Computer Engineering	Ontario	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	MCU-based data acquisition for structural health monitoring	
Zhitomirsky, Igor	McMaster University	Materials Science and Engineering	Ontario	CANADA	10/18/2013	3	208 500	Strategic Projects/ Projets stratégiques	Advanced flame retardant materials and fabrication methods	
Zhu, Zheng Hong	York University	Earth and Space Science and Engineering	Ontario	CANADA	11/15/2013	1	25 000	Engage Grants Program/ Programme de subventions d'engagement partenariat	Development of a functional autonomous rover mapping unit for mining application	
Zwiazek, Janusz	University of Alberta	Renewable Resources	Alberta	CANADA	11/15/2013	5	635 500	Collaborative Research and Development Grants/ Subventions de recherche et développement coopérative	Environmental influences of salinity resistance in forest plants	