

RDC Contractual Projects To November 8, 2017

Project Account	Project Title	Latest Approved Contribution	Latest Approved Total Project Costs	Fiscal Year
Memorial University	Canada Research Chair in North Atlantic Archaeology	\$ 500,000.00	\$ 1,803,959.00	2009-2010
Memorial University	Community-University Research of Recovery Alliance (Curra)	\$ 352,500.00	\$ 1,382,500.00	2009-2010
Memorial University	Effect of Vaginal Self-sampling on Cervical Cancer Screening Rates: A Community -based Study	\$ 180,115.00	\$ 360,230.00	2009-2010
Memorial University	Advanced Wireless Communication Research Lab (AWCRL)	\$ 222,819.00	\$ 756,452.00	2009-2010
Memorial University	Linkage of climate and geodynamics in development of plateaux at collisional plate margins: marine contributions to international study of the Central Anatolian Plateau	\$ 61,735.00	\$ 666,735.00	2009-2010
Memorial University	Innovative Environmental Policy Models in Newfoundland and Labrador's Oil Sector	\$ 24,160.00	\$ 24,160.00	2009-2010
Memorial University	Human Impacts on Boreal Lake Ecosystems	\$ 20,500.00	\$ 49,800.00	2009-2010
Memorial University	Operational Audit NL Inshore Fishery	\$ 120,000.00	\$ 702,394.00	2009-2010
Memorial University	Physiological mechanisms of plant adaptations to abiotic stress	\$ 70,000.00	\$ 80,000.00	2009-2010
Memorial University	Structure and Function of Marine Ecosystems	\$ 66,215.93	\$ 66,215.93	2009-2010
Memorial University	Fish Ecology	\$ 67,500.00	\$ 67,500.00	2009-2010
Memorial University	Parallel Computer Vision Algorithms for Real-time Processing on GPUs	\$ 50,000.00	\$ 50,000.00	2009-2010
Memorial University	Ecosystem Function	\$ 100,000.00	\$ 100,000.00	2009-2010
Memorial University	Multi-Display Visualization of Oceanographic Data	\$ 68,150.00	\$ 68,150.00	2009-2010
Memorial University	Canada Research Chair in Health Promotion and Community Development: Empowering lives by promoting healthy communities.	\$ 100,000.00	\$ 600,000.00	2009-2010
Memorial University	300 MHz NMR Spectrometer for Multinuclear Experiments	\$ 124,125.00	\$ 298,425.00	2009-2010
Memorial University	Understanding the Past to Build the Future	\$ 250,000.00	\$ 1,249,935.00	2009-2010
Memorial University	Fish Ecology Research Laboratory	\$ 90,716.00	\$ 203,641.00	2009-2010
Memorial University	Canada Research Chair in Ocean Technology	\$ 447,255.00	\$ 1,178,070.00	2009-2010
Memorial University	Autonomous Oceans Systems - Research in design, navigation and control	\$ 93,500.00	\$ 93,500.00	2009-2010
Memorial University	Computational Climatology Laboratory	\$ 50,000.00	\$ 80,000.00	2009-2010
Memorial University	The origin of creatine in milk and the regulation of its synthesis during lactation.	\$ 22,500.00	\$ 45,000.00	2009-2010
Memorial University	The Influence of Neonatal Diet on the Epigenetic Status of the Pig Genome.	\$ 11,000.00	\$ 22,000.00	2009-2010
Memorial University	Viruses and movement of genes between bacteria.	\$ 9,225.00	\$ 18,450.00	2009-2010
Memorial University	Digital Content Infrastructure for Human and Social Sciences	\$ 309,526.00	\$ 773,815.00	2009-2010
Memorial University	The Role of Integrin-Linked Kinase in Human Trophoblast Differentiation	\$ 158,814.00	\$ 317,628.00	2009-2010
Memorial University	A beta-adrenoceptor mediated memory circuit in rats	\$ 119,073.00	\$ 238,146.00	2009-2010
Memorial University	Atlantic Cod Genomics and Broodstock Development	\$ 183,050.00	\$ 1,121,794.00	2009-2010
Memorial University	Industrial Research Chair in Metallogeny of Ores in Volcanic and Sedimentary Basins	\$ 500,000.00	\$ 1,697,000.00	2009-2010
Memorial University	Investigation of the HLA Class II Antigen Presentation Pathway in Estrogen Receptor Negative and Estrogen Receptor Positive Breast Carcinoma.	\$ 22,500.00	\$ 45,000.00	2009-2010
Memorial University	MUN / Wood Group Chair in Arctic and Cold Region Engineering	\$ 500,000.00	\$ 1,915,833.00	2009-2010
Memorial University	SafetyNet Centre	\$ 131,000.00	\$ 787,928.00	2009-2010
Memorial University	Reconstructing subsistence, mobility patterns and the environmental context of Newfoundland and Labrador's prehistoric inhabitation	\$ 24,813.00	\$ 24,813.00	2009-2010
Memorial University	Process Engineering Design and Research Lab (PEDRL)	\$ 52,500.00	\$ 157,500.00	2009-2010
Memorial University	Canada Research Chair in Asset Integrity Management	\$ 140,000.00	\$ 280,000.00	2009-2010
Memorial University	The use of Lobsters in multi-trophic aquaculture	\$ 99,714.00	\$ 99,714.00	2009-2010
Memorial University	Genetic prognostic biomarkers correlated with survival in cancer patients from Newfoundland and Labrador	\$ 100,000.00	\$ 100,000.00	2009-2010
Memorial University	emSYSCAN - Embedded Systems Canada	\$ 276,977.00	\$ 692,442.00	2009-2010
2010-2011				
Oceans Limited	International collaboration for developing products from Newfoundland and Labrador seaweeds	\$ 8,175.00	\$ 10,900.00	2010-2011
Afinin Labs Inc	Stock Trade Recommendation System	\$ 112,671.00	\$ 215,991.05	2010-2011
Dynamic Air Shelters Ltd	Development & Improvements to the Dynamic Blast Resistant Air-Beam Shelter	\$ 249,978.00	\$ 999,978.00	2010-2011
Virtual Marine Technology Inc	Impacts of Enhanced 3D Visualization on Presence	\$ 12,300.00	\$ 20,400.00	2010-2011
Rutter Inc	Radar Data Collection Program	\$ 211,900.00	\$ 423,800.00	2010-2011
WYSE Design & Development Inc	Development of a Hand Operated Portable Winch	\$ 11,250.00	\$ 15,000.00	2010-2011
Quinlan Brothers Ltd	Advanced Crab Butchering Technology	\$ 176,715.00	\$ 463,736.00	2010-2011
Marport Canada Inc	Testing and evaluation in the Marine Institute Flume Tank of the performance of a patent pending propulsion control system for an AUV	\$ 11,475.00	\$ 15,300.00	2010-2011
Vonin Canada Ltd	Performance evaluation of prototype shrimp trawl	\$ 12,947.00	\$ 17,347.00	2010-2011
6574262 Canada Inc	Formulant preparation of CLO1 as a biocontrol agent for use on Quebec wheat farms for the control of Fusarium disease in wheat	\$ 13,125.00	\$ 17,500.00	2010-2011
Cathexis Innovations Inc	IDBLUE R8.HF Compliance Testing	\$ 15,000.00	\$ 21,565.00	2010-2011
ATS Transport Systems Inc	Full-Scale Prototype Development Project	\$ 195,878.00	\$ 619,408.00	2010-2011
Altera Newfoundland Technology Corporation	Verification and Validation - V-ASSP Model	\$ 115,192.00	\$ 165,589.00	2010-2011
PanGeo Subsea	SBI Development	\$ 15,000.00	\$ 50,000.00	2010-2011
Root Four Imagination Inc	Development of Simplified Manufacturer Independent Vehicle Data Communication Interface	\$ 225,375.00	\$ 300,500.00	2010-2011
Mad Rock Marine Solutions Inc	Fast Rescue Craft/Man Overboard Boat Offload Release Hook	\$ 45,981.00	\$ 68,575.00	2010-2011
St. Anthony Cold Storage Limited	Harvesting Ice Pilot Project	\$ 15,000.00	\$ 20,300.00	2010-2011
PanGeo Subsea	Developing Sub-Bottom Imager Capability for AUV operations	\$ 250,000.00	\$ 587,597.50	2010-2011
Memorial University	The effect of extended holding on the condition, physiology, and stress response of the blue mussel, Mytilus edulis	\$ 46,000.00	\$ 46,000.00	2010-2011
Memorial University	Development of camelina as a replacement for fish meal and oil in the diets for cod, salmon and trout aquaculture	\$ 99,000.00	\$ 99,000.00	2010-2011
Memorial University	Occurrence of inbreeding in cultivated Atlantic cod and possible affects on offspring	\$ 20,500.00	\$ 20,500.00	2010-2011
Memorial University	Atlantic Cod (Gadus morhua) Feeding for Ecosystem-based Management and Sustainability in Newfoundland and Labrador Marine Ecosystems	\$ 46,000.00	\$ 46,000.00	2010-2011
Memorial University	Development of real-time marine water monitoring micro-fluidic devices	\$ 99,000.00	\$ 99,000.00	2010-2011
Memorial University	The use of a high definition underwater camera to observe the behaviour of yellowtail flounder in the mouth of a commercial bottom trawl	\$ 23,000.00	\$ 23,000.00	2010-2011
Memorial University	Modeling of Landslides	\$ 99,000.00	\$ 99,000.00	2010-2011
Memorial University	Modelling propeller wake wash with applications in offshore ice management	\$ 23,000.00	\$ 23,000.00	2010-2011
Memorial University	A novel approach to characterize the membrane-disrupting activity of antimicrobial peptides using 2H solid-state NMR of whole escherichia coli	\$ 23,000.00	\$ 23,000.00	2010-2011
Memorial University	Near Wellbore Streamline Modeling for Advanced Well Completions	\$ 23,000.00	\$ 23,000.00	2010-2011
Memorial University	Development of tools for the assessment of pipeline mechanical integrity during coupled ice keel/seabed/pipeline interaction events	\$ 99,000.00	\$ 99,000.00	2010-2011
Memorial University	Synthesis of polysiloxane materials for antifouling and anticorrosion coating	\$ 9,000.00	\$ 9,000.00	2010-2011
Memorial University	Effect of simulator training on novice operators' abilities to navigate in ice	\$ 23,000.00	\$ 23,000.00	2010-2011
Memorial University	"Green" transformations of chitosan and glucosamine	\$ 9,000.00	\$ 9,000.00	2010-2011
Memorial University	SELECTION OF A FINITE ELEMENT METHOD FOR MODELLING THE EFFECTS OF SUBGOUGE SOIL DEFORMATIONS ON SUBSURFACE PIPELINES: A COMPARISON OF ALE AND CEL METHODS	\$ 23,000.00	\$ 23,000.00	2010-2011

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Memorial University	The mineralogy and form of Rare Earth Element and Rare Metal mineralization in the Red Wine District, Central Lab.	\$ 53,200.00	\$ 91,950.00	2011-2012
Memorial University	Examination of sulphide mineral breakdown in the Voisey's Bay sulphide mineralization and the natural sealing of sulphide bodies from oxidation	\$ 49,650.00	\$ 415,700.00	2011-2012
Memorial University	Biogeochemical "fingerprinting" of Voisey's Bay Ni-Cu-Co sulphide mineralization, northern Labrador	\$ 50,700.00	\$ 94,000.00	2011-2012
Memorial University	Evaluation of regional alteration, geochemical, and isotopic haloes around the Voisey's Bay sulphide deposits	\$ 48,400.00	\$ 104,200.00	2011-2012
Memorial University	Mineralogy, age and origin of rare metals at the Fox Harbour property, Port Hope Simpson, SE Labrador	\$ 50,000.00	\$ 108,216.82	2011-2012
Memorial University	Provenance of Jurassic-Cretaceous reservoir sandstones from the Flemish Pass and Orphan Basins, offshore NL	\$ 50,000.00	\$ 85,000.00	2011-2012
Memorial University	Gravimeter for Academic/Industry Training and Research	\$ 91,144.25	\$ 108,994.25	2011-2012
Memorial University	Detecting and Quantifying Baseline Heavy Metal Ion Concentrations in Lake Water and in Effluents from the Long Harbour Hydromet Processes Using Calixarene-Functionalized Cantilever Sensors	\$ 250,000.00	\$ 370,000.00	2011-2012
Memorial University	Mapping Public Health for the Future	\$ 59,906.00	\$ 59,906.00	2011-2012
Memorial University	Corrosion resistance of high performance self consolidating concrete in offshore structures	\$ 96,063.00	\$ 96,063.00	2011-2012
Memorial University	Recovery of Precious Metals via Biosorption and Biocrystallization	\$ 91,000.00	\$ 91,000.00	2011-2012
Memorial University	Mobilization of arsenic, uranium and fluorine in groundwater aquifers in Newfoundland and Labrador	\$ 100,000.00	\$ 100,000.00	2011-2012
INTECSEA Canada	Asset Integrity of Subsea Equipment for Arctic and Cold Region Hydrocarbon Production	\$ 60,000.00	\$ 160,000.00	2011-2012
College of the North Atlantic (CNA)	Applied Research in Graphic Arts for Advanced Rapid Prototyping and Product Fabrication	\$ 99,500.00	\$ 99,500.00	2011-2012
Memorial University	Identification of blood lipids that may influence coronary artery disease	\$ 100,000.00	\$ 100,000.00	2011-2012
WYSE Design & Development Inc	Development of a Hand Operated Portable Winch	\$ 30,425.00	\$ 40,566.67	2011-2012
Memorial University	Animal Memory and Cognition Lab	\$ 89,204.98	\$ 177,074.00	2011-2012
Memorial University	Remote Monitoring of Offshore Process and Equipment	\$ 91,500.00	\$ 91,500.00	2011-2012
Verafin Inc.	Verafin Integration 2.0	\$ 249,959.38	\$ 382,812.50	2011-2012
Memorial University	Diet and the Early Development of Atlantic Cod	\$ 233,640.00	\$ 502,280.00	2011-2012
Memorial University	Enabling biological interpretation of large-scale genomic data for poorly annotated fish species	\$ 70,640.00	\$ 70,640.00	2011-2012
Fisheries and Marine Institute	Fishing Vessel Stability Simulator	\$ 136,751.00	\$ 377,519.00	2011-2012
Memorial University	Biodiesel from fish oil via enzyme transesterification	\$ 32,000.00	\$ 82,725.00	2011-2012
Memorial University	Integrating scientific and fishers' ecological knowledge into a GIS for the Yellowtail Flounder fishery	\$ 15,333.33	\$ 15,333.33	2011-2012
Memorial University	The ventilation and burrowing behaviour of thyasirid clams (Bivalvia: Thyasiridae)	\$ 15,333.33	\$ 15,333.33	2011-2012
Memorial University	Biophysical interactions regulating connectivity during the early life history of American Lobster (homarus americanus)	\$ 97,000.00	\$ 97,000.00	2011-2012
Memorial University	Evaluation of the stability, motions and resistance characteristics of the Propelled spar Concept	\$ 15,333.33	\$ 15,333.33	2011-2012
Memorial University	Offshore gas processing and waste gas recovery using novel membrane technology	\$ 66,000.00	\$ 66,000.00	2011-2012
Memorial University	Evolutionary and ecological implications of interaction between wild and farmed Atlantic Cod (Gadus morhua).	\$ 66,000.00	\$ 66,000.00	2011-2012
Memorial University	The Ocean Network Seafloor Instrumentation	\$ 33,000.00	\$ 33,000.00	2011-2012
Memorial University	Analysis of Compressive Ice Failure during Ice-structure Interaction.	\$ 15,333.33	\$ 15,333.33	2011-2012
Memorial University	Offshore Subsurface Seismic Surveying using Autonomous Underwater Vehicles	\$ 9,000.00	\$ 9,000.00	2011-2012
Memorial University	An Integrated Ballast Water Management System for Vessels Operate in Harsh Environments	\$ 77,000.00	\$ 77,000.00	2011-2012
Memorial University	Development of a integrated simulation-based neural fuzzy optimization system for supporting persistent organic pollution control and site remediation in cold regions	\$ 41,000.00	\$ 41,000.00	2011-2012
Memorial University	The roles of melanin-concentrating hormone (MCH) and gonadotrophin-releasing hormone (GnRH) in teleost fish appetite regulation and reproduction	\$ 64,000.00	\$ 64,000.00	2011-2012
Memorial University	Finite element modeling of offshore pipelines using advanced soil constitutive model	\$ 23,000.00	\$ 23,000.00	2011-2012
Memorial University	Otolith morphology and elemental fingerprinting for analysis of mixed cod stocks in NAFO Sub-division 3Ps	\$ 46,000.00	\$ 46,000.00	2011-2012
Memorial University	Risk Based Fault Detection and Diagnosis in Offshore Process Plants	\$ 66,000.00	\$ 66,000.00	2011-2012
Memorial University	SAR Detection in Cluttered Environments	\$ 77,000.00	\$ 77,000.00	2011-2012
Memorial University	Design and Optimization of Inertial MEMS-Based Accelerometer Sensors for Under-Ice/Water Navigation System	\$ 30,666.66	\$ 30,666.66	2011-2012
Memorial University	Variation in Opportunistic Polychaete Complexes in relation to habitat type & environmental conditions...	\$ 23,000.00	\$ 23,000.00	2011-2012
Memorial University	Tensile Strain Capacity of Pipelines	\$ 46,000.00	\$ 46,000.00	2011-2012
Memorial University	Oligo-1, 8-pyrenes as fluorescent sensors for wastewater and other contaminants	\$ 9,000.00	\$ 9,000.00	2011-2012
ExtremeOcean Innovation Inc	TransPAR Craft	\$ 111,800.00	\$ 172,000.00	2011-2012
Memorial University	Three dimensional Ichology and Shale gas Reservoir Fabrics: a new angle on a new hydrocarbon resources	\$ 290,675.00	\$ 1,151,981.58	2011-2012
Memorial University	Developing Camelina as the Next Canadian Oilseed	\$ 200,000.00	\$ 1,440,672.00	2011-2012
C-CORE	Gas Hydrates Characterization of the Newfoundland Continental Margin: Resources and Geohazards	\$ 150,500.00	\$ 294,588.00	2011-2012
College of the North Atlantic (CNA)	Wave Pump Application, Development and Optimization	\$ 496,115.00	\$ 3,493,735.00	2011-2012
Memorial University	Seafloor mapping for onshore/offshore bedrock correlation in offshore basins, western NL	\$ 162,400.00	\$ 312,400.00	2011-2012
Memorial University	MITACS Accelerate Industrial Research Internship Program - Newfoundland and Labrador	\$ 500,000.00	\$ 1,907,500.00	2011-2012
Memorial University	Infrastructure for Cold-Water and Deep-Sea Research	\$ 10,475,477.00	\$ 22,571,597.00	2011-2012
Quinlan Brothers Ltd	Advanced Crab Butchering Technology	\$ 176,715.00	\$ 463,736.00	2011-2012
Memorial University	Fish Genomics Research Infrastructure	\$ 130,680.00	\$ 322,535.00	2011-2012
Memorial University	Fish Genomics Researcher	\$ 100,000.00	\$ 600,000.00	2011-2012
Memorial University	Rational Drug Design via Biophysical Studies of Membrane Proteins (Graduate Students)	\$ 100,000.00	\$ 688,750.00	2011-2012
Memorial University	Rational Drug Design via Biophysical Studies of Membrane Proteins	\$ 140,574.00	\$ 240,574.00	2011-2012
Memorial University	Virtual Environments for Knowledge Mobilization	\$ 500,000.00	\$ 4,015,442.00	2011-2012
Memorial University	Laser Applications Laboratory	\$ 346,797.00	\$ 815,695.05	2011-2012
Memorial University	An isotope ratio mass spectrometer for tracking pathways of carbon flow within extreme and changing environments	\$ 112,931.00	\$ 262,931.00	2011-2012
Memorial University	Viral and Cellular Determinants of Hepatitis C Virus Assembly	\$ 100,000.00	\$ 305,221.00	2011-2012
Memorial University	Capturing the Fluid Phases at the Pore Scale	\$ 99,500.00	\$ 129,920.00	2011-2012
Memorial University	Infrastructure for exploiting natural chemical and isotopic tracers to assess the impact of climate change on Newfoundland and Labrador boreal forest carbon reservoirs.	\$ 104,091.00	\$ 255,402.00	2011-2012
Oceans Limited	Natural Health Products from NL Seaweed	\$ 167,012.85	\$ 296,025.70	2011-2012
Virtual Marine Technology Inc	Development of an Embedded Marine Bridge Navigation Equipment Trainer Prototype	\$ 249,938.00	\$ 456,038.18	2011-2012
Memorial University	Examining the impacts of human disturbances and climate change on carbon cycling of northern peatlands	\$ 100,000.00	\$ 100,000.00	2011-2012
Memorial University	Genetic Study of Osteoarthritis in the Newfoundland and Labrador Population	\$ 100,000.00	\$ 100,000.00	2011-2012
Memorial University	Identification of novel genes causing pulmonary fibrosis	\$ 111,812.00	\$ 223,624.00	2011-2012
Memorial University	Characterization of a Novel Virulence Factor Produced by the Potato Pathogen Streptomyces scabies	\$ 100,000.00	\$ 100,000.00	2011-2012
Memorial University	The Canadian Longitudinal Study on Aging: Understanding the complexity of aging health through interdisciplinary research	\$ 500,000.00	\$ 2,471,154.11	2011-2012

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Memorial University	A Cross-sectional and Case-control Analysis of Physically Independent and Physically Dependent Cohorts of Octogenarians: Part One of the Life After 80 Study	\$ 89,653.00	\$ 179,306.00	2013-2014
Memorial University	High Performance Scientific Computing Infrastructure for Canada Research Chair in glacial Dynamics Modelling	\$ 141,476.50	\$ 241,476.50	2013-2014
Memorial University	Canada Research Chair in Glacial Dynamics Modelling	\$ 100,000.00	\$ 600,000.00	2013-2014
Memorial University	CAVUS: Automated non-invasive monitoring of volume status in the critically ill using ultrasonography	\$ 100,000.00	\$ 100,000.00	2013-2014
Oceans Limited	Hydrodynamic characterization of a tidal turbine test site in Minas Passage, Bay of Fundy	\$ 40,900.00	\$ 120,900.00	2013-2014
Memorial University	Characterization and Development of Novel Materials and Coatings for Aircraft materials Integrity in Harsh Environments	\$ 300,000.00	\$ 600,000.00	2013-2014
Memorial University	Multiphase Flow and Heat Transfer in Offshore Energy Applications	\$ 100,000.00	\$ 100,000.00	2013-2014
Memorial University	ArcticENGINEER Enrichment Program	\$ 104,800.00	\$ 109,600.00	2013-2014
Rambler Metals and Mining Canada Limited	Former Rambler Mine Tailings Recovery Program	\$ 186,668.00	\$ 248,896.72	2013-2014
Rambler Metals and Mining Canada Limited	Recovery of Copper from Rambler Footwall Zone Ore	\$ 250,000.00	\$ 372,668.00	2013-2014
Memorial University	Assessment of natural and enhanced attenuation of acid mine drainage (AMD) at the former Consolidated Rambler and Gullbridge Mine sites	\$ 24,244.00	\$ 49,534.64	2013-2014
Memorial University	Identifying Intervention to Increase Breastfeeding Duration in Newfoundland & Labrador	\$ 22,500.00	\$ 45,000.00	2013-2014
PanGeo Subsea	Evaluating Acoustic Methods to Mitigate Risk in the Preparation of Glory Holes in Complex Soils	\$ 500,000.00	\$ 1,925,000.00	2013-2014
Camouflage Software Inc	SQL Masking Engine	\$ 87,968.00	\$ 211,877.00	2013-2014
Frost Heave Solutions	Frostwick PermaShield Performance Evaluation Testing	\$ 15,000.00	\$ 21,525.00	2013-2014
Radiant360 Solutions Inc.	Process Safety Asset Management for Oil & Gas	\$ 243,919.00	\$ 650,062.00	2013-2014
Memorial University	Diet and the Early Development of Atlantic Cod	\$ 233,640.00	\$ 502,280.00	2013-2014
Lester Farms Inc	Adaptation of Aquaponics Technology to Newfoundland	\$ 249,859.00	\$ 1,200,385.00	2013-2014
SULUS Subsea Corporation	ISEA: Independent Submersible Environmental Analysis	\$ 245,250.00	\$ 327,000.00	2013-2014
Memorial University	SmartICE (Sea Ice Monitoring and Real-Time Information for Coastal Environments)	\$ 250,000.00	\$ 450,000.00	2013-2014
Memorial University	GPU-Based High Performance Computer for Geophysical Applications	\$ 79,496.00	\$ 158,993.00	2013-2014
Memorial University	Design of Mechanical Components and Novel Robot Concepts for High Speed Manipulation	\$ 100,000.00	\$ 100,000.00	2013-2014
Memorial University	Design of functionalized Single-Walled Carbon Nanotube for Drug Delivery	\$ 100,000.00	\$ 100,000.00	2013-2014
Memorial University	Compositional and isotopic characterization of complex organic samples for the study of origin and preservation of hydrocarbons and biological tissues	\$ 110,212.00	\$ 277,230.00	2013-2014
Memorial University	Mechanisms of genome mutators governing adaptive immunity and lymphomagenesis	\$ 95,701.00	\$ 220,829.20	2013-2014
Beaufort Solutions Inc	Photo Commerce Server - Enhanced Deployment and Technology	\$ 163,152.00	\$ 659,042.00	2013-2014
Memorial University	Quantitative food web modelling of changes in species interactions within a key Newfoundland and Labrador fishery ecosystem.	\$ 99,000.00	\$ 99,000.00	2013-2014
Memorial University	Validated Engineering Tool for Pipeline Mechanical Damage Assessment and Fatigue Life Estimation	\$ 99,000.00	\$ 99,000.00	2013-2014
Memorial University	Design and development of a vibration assisted rotary drilling system: An offshore drilling simulator for MODUs, deep water environments	\$ 75,666.66	\$ 75,666.66	2013-2014
Memorial University	Improving Dynamic Positioning Control System Performance for Stationkeeping Operations in Ice Covered Waters	\$ 28,166.66	\$ 28,166.66	2013-2014
Memorial University	Comparison of the health and condition of cultured mussels from deep water and shallow water sites in Newfoundland with reference to environmental conditions, condition index, physiological stress and	\$ 77,000.00	\$ 77,000.00	2013-2014
Memorial University	Development of a Numerical Model of an Unmanned Surface Craft	\$ 23,000.00	\$ 23,000.00	2013-2014
Memorial University	Mineralogy, texture and provenance of Egret Member hydrocarbon source rocks in Flemish Pass Basin and Central Ridge, Offshore Newfoundland, Canada	\$ 46,000.00	\$ 46,000.00	2013-2014
Memorial University	Studying the Impact of Sustainable Aquaculture Feed Components on Salmonid Intestine Gene Expression and Health	\$ 46,000.00	\$ 46,000.00	2013-2014
Memorial University	Engineering Simulation Tool for the Reel-Lay Installation of Lined Pipe	\$ 46,000.00	\$ 46,000.00	2013-2014
Memorial University	Full scale motion analysis comparison to model tests of the TransPAR craft	\$ 46,000.00	\$ 46,000.00	2013-2014
Memorial University	Surfactant and Foam Assisted Water Alternating Gas Techniques for Enhanced Oil Recovery	\$ 23,000.00	\$ 23,000.00	2013-2014
Memorial University	The effect of virtual training on situation awareness and behavior in simulated emergency scenarios	\$ 38,333.33	\$ 38,333.33	2013-2014
Memorial University	Fisheries and aquaculture related biometrics of the sea cucumber Cucumaria frondosa: resistance to stress and influence of diet on lipid composition	\$ 46,000.00	\$ 46,000.00	2013-2014
Memorial University	Production of Oil-Based Biosurfactants for Bioremediation of Newfoundland Offshore Oil Spills	\$ 99,000.00	\$ 99,000.00	2013-2014
Memorial University	Thermodynamic and Constitutive Behaviour of Ice under High Confining Pressures	\$ 99,000.00	\$ 99,000.00	2013-2014
Oceans Limited	Development of Bioindicators for assessing the effects of hydrocarbons on marine invertebrates	\$ 37,000.00	\$ 117,000.00	2013-2014
Memorial University	Permafrost Thaw and Frost Heave Effects on Arctic Pipelines	\$ 121,600.00	\$ 189,000.00	2013-2014
Memorial University	ACEnet - The Atlantic Computational Excellence Network	\$ 1,549,457.40	\$ 5,734,909.40	2013-2014
Memorial University	Molecular and biochemical research laboratory for studying pathogenic and industrially relevant microorganisms	\$ 80,139.00	\$ 197,907.00	2013-2014
Memorial University	A Biophysical Study of Weight Regain in Obesity	\$ 98,500.00	\$ 98,500.00	2013-2014
Memorial University	Infrastructure for the characteristics of particulate matter and dissolved chemical species in water, soil and groundwater environments	\$ 61,777.00	\$ 148,583.00	2013-2014
Memorial University	Spatial Distribution and Ecosystem Dynamics of Moose in Newfoundland	\$ 92,555.00	\$ 92,555.00	2013-2014
Memorial University	Understanding sea lice dynamics on salmon farms in Newfoundland	\$ 94,219.44	\$ 94,219.44	2013-2014
Memorial University	Health and Fitness Demographics of Workers in the Newfoundland and Labrador Offshore Oil and Gas Industry	\$ 100,000.00	\$ 100,000.00	2013-2014
Virtual Marine Technology Inc	Development of an Embedded Marine Bridge Navigation Equipment Trainer Prototype	\$ 249,938.00	\$ 456,038.18	2013-2014
Memorial University	Optimizing brain plasticity and recovery after stroke	\$ 99,998.00	\$ 99,998.00	2013-2014
Memorial University	Identification and Validation of Novel Metabolic Biomarkers for Osteoarthritis	\$ 192,104.00	\$ 384,208.00	2013-2014
Memorial University	Sensing System of Detection and Tracking of Oil in Marine Waters in Harsh Climates	\$ 300,000.00	\$ 3,056,792.00	2013-2014
Memorial University	Resource Allocation in Coded Cooperative Relay for Cognitive Radio Networks	\$ 99,195.00	\$ 99,195.00	2013-2014
Indigena Enterprises Inc	Extraction of antioxidant compounds from berry plants grown in Newfoundland	\$ 15,000.00	\$ 22,375.00	2013-2014
Memorial University	High Speed Thermal Imaging System	\$ 96,416.00	\$ 242,794.00	2013-2014
Memorial University	Hypothalamic control of energy balance and food reinforcement	\$ 158,514.00	\$ 317,028.00	2013-2014
Memorial University	Understanding habitat use of Newfoundland and Labrador Atlantic halibut to improve stock management	\$ 100,000.00	\$ 100,000.00	2013-2014
Memorial University	Towards cleaner energy and environment: the case of metal-organic network solids	\$ 30,119.00	\$ 30,119.00	2013-2014
Memorial University	Mineralogical, Geochemical, Geochronological Study of the Valentine Lake Gold Property	\$ 85,673.01	\$ 103,173.01	2013-2014
Indigena Enterprises Inc	Extraction of antioxidant compounds from berry plants grown in Newfoundland	\$ 15,000.00	\$ 22,375.00	2013-2014
Semintha Nutraceuticals Ltd	Formulation of birch sap beverages	\$ 12,437.25	\$ 16,583.00	2013-2014
Memorial University	Development of biosurfactant-based dispersants and associated technologies for offshore oil spill in harsh environments	\$ 190,281.38	\$ 381,281.38	2013-2014
INTECSEA Canada	Testing of Fiber Optic Cable Distributed Sensing Leak Detection System for Arctic and Cold Region Applications-Phase 1, Execution Planning and Cost Estimate	\$ 125,000.00	\$ 391,632.00	2013-2014
Eastern Composite Services Inc	Electro-Chemical Stripping of Nickel Dimensionally Stable (DSA) Anodes	\$ 248,706.00	\$ 347,181.00	2013-2014
Memorial University	SEAformatics Technology Demonstration Project	\$ 250,000.00	\$ 1,402,906.00	2013-2014
Memorial University	Enhanced Ozonation Treatment for Offshore Produced Water Effluents	\$ 57,694.00	\$ 115,388.00	2013-2014
PAL Aerospace Ltd	Night-Flash Illumination System	\$ 499,492.00	\$ 887,264.00	2013-2014
Memorial University	Integrated knowledge framework to assess multifunctional demands on boreal forest ecosystem	\$ 80,000.00	\$ 80,000.00	2013-2014

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Memorial University	Regional Collaboration Research Initiative	\$ 89,035.00	\$ 107,035.00	2013-2014
Port Electric Solutions Inc	Marine 32-Bit Microcontroller Based LED Navigation Lighting Control Panel	\$ 41,730.00	\$ 468,116.00	2013-2014
SubC Control Ltd	Integrated 3D Camera, Pan and Tilt and 3D Handling Software	\$ 429,750.00	\$ 1,899,432.00	2013-2014
Memorial University	Weatherproof Satellite Data Communication Devices and Application to Arctic Remote Monitoring Platform	\$ 246,000.00	\$ 301,600.00	2013-2014
GRI Simulations	Integrated Subsea Seismic Visualization	\$ 60,000.00	\$ 209,494.00	2013-2014
Memorial University	The role of synaptic plasticity in the lateral hypothalamus: Implications for energy homeostasis and obesity	\$ 52,500.00	\$ 105,000.00	2013-2014
Memorial University	Research Tools for Process Optimization and Characterization of biodegradable and Renewable Polymers	\$ 160,215.23	\$ 320,625.82	2013-2014
Memorial University	Functional characterization of the Gct1 gene product in a mouse ovarian tumour model: genetics, biology and translation	\$ 52,500.00	\$ 105,000.00	2013-2014
Memorial University	Enhancing Native Pollinators in Commercial Cranberry Fields For Increased Yield	\$ 100,000.00	\$ 100,000.00	2013-2014
Memorial University	Laboratory evaluation of the use of biochar application on sulfidic mine tailings to reduce acid generation and increase immobilization of metals	\$ 100,000.00	\$ 100,000.00	2013-2014
Dawson, Laura	RISE 2013/14	\$ 7,000.00	\$ 7,000.00	2013-2014
La Prairie, Bridget	RISE 2013/14	\$ 7,000.00	\$ 7,000.00	2013-2014
Loredo, Pallas	RISE 2013/14	\$ 6,100.00	\$ 6,100.00	2013-2014
Little, Kaitlyn	RISE 2013/14	\$ 12,900.00	\$ 12,900.00	2013-2014
Connors, Michael	RISE 2013/14	\$ 12,000.00	\$ 12,000.00	2013-2014
Dunne, Catherine	RISE 2013/14	\$ 6,100.00	\$ 6,100.00	2013-2014
Zhang, Zhipu	RISE 2013/14	\$ 7,000.00	\$ 7,000.00	2013-2014
Hansen, Terriah	RISE 2013/14	\$ 6,100.00	\$ 6,100.00	2013-2014
Taylor, Darcy	RISE 2013/14	\$ 6,100.00	\$ 6,100.00	2013-2014
Crocker, Sophia	RISE 2013/14	\$ 7,000.00	\$ 7,000.00	2013-2014
Qlu, Christopher	RISE 2013/14	\$ 12,900.00	\$ 12,900.00	2013-2014
Hunt, Colin	RISE 2013/14	\$ 7,000.00	\$ 7,000.00	2013-2014
Trask, Isaac	RISE 2013/14	\$ 7,000.00	\$ 7,000.00	2013-2014
Memorial University	Cleaner Fish-Developing Tools and Solutions to Mitigate and Control Sea Lice on Cultured Atlantic Salmon	\$ 174,000.00	\$ 702,012.00	2013-2014
Northern Radar Inc	OceanView - HFSWR for Remote Ocean Sensing	\$ 152,550.00	\$ 900,536.00	2013-2014
C-CORE	The Mechanics of Ice Rubble: Enhancements to the Development of Ice Ridge Keel Strengths (DIRKS) project	\$ 586,000.00	\$ 1,278,000.00	2013-2014
Memorial University	OmOptics: Orthogonal Frequency Division Multiplexing Technology for Terabit Optical Transport Networks	\$ 365,000.00	\$ 2,857,916.00	2013-2014
Oceans Limited	Bio-assay Guided Fractionation of Selected Newfoundland and Labrador Seaweeds to Standardize Bioactivity in Natural Health Products	\$ 37,000.00	\$ 117,000.00	2013-2014
Search Minerals Inc	Search Minerals Inc: Development of Innovative Technologies for the Recovery and refining of Rare Earth Elements from Ore Mined in Labrador	\$ 112,500.00	\$ 300,000.00	2013-2014
Memorial University	Arctic Sparrow	\$ 245,000.00	\$ 445,000.00	2013-2014
C-CORE	Seasonal Break-Up and Drift of the Outer Coastal Ice Along the Southern Labrador Ports	\$ 100,000.00	\$ 100,000.00	2013-2014
C-CORE	Validation of pressure-area scale effect and extreme design forces using full scale measured ship ram data	\$ 125,700.00	\$ 387,020.00	2013-2014
Memorial University	Extending Functionality of Evacuation Systems in Pack Ice	\$ 95,051.48	\$ 420,663.93	2013-2014
NOCLAND Business Inc	Creating Algorithms to allow six-sigma management of SNMP collected data and simulate monitoring and control in mock Operation Lab environment	\$ 84,300.00	\$ 208,393.00	2013-2014
Memorial University	Knowledge of the factors affecting the antioxidant properties in partridgeberry will lead to a more profitable berry harvest in Newfoundland	\$ 99,849.00	\$ 99,849.00	2013-2014
Memorial University	Geotechnical properties and stratigraphy of quaternary sediments on the continental slope of the Salar Basin	\$ 100,000.00	\$ 100,000.00	2013-2014
Memorial University	Bioprocessing strategy for the production of biodiesel and other value added products from salmon waste	\$ 100,000.00	\$ 100,000.00	2013-2014
Memorial University	ABS Harsh Environment Research Program	\$ 525,000.00	\$ 1,050,000.00	2013-2014
Memorial University	Ultra-High Resolution Chemical Mapping: Tip-enhanced Raman Spectroscopy (TERS) System	\$ 100,000.00	\$ 250,000.00	2013-2014
Memorial University	Subtype classification for short-term and long-term survival in colorectal cancer-reducing health care costs and personalizing treatment of colorectal cancer for Newfoundland patients	\$ 100,000.00	\$ 100,000.00	2013-2014
Seamatica Aerospace Ltd	3D Ground-based Radar for Safe Small Unmanned Aircraft System (UAS) Operations and Testing	\$ 249,670.00	\$ 388,361.15	2013-2014
College of the North Atlantic (CNA)	Soil Gas Exploration for Hydrocarbon and Mineral Deposits in Newfoundland and Labrador	\$ 65,000.00	\$ 426,072.54	2013-2014
Kean Marine Inc	Iceberg Harvesting, Transport and Storage	\$ 248,700.00	\$ 345,328.00	2013-2014
Seashore Consultants Limited	Pilot Project for Vessel Safety Management	\$ 239,579.00	\$ 385,770.00	2013-2014
Memorial University	Formate Metabolism in Vivo	\$ 8,750.00	\$ 17,500.00	2013-2014
Acoustic Zoom Inc	A High-Performance Processing System for the Acoustic Zoom Seismic Method	\$ 475,000.00	\$ 1,250,000.00	2013-2014
Memorial University	Diagnostic Devices for Effective Clinical Management of Common, Debilitating Diseases	\$ 253,611.00	\$ 4,484,988.00	2013-2014
Memorial University	Research Tools for Process Optimization and Characterization of biodegradable and Renewable Polymers	\$ 160,215.23	\$ 320,625.82	2013-2014
Memorial University	Modelling of Corrosion Under Insulation(CUI) In Offshore Petroleum Applications in Harsh Arctic Environments	\$ 247,600.00	\$ 373,600.00	2013-2014
Memorial University	The Ethical Inclusion of Adolescents in Canadian Health Research	\$ 55,000.00	\$ 110,000.00	2013-2014
Memorial University	LC-MS Instrument for the Identification and Characterization of Organic Compounds	\$ 159,596.00	\$ 315,583.00	2013-2014
C-CORE	Centre for Arctic Research and Development Building Expansion	\$ 4,145,000.00	\$ 17,290,000.00	2013-2014
Aurora Energy Limited	Raman Spectroscopy in uranium exploration	\$ 92,574.00	\$ 140,994.00	2013-2014
C-CORE	Offshore Pipelines Thermal Analysis	\$ 100,000.00	\$ 220,000.00	2013-2014
Oceans Limited	Effects of intermittent sub-acute exposure to hydrocarbons on select bioindicators of representative fish species of Newfoundland and Labrador	\$ 14,971.69	\$ 19,962.26	2013-2014
2014-2015				
Integrated Informatics Inc	Environmental Effects Monitoring Data Management System (EEDMS)	\$ 148,968.76	\$ 315,004.02	2014-2015
C-CORE	Research Expedition to UNIS	\$ 77,500.00	\$ 77,500.00	2014-2015
Memorial University	Advanced Automatic Target Recognition	\$ 100,000.00	\$ 100,000.00	2014-2015
adfinium Networks Inc	Social Media Advertising Monitoring	\$ 249,550.00	\$ 389,276.00	2014-2015
Rutter Inc	Advanced Oil and Ice Analysis	\$ 500,000.00	\$ 1,456,300.00	2014-2015
Canatec Associates International Ltd	An R&D Project to Innovate the Next Generation of Personal Locator Beacons for Improving Arctic Marine Search and Rescue Operations	\$ 744,389.00	\$ 2,288,172.54	2014-2015
AMEC Americas Ltd.	Integrated Ice Management & Forecasting Framework "Openice"	\$ 500,000.00	\$ 1,092,200.00	2014-2015
Rambler Metals and Mining Canada Limited	Former Rambler Mine Tailings Recovery Program	\$ 186,668.00	\$ 248,896.72	2014-2015
Memorial University	ArcticENGINEER Enrichment Program	\$ 195,800.00	\$ 208,600.00	2014-2015
Memorial University	Ice Ocean Sentinel System (IOSS)	\$ 500,000.00	\$ 7,021,908.00	2014-2015
Memorial University	Cytomegalovirus Immune Memory Inflation and Immunosenescence in Human Immunodeficiency Virus Infection	\$ 137,878.00	\$ 275,756.00	2014-2015
Kvaerner Canada Limited	Deepwater Arctic Production System	\$ 500,000.00	\$ 1,344,483.00	2014-2015
Memorial University	Fe-Ti-V Oxide Mineralization in Mesoproterozoic Intrusive Rocks across Labrador: Mineralogy, Geochemistry and Economic Potential	\$ 100,000.00	\$ 100,000.00	2014-2015

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Seamatica Aerospace Ltd	Ground-based Sense and Avoid Radar	\$ 60,000.00	\$ 180,000.00	2014-2015
Newfoundland Energy Services (2009) Ltd.	Used Motor Oil Cleaning, Recycling and Reprocessing	\$ 227,532.00	\$ 436,290.25	2014-2015
Memorial University	Design optimization and manufacturing of cost-effective ship superstructure for harsh environment	\$ 95,000.00	\$ 95,000.00	2014-2015
Memorial University	Proof of Concept: Efficacy of Cleaner Fish (Cunner, Tautoglabrus adspersus) for Sea Lice Mitigation and Control	\$ 100,000.00	\$ 100,000.00	2014-2015
Memorial University	Experimental and Numerical Investigation of Multiphase Pipeline Flow Scaling	\$ 99,600.00	\$ 99,600.00	2014-2015
Fisheries and Marine Institute	Dynamic Positioning Operations in Ice Environments	\$ 500,000.00	\$ 8,595,000.00	2014-2015
C-CORE	Remote Sensing of Snowpack and Glacier Characteristics for Operational Purpose	\$ 75,000.00	\$ 75,000.00	2014-2015
Rolls-Royce Canada Limited	Intelligent Winch Systems for Arctic Conditions	\$ 300,000.00	\$ 951,950.00	2014-2015
Memorial University	Gas assisted gravity drainage under reservoir condition and complex porous media morphology	\$ 66,000.00	\$ 66,000.00	2014-2015
Memorial University	Dynamic Operational Risk Management of Offshore Facilities in Harsh Environments	\$ 66,000.00	\$ 66,000.00	2014-2015
Memorial University	Implications of the Diagenetic History for Predicting Enhance Oil Recovery (EOR) Methods Performance for the Ben Nevis Formation, Hebron Field, Jeanne d'Arc Basin, Offshore Newfoundland, Canada	\$ 38,333.33	\$ 38,333.33	2014-2015
Memorial University	Impact of changing ocean conditions on deep water fisheries distributions	\$ 66,000.00	\$ 66,000.00	2014-2015
Memorial University	Southern Newfoundland waters under changing ocean conditions: diets and spatial distributions of emerging and re-emerging gadoids within NAFO division 3Ps	\$ 23,000.00	\$ 23,000.00	2014-2015
Memorial University	Advanced Control System Design of Quadrotor Aerial Vehicle from Geometric Viewpoint	\$ 99,000.00	\$ 99,000.00	2014-2015
Memorial University	Retrieval of sea ice parameters from fusion of remote sensing data and high resolution model	\$ 99,000.00	\$ 99,000.00	2014-2015
Memorial University	Moving from a qualitative to a quantitative paradigm for offshore risk based decision making	\$ 99,000.00	\$ 99,000.00	2014-2015
Memorial University	Adding Value to Waste from the Mussel Aquaculture Industry using Clean Technologies	\$ 99,000.00	\$ 99,000.00	2014-2015
Memorial University	Service life prediction of concrete gravity base structures in severe marine environments	\$ 77,000.00	\$ 77,000.00	2014-2015
Memorial University	Risk-based fitness-for-service assessment of offshore assets attacked by corrosion under insulation	\$ 99,000.00	\$ 99,000.00	2014-2015
Memorial University	Development of a Corrosion monitoring system for reinforced concrete offshore infrastructure	\$ 99,000.00	\$ 99,000.00	2014-2015
Memorial University	The Effects of Motion Environments on Operator Vigilance and Decision-Making Abilities	\$ 23,000.00	\$ 23,000.00	2014-2015
Memorial University	Comparison of seismic time-lapse imaging methods for monitoring reservoir change using a 2D model of the Hibernia Oil Field	\$ 9,000.00	\$ 9,000.00	2014-2015
Memorial University	Provenance of Cape Spear Member conglomerates in the Ediacaran Cuckold Formation, Flatrock area, eastern Newfoundland	\$ 9,000.00	\$ 9,000.00	2014-2015
Memorial University	Signal enhancement in sensors for oil in produced water	\$ 9,000.00	\$ 9,000.00	2014-2015
Memorial University	Analysis of Pygopus as an Essential Androgen-Responsive Cellular Biomarker in Prostate Cancer	\$ 153,012.00	\$ 306,024.00	2014-2015
C-CORE	Centrifuge Facility Upgrade and Research Program	\$ 675,000.00	\$ 2,000,000.00	2014-2015
Memorial University	Improving Reliability of Power Systems in Newfoundland and Labrador Through Maintenance Scheduling Optimization	\$ 100,000.00	\$ 100,000.00	2014-2015
Memorial University	Wind Turbines for Remote Communities in Harsh Environments	\$ 99,500.00	\$ 99,500.00	2014-2015
Memorial University	Source-to-sink studies of NL sedimentary basins	\$ 99,752.00	\$ 99,752.00	2014-2015
Memorial University	Construction of an electrophysiological recording system	\$ 93,897.00	\$ 187,794.00	2014-2015
Memorial University	The roles of di/tri-peptides in intestinal injury and health	\$ 127,682.00	\$ 255,364.00	2014-2015
ExtremeOcean Innovation Inc	Phase 4 - Transpar Service Vessel (Craft) Full Scale Prototype Development & Fabrication	\$ 250,000.00	\$ 649,517.00	2014-2015
Rambler Metals and Mining Canada Limited	Ming Mine Footwall Development: Dense media Separation Demonstration Program	\$ 750,000.00	\$ 3,824,048.00	2014-2015
Memorial University	Structural Integrity of Onshore and Offshore Pipelines in the Harsh Environment of NL	\$ 100,000.00	\$ 100,000.00	2014-2015
Memorial University	The effects of climate change and subsequent shifts in disturbance regime on forest regeneration in NL	\$ 99,980.00	\$ 99,980.00	2014-2015
Memorial University	Gas-phase Sampling Instrumentation for the Study of Ocean-atmosphere and Biosphere-atmosphere Interactions	\$ 107,759.00	\$ 254,750.00	2014-2015
C-CORE	Remote Sensing-based Wetland Monitoring Using Multi-source Data Fusion	\$ 100,000.00	\$ 122,000.00	2014-2015
Memorial University	New ocean mapping technology for advancing integrated coastal and ocean mangement in Newfoundland and Labrador	\$ 97,500.00	\$ 97,500.00	2014-2015
Memorial University	Advanced Dynamic Cyclic Simple Shear Apparatus	\$ 163,513.57	\$ 341,619.45	2014-2015
Memorial University	Role of Microglia during Injury and Repair in the Central Nervous System	\$ 99,623.00	\$ 99,623.00	2014-2015
Memorial University	Biomass Production and Phosphorus Availability from Dairy Manure in Silage Corn	\$ 100,000.00	\$ 100,000.00	2014-2015
Marathon Gold Corp	Valentine Lake Gold Process Development/Phase 1: Pre-concentration and Gold Leach Bench Scale Assessment	\$ 87,904.25	\$ 117,205.66	2014-2015
Memorial University	Acquisition of a Liquid Water Isotope Analyzer for Hydrological, Geochemical, Ecological and Oceanographic Research	\$ 75,727.00	\$ 150,595.00	2014-2015
Memorial University	Hydroponics fodder as an Alternative Source of Animal Feed for the Newfoundland and Labrador Agriculture Industry	\$ 100,000.00	\$ 100,000.00	2014-2015
Memorial University	Health Benefits of Sea Cucumber and Blue Mussel	\$ 90,230.00	\$ 180,460.00	2014-2015
Memorial University	Understanding soil fertility under land-use change scenarios	\$ 100,000.00	\$ 100,000.00	2014-2015
Fugro GeoSurveys	A Purpose Built Vessel for Harsh Environment and Arctic Marine Research and Development	\$ 4,962,500.00	\$ 54,972,500.00	2014-2015
Barite Mud Services Inc.	2014 Barite Processing Technology Improvement Program	\$ 750,000.00	\$ 1,597,971.00	2014-2015
Barite Mud Services Inc.	Technology Roadmap for Barite Recovery and Processing Optimization	\$ 15,000.00	\$ 20,000.00	2014-2015
Rogers Enterprises	SMARTPro Mobile App Development	\$ 66,622.50	\$ 142,245.00	2014-2015
International Communications and Navigation Ltd.	AIS Based Communications	\$ 250,000.00	\$ 446,304.00	2014-2015
TechnipFMC	Concrete Floating Production Facility Concepts for Eastern Canada	\$ 495,580.00	\$ 1,486,887.00	2014-2015
Memorial University	NSERC Chevron Industrial Research Chair in Reservoir Characterization	\$ 500,000.00	\$ 1,000,000.00	2014-2015
Falck Safety Service Canada Incorporated	The influence of wave magnitude on sea survival skill acquisition and retention	\$ 170,612.00	\$ 340,925.00	2014-2015
Dynamic Air Shelters Ltd	Wide-Span Inflated Fabric Structures	\$ 500,000.00	\$ 4,080,900.00	2014-2015
Falck Safety Service Canada Incorporated	Human Factors Examination of Underwater Egress Forces Required to Open an S92 Push-Out Exit	\$ 176,545.00	\$ 354,041.00	2014-2015
Memorial University	AARMS@MUN: Strengthening the Mathematical Foundation of the Knowledge Economy	\$ 300,000.00	\$ 650,000.00	2014-2015
Marine Industrial Lighting Systems Ltd.	Development Extreme Environment LED Lighting Fixtures	\$ 390,688.00	\$ 587,992.55	2014-2015
70706 Newfoundland and Labrador Inc (Shell-EX)	Recovery and Stabilization of Beta-caratinoids and Proteins from Shrimp By-Product	\$ 13,852.00	\$ 18,469.50	2014-2015
Veber, Joshua	RISE Awards 2014	\$ 7,060.00	\$ 7,060.00	2014-2015
Benson, Emily	RISE Awards 2014	\$ 7,210.00	\$ 7,210.00	2014-2015
Lucas, Courtney	RISE Awards 2014	\$ 7,185.00	\$ 7,185.00	2014-2015
Han, Victoria	RISE Awards 2014	\$ 13,500.00	\$ 13,500.00	2014-2015
Radiant360 Solutions Inc.	Multi-solution Framework	\$ 248,862.00	\$ 548,200.00	2014-2015
Jagota, Dakshita	RISE Awards 2014	\$ 13,500.00	\$ 13,500.00	2014-2015
Memorial University	Non-Expert Security for Embedded Systems	\$ 99,978.12	\$ 99,978.12	2014-2015
Huang, Rita	RISE Awards 2014	\$ 7,060.00	\$ 7,060.00	2014-2015
Breen, Zoe	RISE Awards 2014	\$ 7,060.00	\$ 7,060.00	2014-2015
Hickey, Matthew	RISE Awards 2014	\$ 7,060.00	\$ 7,060.00	2014-2015
Johnson, Nathaniel	RISE Awards 2014	\$ 7,060.00	\$ 7,060.00	2014-2015
Bhatt, Nitish	RISE Awards 2014	\$ 13,500.00	\$ 13,500.00	2014-2015
Young, Alyssa	RISE Awards 2014	\$ 7,060.00	\$ 7,060.00	2014-2015
Alam, Shahbad	RISE Awards 2014	\$ 7,000.00	\$ 7,000.00	2014-2015
Yan, Xiangqi	RISE Awards 2014	\$ 14,437.20	\$ 14,437.20	2014-2015
Symonds, Alexandra	RISE Awards 2014	\$ 7,200.00	\$ 7,200.00	2014-2015
Garland, Sarah	RISE Awards 2014	\$ 7,060.00	\$ 7,060.00	2014-2015

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Memorial University	Practical Ice Operations Design and Assessment Tool - GEM Project	\$ 312,000.00	\$ 744,000.00	2014-2015
Molloy, Cassidy	RISE Awards 2014	\$ 7,000.00	\$ 7,000.00	2014-2015
Farrukh, Ameer	RISE Awards 2014	\$ 14,437.20	\$ 14,437.20	2014-2015
Memorial University	Lab of Spatial Economic and Regional Data Analysis (L-SERDA); Business Life Cycles in NL	\$ 94,357.65	\$ 94,357.65	2014-2015
Memorial University	Canada Research Chair: Neuroscience and Brain Repair	\$ 100,000.00	\$ 600,000.00	2014-2015
C-CORE	Development of Meshless and Discrete Element Methods for Numerical Simulation of Sea Ice	\$ 90,045.00	\$ 90,045.00	2014-2015
Memorial University	Defining the Actual Performance of Personal Locator Beacons (PLBs) in Realistic Seas	\$ 100,000.00	\$ 492,985.00	2014-2015
Eastern Analytical Limited	New Procedures - 2	\$ 14,253.73	\$ 19,004.97	2014-2015
Memorial University	Geological, Geochemical and Mineralogical Study of the Heritage Au-Ag Prospect	\$ 59,983.31	\$ 79,983.31	2014-2015
EMSAT CORPORATION	Real-time Infrastructure Monitoring	\$ 119,180.00	\$ 331,035.00	2014-2015
Memorial University	Translational and Personalized Medicine Initiative	\$ 800,000.00	\$ 50,780,855.00	2014-2015
British Confectionery Company Ltd	Advancement of a Secure, Zero Error Inline Control, Collating and Packaging Solution	\$ 250,000.00	\$ 3,025,883.00	2014-2015
Memorial University	Extending Simulation-based Learning Beyond the Simulation Laboratory Using Social Networking and Gaming Elements	\$ 99,500.00	\$ 119,000.00	2014-2015
TechnipFMC	Technip Advanced Computing Centre	\$ 483,036.97	\$ 1,932,147.40	2014-2015
Dynamic Air Shelters Ltd	Statistical Analysis of Tensile Strength data of Material Used in Fabrication of Air Inflatable Shelters	\$ 8,850.00	\$ 11,800.00	2014-2015
INTECSEA Canada	A Coupled Finite Element and Large Scale Dynamic Math Model for Efficient Global Flexible Pipe Analysis	\$ 90,706.00	\$ 132,660.00	2014-2015
GRI Simulations	FDK Functionality Development Completion	\$ 250,000.00	\$ 519,884.00	2014-2015
C-CORE	Rapid Iceberg Profiling System Development	\$ 150,000.00	\$ 320,100.00	2014-2015
SULIS Subsea Corporation	SULIS 1i: 3D Subsea Inspection Tool	\$ 180,500.00	\$ 611,827.00	2014-2015
2015-2016				
Statoil Canada Ltd	NL Offshore Research Expedition 2015	\$ 500,000.00	\$ 2,610,914.64	2015-2016
AMEC Foster Wheeler Environment & Infrastructure, A Division of AMEC Foster Wheeler Americas Limited	Estimation of Severe Weather, Sea State and Ice Risk in Newfoundland & Labrador Offshore	\$ 125,760.00	\$ 167,680.00	2015-2016
C-CORE	Ice Characterization Field Studies for Northern Newfoundland and Labrador	\$ 763,518.00	\$ 1,655,256.00	2015-2016
Memorial University	Canada Research Chair: Rehabilitation, Neuroplasticity and Brain Recovery	\$ 100,000.00	\$ 614,000.00	2015-2016
Yan, Xiangqi	RISE Awards 2014	\$ 14,437.20	\$ 14,437.20	2015-2016
Farrukh, Ameer	RISE Awards 2014	\$ 14,437.20	\$ 14,437.20	2015-2016
Memorial University	Advanced Dynamic Cyclic Simple Shear Apparatus	\$ 163,513.57	\$ 341,619.45	2015-2016
eSonar Inc	Integrated Flow Sensor Development Project	\$ 250,000.00	\$ 461,320.33	2015-2016
Seamatica Aerospace Ltd	Flying Zeus	\$ 175,250.00	\$ 421,926.87	2015-2016
CAE Inc	Helicopter Simulation Centre	\$ 3,321,000.00	\$ 18,282,516.00	2015-2016
Canada Fluorspar Inc.	Rapid Fluorspar Analysis Method	\$ 248,250.00	\$ 361,000.00	2015-2016
C-CORE	Development of Sea Ice Applications using GPGPU	\$ 100,000.00	\$ 100,000.00	2015-2016
Memorial University	Alteration of the Wetting Character of the Composite Rock through Enhanced Oil Recovery Methods for the Ben Nevis formation, Hebron Field, Jeanne D'Arc Basin, Offshore Newfoundland, Canada	\$ 46,000.00	\$ 46,000.00	2015-2016
Memorial University	Offshore Huff 'n' Puff for Injector Well Improved Oil Recovery	\$ 23,000.00	\$ 23,000.00	2015-2016
Memorial University	Biological Effects of Contamination on Aquatic Species With a Focus on Oil and Gas Contaminants	\$ 23,000.00	\$ 23,000.00	2015-2016
Memorial University	Improving the Efficiency of Cod Pots for Fisheries in Newfoundland and Labrador	\$ 46,000.00	\$ 46,000.00	2015-2016
Memorial University	Offshore Emergency Response Team Training with Artificial Team Members	\$ 66,000.00	\$ 66,000.00	2015-2016
Memorial University	Using Underwater Video to Investigate the Impact of Invasive European Green Crab (Carcinus maenas) on Lobster Catch, and Inform Mitigation Strategies	\$ 46,000.00	\$ 46,000.00	2015-2016
Memorial University	Developing an Optimal Removal Program for the Invasive European Green Crab in Newfoundland	\$ 38,333.33	\$ 38,333.33	2015-2016
Memorial University	Use of Rubberized Concrete in Offshore Structures	\$ 88,000.00	\$ 88,000.00	2015-2016
Memorial University	Joint Data Detection and Channel Estimation in Underwater Acoustic Communications	\$ 66,000.00	\$ 66,000.00	2015-2016
Memorial University	Trawl Technology for the Newfoundland Shrimp Industry	\$ 99,000.00	\$ 99,000.00	2015-2016
Memorial University	Probabilistic Accident Modeling for Arctic Shipping	\$ 55,000.00	\$ 55,000.00	2015-2016
Memorial University	Exploring the Potential of the Commercial Sea Cucumber	\$ 99,000.00	\$ 99,000.00	2015-2016
Memorial University	Hyperproduction of Bio-dispersants by Genetically Engineered Species and Their Applications for Offshore and Deep Sea Oil Spill Response in Harsh Environments	\$ 99,000.00	\$ 99,000.00	2015-2016
Memorial University	Theoretical and Numerical Modeling of Heat Loss and Ice Accretion on Marine Vessels and Offshore Structure	\$ 66,000.00	\$ 66,000.00	2015-2016
Memorial University	Three Dimensional Ichnology of the Trace Fossil Parahaentschelinia and its Relationship to Fracturing in Unconventional Hydrocarbon Reservoirs	\$ 9,000.00	\$ 9,000.00	2015-2016
Memorial University	The Use of Porous Metal-Organic Frameworks for the Sensing and Sequestration of the Environmental Pollutant HONO (AKA Nitrous Acid)	\$ 9,000.00	\$ 9,000.00	2015-2016
Memorial University	Structural Analysis of the Flat Rock Thrust Zone: Tectonic Implications for Onshore and Offshore Regions of Eastern Newfoundland	\$ 9,000.00	\$ 9,000.00	2015-2016
Memorial University	Examining Pathological Otoliths in Atlantic Cod near Newfoundland	\$ 9,000.00	\$ 9,000.00	2015-2016
Memorial University	A Prediction Model for Internal Corrosion due to Hydrogen Sulfide in Terra Nova Oilfield Pipelines	\$ 66,000.00	\$ 66,000.00	2015-2016
Memorial University	Mitacs Accelerate Industrial Research Internship Program - NL	\$ 500,000.00	\$ 1,875,000.00	2015-2016
Memorial University	The Role of Trace Amines and Their Receptors in Diseases Prominent in the Newfoundland & Labrador Population	\$ 100,000.00	\$ 100,000.00	2015-2016
Fisheries and Marine Institute	Improving the Efficiency of Cod-pots for NL Fisheries	\$ 99,342.20	\$ 99,342.20	2015-2016
C-CORE	EO Platform & Service	\$ 500,000.00	\$ 4,556,600.00	2015-2016
Memorial University	Thermal Insulation and Friction Reduction in Subsea Flow Systems	\$ 100,000.00	\$ 100,000.00	2015-2016
Sikumiut Environmental Management Ltd.	Vegetation Clearing Quality Control Using Unmanned Aerial Systems	\$ 326,011.00	\$ 598,970.55	2015-2016
Memorial University	Characterizing gene-gene interactions to better understand, treat and prevent colorectal cancer in Newfoundland	\$ 93,900.00	\$ 93,900.00	2015-2016
Benson, Emily	RISE Awards 2014	\$ 7,210.00	\$ 7,210.00	2015-2016
Memorial University	Immune Mechanisms Underlying Injury and Repair in the Central Nervous System	\$ 214,444.00	\$ 428,888.00	2015-2016
Eastern Analytical Limited	New Procedures - 2	\$ 14,253.73	\$ 19,004.97	2015-2016
Canatec Associates International Ltd	An R&D Project to Innovate the Next Generation of Personal Locator Beacons for Improving Arctic Marine Search and Rescue Operations	\$ 744,389.00	\$ 2,288,172.54	2015-2016
Memorial University	Preparatory Tools for Investigating Environmental Signatures	\$ 107,722.00	\$ 276,553.97	2015-2016
Bluedrop Learning Networks Inc.	Advanced Apprenticeship Learning Tools	\$ 250,000.00	\$ 1,100,129.00	2015-2016
Memorial University	Cleaner Fish Strategies for Atlantic Canada's Salmon Aquaculture Industry	\$ 258,000.00	\$ 991,000.00	2015-2016
Altius Resources Incorporated	Developing Micro-Analytical Till Indicator Mineral Exploration Techniques for the Discovery of Hidden Ore Deposits in Glaciated Terrains	\$ 345,375.00	\$ 546,000.00	2015-2016
AMEC Foster Wheeler Environment & Infrastructure, A Division of AMEC Foster Wheeler Americas Limited	Statoil R&D Step-Up NL Program - Remote Sensing: Integrated Ice Management & Forecasting Framework "Openice"	\$ 672,915.00	\$ 1,386,043.12	2015-2016
iSYS - Intelligent System Solutions Corporation	Large Scale Automated Fingerprint Identification System	\$ 167,475.00	\$ 325,102.27	2015-2016

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Memorial University	An Individual-based Approach to Understanding Caribou Population Dynamics: Implications for Sustainable Consumptive and Non-consumptive Use in Newfoundland	\$ 100,000.00	\$ 100,000.00	2015-2016
Memorial University	Lithochemochemistry/Alteration Characterization of the Pine Cove Au Deposit and Related Occurrences NL	\$ 96,881.25	\$ 129,175.00	2015-2016
C-CORE	Ice-Structure Interaction Using 3D Discrete Element Modelling	\$ 89,500.00	\$ 89,500.00	2015-2016
Memorial University	Advancement of Engineering Tools for Arctic and Harsh Environments	\$ 241,726.00	\$ 451,826.00	2015-2016
Memorial University	Improved Electromagnetic Surveys for Ore Deposits and Hydrocarbon Reservoirs	\$ 100,000.00	\$ 100,000.00	2015-2016
Frontier Subsea Inc	Remotely Operated Mooring Inspection Tool (ROMIT)	\$ 165,980.00	\$ 497,940.00	2015-2016
iSYS - Intelligent System Solutions Corporation	Large Scale Automated Fingerprint Identification System	\$ 167,475.00	\$ 325,102.27	2015-2016
College of the North Atlantic (CNA)	Determining if Sulfide Veins at Voisey's Bay are an Effective Exploration-Vectoring Tool	\$ 175,000.00	\$ 396,624.00	2015-2016
RIS Ltd	Integrated Remote Sensing for Mapping, Monitoring and Inspection	\$ 208,840.00	\$ 313,680.00	2015-2016
Memorial University	Advanced Control and Optimization of the Diesel Hydro-treating Process	\$ 25,000.00	\$ 50,000.00	2015-2016
Whitecap Scientific Corporation	Enhanced Asset Integrity Assessment Through Live 3D Reconstruction, Inspection and Simulation	\$ 199,000.00	\$ 599,875.00	2015-2016
Aker Arctic Canada Inc	Development of an Offshore Evacuation System for Operations in Ice Covered Regions	\$ 309,166.00	\$ 618,333.00	2015-2016
TechnipFMC	Low Cost Marginal Development - Subsea Pipelines	\$ 150,000.00	\$ 218,500.00	2015-2016
Badger Bay Mussel Farms Limited	Innovations in Shellfish Aquaculture	\$ 250,000.00	\$ 660,367.78	2015-2016
Indigena Enterprises Inc	Indigenous Extract Development	\$ 204,285.00	\$ 422,693.00	2015-2016
Search Minerals Inc	The Construction and Operation of a Pilot Plant for the Testing of Search's Metallurgical Process	\$ 750,000.00	\$ 1,879,220.00	2015-2016
Kraken Robotic Systems Inc.	KATFISH: Development of Kraken Active Tow Fish for Ultra-High Resolution Seabed Survey	\$ 749,451.00	\$ 3,695,385.00	2015-2016
Memorial University	Recovery and Performance Laboratory	\$ 125,000.00	\$ 275,000.00	2015-2016
Grand Bank Seafoods Inc	Propellor Clam Product Development	\$ 14,920.00	\$ 49,489.00	2015-2016
Grand Bank Seafoods Inc	Surf Clam Optimization	\$ 6,665.34	\$ 34,071.79	2015-2016
Memorial University	Mobile Simulation Lab with Acute Care Tele-medicine Support	\$ 97,800.00	\$ 97,800.00	2015-2016
Ever Green Environmental Corp	Software & Hardware Design for 24/7 Mobile Automated Recycling Depot	\$ 140,813.00	\$ 377,785.00	2015-2016
C-CORE	Developing novel methods for iceberg detection using satellite optical data	\$ 79,000.00	\$ 165,624.00	2015-2016
Notus Electronics	Remote and Controls for Controllable Trawl Doors	\$ 726,884.54	\$ 2,317,837.51	2015-2016
Memorial University	Liquid Repellent Surfaces to Improve Asset Integrity and Safety in Harsh Marine Environments	\$ 75,000.00	\$ 349,901.00	2015-2016
Memorial University	A greener, cost effective developing technology for the capture, storage and reuse of industrially-relevant chemicals	\$ 100,000.00	\$ 100,000.00	2015-2016
Canadian Zinc Corporation	Centralized Milling of Central Newfoundland Base Metal Deposits	\$ 593,215.00	\$ 829,520.00	2015-2016
Port Electric Solutions Inc	32 Bit Microcontroller Based Marine Fire Alarm System	\$ 81,000.00	\$ 448,037.00	2015-2016
Compusult Limited	Next Generation Discovery Portal and Item Tracking Solutions	\$ 229,499.00	\$ 550,036.91	2015-2016
Avalon Holographics Inc	Holographic Display Development System	\$ 250,000.00	\$ 2,106,280.00	2015-2016
Memorial University	Redox Signaling and the Control of Mitochondrial Metabolism: Implications for Heart Physiology and Disease	\$ 100,000.00	\$ 100,000.00	2015-2016
Newfoundland Aquaculture Industry Association	NAIA Ensiling Demonstration Project	\$ 57,051.00	\$ 465,453.00	2015-2016
Shehata, Dina	RISE Awards 2015	\$ 14,948.48	\$ 14,948.48	2015-2016
Warren, Kayla	RISE Awards 2015	\$ 7,110.00	\$ 7,110.00	2015-2016
Jones, Caleb	RISE Awards 2015	\$ 7,110.00	\$ 7,110.00	2015-2016
Smart, Emma	RISE Awards 2015	\$ 6,545.00	\$ 6,545.00	2015-2016
Schmidt, Divi	RISE Awards 2015	\$ 7,110.00	\$ 7,110.00	2015-2016
Provencher, Ava	RISE Awards 2015	\$ 7,110.00	\$ 7,110.00	2015-2016
Boone, Nora	RISE Awards 2015	\$ 13,900.00	\$ 13,900.00	2015-2016
Roche, Keisha	RISE Awards 2015	\$ 7,110.00	\$ 7,110.00	2015-2016
Furey, Mackenzie	RISE Awards 2015	\$ 7,110.00	\$ 7,110.00	2015-2016
McGrath-Janes, Andrea	RISE Awards 2015	\$ 7,110.00	\$ 7,110.00	2015-2016
Hansen, Alberta	RISE Awards 2015	\$ 6,545.00	\$ 6,545.00	2015-2016
Maher, Erin	RISE Awards 2015	\$ 7,110.00	\$ 7,110.00	2015-2016
Drover, Noelle	RISE Awards 2015	\$ 7,395.00	\$ 7,395.00	2015-2016
Memorial University	Optimizing Design and Operation of Offshore Support Vessels for Harsh Environments	\$ 100,000.00	\$ 100,000.00	2015-2016
Zabihi, Haleh	RISE Awards 2015	\$ 13,900.00	\$ 13,900.00	2015-2016
Memorial University	Meshless Numerical Integrators for the Improvement of Geophysical Electromagnetic Exploration Methods	\$ 98,000.00	\$ 98,000.00	2015-2016
Zambara Inc	Cornerstone Technology Development	\$ 190,229.00	\$ 266,879.00	2015-2016
Seamatic Aerospace Ltd	Synthetic Aperture Radar for Unmanned Aircraft	\$ 149,137.00	\$ 198,849.00	2015-2016
Memorial University	Statoil Chair - An Experimental and Numerical Investigation of Fluid Flow Models with Memory Using Engineering Approach	\$ 500,000.00	\$ 1,500,000.00	2015-2016
C-CORE	Remote Sensing of Snowpack and Glacier Characteristics for Operational Purpose	\$ 75,000.00	\$ 75,000.00	2015-2016
Memorial University	Advanced Arctic Structural Engineering	\$ 100,000.00	\$ 100,000.00	2015-2016
Memorial University	Optimal Design of Betavoltaic Power Sources	\$ 100,000.00	\$ 100,000.00	2015-2016
Memorial University	Formation and Resource Potential of Seafloor Massive Sulfide Deposits	\$ 99,957.00	\$ 99,957.00	2015-2016
Memorial University	Aging and Auditory Neuroscience	\$ 100,000.00	\$ 600,000.00	2015-2016
C-CORE	Pipeline Leak Detection Testing Project	\$ 500,000.00	\$ 1,873,672.00	2015-2016
Memorial University	Hydrogeophysical Characterization of Agricultural Fields in Western Newfoundland using Integrated GPR-EMI	\$ 100,000.00	\$ 100,000.00	2015-2016
Memorial University	Design Solutions to Mitigate Noise and Vibration Levels on Fishing Vessels	\$ 100,000.00	\$ 100,000.00	2015-2016
Neary, Emma	RISE Awards 2015	\$ 7,110.00	\$ 7,110.00	2015-2016
Memorial University	Role of Omega 3 Fatty Acids (3-PUFA) in Controlling Inflammation in Pediatric Non-Alcoholic Fatty Liver Disease	\$ 92,100.00	\$ 92,100.00	2015-2016
Canada Fluorspar Inc.	Geophysical and Subsurface Characterization of a Known and Traditionally-Mapped Fluorspar Deposit Using Acoustic Imaging Technology, and Comparative Assessment and Testing of the Efficacy of Acoustic Imaging Technology for Identifying New Fluorspar Deposits	\$ 750,000.00	\$ 4,120,000.00	2015-2016
Memorial University	Tier 2 Canada Research Chair in Numerical Analysis and Scientific Computing	\$ 100,000.00	\$ 600,000.00	2015-2016
Memorial University	SD-OCT for Live Retinal Imaging in Animal Model for Retinopathy	\$ 137,470.00	\$ 289,070.00	2015-2016
70706 Newfoundland and Labrador Inc (Shell-EX)	Optimization and Implementation of an Innovative Recovery of Bioactive Compound From Shrimp Byproducts	\$ 250,000.00	\$ 354,662.33	2015-2016
Memorial University	Canada Research Chair in Marine Geology	\$ 100,000.00	\$ 600,000.00	2015-2016
2016-2017				
Marathon Gold Corp	Valentine Lake Gold Process Development - Phase II: Marathon Deposit Flowsheet Assessment	\$ 142,606.06	\$ 190,141.41	2016-2017
Dynamic Air Shelters Ltd	Development of Standard Operating Procedures and Database for Shelter QC/QA Program	\$ 10,921.00	\$ 16,454.00	2016-2017
TechnipFMC	Marginal Field Development	\$ 750,000.00	\$ 1,500,000.00	2016-2017
Memorial University	Integration of Renewable Energy Sources into Power Grid - Probabilistic Planning and Power Quality	\$ 100,000.00	\$ 100,000.00	2016-2017
Memorial University	Investigations of Population Models for Northern Shrimp	\$ 135,000.00	\$ 397,000.00	2016-2017
Proax Technologies Ltd	Automated Pelagic Stacking System	\$ 147,937.00	\$ 587,029.00	2016-2017
Natura Soap Company	The Use of Natural Antioxidants from NL Wild Berries to Improve the Shelf Life and Sensory Qualities of NL made Herbal Soaps	\$ 11,250.00	\$ 15,000.00	2016-2017
Memorial University	Characterization and Analysis of Offshore Oil Reservoirs for Production Implications	\$ 500,000.00	\$ 1,500,000.00	2016-2017

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Memorial University	Compact Confocal Microscope System for Live-Cell Imaging	\$ 137,580.00	\$ 275,159.00	2016-2017
Memorial University	Micro-Nano Technology Infrastructure for Advanced Microelectronics Research in Newfoundland and Labrador	\$ 150,000.00	\$ 375,000.00	2016-2017
Memorial University	The Effects of Amyloid Beta on Glutamate Dynamics and Synaptic Strength	\$ 100,000.00	\$ 100,000.00	2016-2017
Memorial University	Understanding the Petroleum Basin Evolution of the Newfoundland-Irish Conjugate Margins using Seismic Megatranssects	\$ 96,500.00	\$ 96,500.00	2016-2017
Memorial University	Predicting Task Proficiency Base on Physiological Indicators in an Emergency Response Training Simulator for the Offshore Petroleum Industry	\$ 100,000.00	\$ 100,000.00	2016-2017
Memorial University	Omega-6/Omega-3 Salmon Feeding Trial	\$ 115,000.00	\$ 285,167.00	2016-2017
SubC Control Ltd	Subsea Situational Awareness Suites and Long-Deployment Monitoring Systems	\$ 499,875.00	\$ 1,515,500.00	2016-2017
Memorial University	Influence of Seabed Interaction on Fatigue Performance of Subsea Risers	\$ 100,000.00	\$ 100,000.00	2016-2017
Memorial University	The Role of Proinflammatory Factors in Mediating Metabolic Dysfunction and Heart Disease	\$ 99,923.00	\$ 99,923.00	2016-2017
Subsea 7 Canada Inc.	Bundle Re-Float Investigation for Harsh Environments	\$ 368,085.00	\$ 738,410.00	2016-2017
Memorial University	Auditory Electroencephalography	\$ 151,977.00	\$ 303,954.00	2016-2017
C-CORE	Development of Techniques for Seasonal Iceberg Forecasting Using Machine Learning and Ensemble Modelling	\$ 100,000.00	\$ 100,000.00	2016-2017
Memorial University	Innovative Methods for Geometric Numerical Integration	\$ 88,515.00	\$ 177,030.00	2016-2017
Memorial University	Multifunction Virtual Microscopy and Imaging Suite	\$ 94,706.00	\$ 232,421.20	2016-2017
Oceans Limited	Evaluation of Bioactive Compounds Isolated from NL Seaweeds	\$ 249,809.00	\$ 382,912.00	2016-2017
GasTOPS Ltd.	PWCOAT	\$ 250,000.00	\$ 2,602,342.00	2016-2017
Memorial University	Effect of an "Active" Office Chair on Spine Biomechanics and Perceived Pain During Prolonged Sitting	\$ 93,027.75	\$ 99,427.75	2016-2017
Quin-Sea Fisheries Ltd	Crab Plant Assessment	\$ 12,938.24	\$ 30,449.50	2016-2017
Memorial University	Behavioral Interactions Between the American Lobster (Homarus Americanus) and the Green Crab (Carcinus Maenas)	\$ 23,000.00	\$ 23,000.00	2016-2017
Memorial University	Microbial Markers of Seafloor Remediation Under Aquaculture Sites in Newfoundland	\$ 46,000.00	\$ 46,000.00	2016-2017
Memorial University	Operating Windows for Moored Floating Structures in Harsh Environments	\$ 46,000.00	\$ 46,000.00	2016-2017
Memorial University	Strength and Failure Behaviour of Ice Rubble	\$ 23,000.00	\$ 23,000.00	2016-2017
Memorial University	Measuring Deformed Ice Thickness Using Remote Sensing Data	\$ 99,000.00	\$ 99,000.00	2016-2017
Memorial University	Omega-6 (Soy Oil) to Omega-3 (Flaxseed Oil) Ratios and the Impact of Plant-Based Oils in Salmon Feeds on Growth, Tissue Composition and Disease Resistance, using Functional Genomics Techniques	\$ 99,000.00	\$ 99,000.00	2016-2017
Memorial University	A Novel Method for Detection and Classification of New Sea Ice Types with Low Backscatter Using Satellite Synthetic Aperture Radar (SAR) Imagery: Possible Application in Sea Ice Oil Spills Monitoring	\$ 99,000.00	\$ 99,000.00	2016-2017
Memorial University	Development of MOF-based Sensors for the Detection of Environmental Pollution using Raman Spectroscopy	\$ 9,000.00	\$ 9,000.00	2016-2017
Memorial University	Functional Feed Ingredient Test for Atlantic Salmon	\$ 9,000.00	\$ 9,000.00	2016-2017
JRAS Medical Inc	Jugular Venous Pressure Gauge	\$ 10,500.00	\$ 14,000.00	2016-2017
Rexton Industrial Coatings	Anti-Corrosion/Foul-Release Coatings Test	\$ 23,625.00	\$ 32,500.00	2016-2017
Canadian Zinc Corporation	Centralized Milling of Central Newfoundland Base Metal Deposits	\$ 593,215.00	\$ 829,520.00	2016-2017
Grand Bank Seafoods Inc	Surf Clam Optimization	\$ 6,665.34	\$ 34,071.79	2016-2017
Memorial University	Marine Geology Research Laboratory	\$ 60,880.00	\$ 121,758.00	2016-2017
Memorial University	A Gas Adsorption Analyzer, and Associated Equipment, for the Study of Porous Materials	\$ 100,000.00	\$ 250,000.00	2016-2017
Memorial University	NSERC-Husky Energy Industrial Research Chair in Safety at Sea	\$ 500,000.00	\$ 2,615,084.00	2016-2017
Marathon Gold Corp	Valentine Lake Gold Process Development - Phase II: Marathon Deposit Flowsheet Assessment	\$ 142,606.06	\$ 190,141.41	2016-2017
Memorial University	Safe Drinking Water for Small Communities in Newfoundland and Labrador	\$ 330,000.00	\$ 660,009.60	2016-2017
Memorial University	Self-Contained, Internally Recording, Scientific Echosounder System	\$ 68,514.00	\$ 138,938.00	2016-2017
Memorial University	Economic and Technical Feasibility of Newfoundland Pollinator Production	\$ 84,000.00	\$ 84,000.00	2016-2017
Avalon Holographics Inc	Holographic Display Development System	\$ 250,000.00	\$ 2,106,280.00	2016-2017
Iron Ore Company of Canada	IOC Project	\$ 720,000.00	\$ 1,545,000.00	2016-2017
Memorial University	Vaccine Strategies Against Bacterial Pathogens in Lumpfish (Cyclopterus Lumpus) and Atlantic Salmon	\$ 100,000.00	\$ 100,000.00	2016-2017
Uncle Phil's Think Tank Inc	Optimal Ostomy Pouch Design	\$ 9,750.00	\$ 13,000.00	2016-2017
Newfoundland Aqua Service Limited	Optimization of Wastewater Management	\$ 11,565.50	\$ 15,428.50	2016-2017
Goulding's Wholesale Ltd.	Robotic Controlled Ultrasonic Cookie Bar Cutting System	\$ 110,625.00	\$ 232,965.90	2016-2017
Solace Power Inc	Miniaturization of Wireless Power Transfer Technology	\$ 244,648.00	\$ 945,000.90	2016-2017
Rogers Enterprises	SMARTPro Mobile App Adaptations	\$ 43,247.00	\$ 78,021.33	2016-2017
Eastern Analytical Limited	New Procedures-3	\$ 15,000.00	\$ 34,000.00	2016-2017
C-CORE	Ice-Structure Interaction Using 3D Discrete Element Modelling	\$ 89,500.00	\$ 89,500.00	2016-2017
Memorial University	Whole Genome Sequencing of Aleutian Disease Virus in Wild Animals	\$ 15,670.00	\$ 42,641.00	2016-2017
Memorial University	Canada Research Chair - Population Physical Activity	\$ 100,000.00	\$ 600,000.00	2016-2017
Memorial University	Burial, Uplift and Exhumation History of the Continental Margins of Onshore and Offshore Labrador and Newfoundland	\$ 196,293.00	\$ 532,359.00	2016-2017
Sentinel Alert Inc.	Development of a Real-time Accident Detection Solution	\$ 194,380.00	\$ 753,659.00	2016-2017
Memorial University	Integrated Pathogen Management of Co-Infection in Atlantic Salmon	\$ 500,000.00	\$ 4,533,102.00	2016-2017
VISH Salon Systems	Multi-Sensor Weigh Scale and Asset Identification Device	\$ 225,581.00	\$ 453,633.00	2016-2017
Memorial University	Avian Influenza in Wild Birds of Newfoundland and Labrador	\$ 17,917.00	\$ 43,000.00	2016-2017
Newfound Resources Ltd.	Performance Evaluation of an Offshore Twin Trawling System	\$ 15,000.00	\$ 33,363.00	2016-2017
GMG Fish Services - NL	Farm Mooring/Anchoring Modeling	\$ 15,000.00	\$ 23,100.00	2016-2017
VISH Salon Systems	Multi-Sensor Weigh Scale and Asset Identification Device	\$ 225,581.00	\$ 453,633.00	2016-2017
Hi-Point Industries Ltd.	Containment Berm Product Development	\$ 102,507.50	\$ 188,056.00	2016-2017
GRI Simulations	Dynamic Electronic System Integration Testing and Nexus Asset Integrity Management Integration and Demonstration	\$ 53,842.93	\$ 136,926.23	2016-2017
eDNAtec	Environmental Genomics Observatory	\$ 748,017.50	\$ 7,345,256.00	2016-2017
C-CORE	Development of Meshless and Discrete Element Methods for Numerical Simulation of Sea Ice	\$ 90,045.00	\$ 90,045.00	2016-2017
Horizon Occupational Health Solutions	Examination of Workforce Health & Safety in Integrated Operations	\$ 112,500.00	\$ 150,000.00	2016-2017
Power HV Inc.	Efficient Smart Bushing with Capacitive Sensor Technology	\$ 148,339.34	\$ 208,319.70	2016-2017
AMEC Foster Wheeler Environment & Infrastructure, A Division of AMEC Foster Wheeler Americas Limited	Integrated Hydrologic Modeling for Operational Flood Forecasting	\$ 74,019.00	\$ 148,038.00	2016-2017
Allen's Fisheries Ltd	An Initiative to Demonstrate New Automated Inshore Harvesting Technology for Pelagic and Ground Fish Fisheries	\$ 45,375.00	\$ 97,200.00	2016-2017
Marathon Gold Corp	Valentine Lake Gold Process Development - Phase II: Marathon Deposit Flowsheet Assessment	\$ 142,606.06	\$ 190,141.41	2016-2017
Proax Technologies Ltd	Automated Pelagic Stacking System	\$ 147,937.00	\$ 587,029.00	2016-2017
C-CORE	Investigation into the Capability of Unmanned Aircraft Vehicles (UAV) for Iceberg Surveying and Monitoring	\$ 500,000.00	\$ 900,000.00	2016-2017
Radiant360 Solutions Inc.	r360 Technology Platform Enhancements	\$ 507,356.00	\$ 1,391,463.00	2016-2017
Martak Canada (2000) Ltd.	Shrimp Peeler Technology	\$ 173,392.00	\$ 1,552,314.00	2016-2017
Hi-Point Industries Ltd.	Containment Berm Product Development	\$ 102,507.50	\$ 188,056.00	2016-2017
Glovertown Shipyard (2010) Limited	Glovertown Shipyard Oil Skimmer	\$ 15,000.00	\$ 20,000.00	2016-2017
Memorial University	UNDP-Sino-Research Initiative MREM - Synthesis of Biosurfactants from Seafood Processing Waste	\$ 158,960.00	\$ 334,757.00	2016-2017

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Memorial University	Technological and Market Validation of a Sensing System for Detection and Tracking of Oil in Marine Waters in Arctic Climates - PHASE 2	\$ 248,400.00	\$ 1,594,338.00	2016-2017
Memorial University	Hydrothermal Alteration Zoning Study of the Valentine Lake Gold Camp	\$ 59,956.90	\$ 79,956.90	2016-2017
Memorial University	Underwater Acoustic Sensor Networks for Environment, Seismic, and Subsea Assets Monitoring	\$ 245,000.00	\$ 600,000.00	2016-2017
C-CORE	Radio Frequency and Digital Signal Processing Laboratory	\$ 243,750.00	\$ 425,000.00	2016-2017
Newfoundland Aquaculture Industry Association	Aquaculture Real-Time Integrated Environmental System	\$ 189,390.00	\$ 329,151.00	2016-2017
Rubin, Jasper	RISE Awards 2016	\$ 7,810.00	\$ 7,810.00	2016-2017
Mayo, Jaxon	RISE Awards 2016	\$ 7,810.00	\$ 7,810.00	2016-2017
Strowbridge, Madison	RISE Awards 2016	\$ 7,810.00	\$ 7,810.00	2016-2017
Loder, Emma	RISE Awards 2016	\$ 7,810.00	\$ 7,810.00	2016-2017
Burke, Daniel	RISE Awards 2016	\$ 7,810.00	\$ 7,810.00	2016-2017
Moore, Melissa	RISE Awards 2016	\$ 7,810.00	\$ 7,810.00	2016-2017
Blanchard, Brooke	RISE Awards 2016	\$ 7,810.00	\$ 7,810.00	2016-2017
Warkentin, Hugh	RISE Awards 2016	\$ 7,810.00	\$ 7,810.00	2016-2017
Hawladar, Olshi	RISE Awards 2016	\$ 15,091.50	\$ 15,091.50	2016-2017
Butt, Katherine	RISE Awards 2016	\$ 7,810.00	\$ 7,810.00	2016-2017
Langdon, Matthew	RISE Awards 2016	\$ 7,810.00	\$ 7,810.00	2016-2017
Walsh, Alison	RISE Awards 2016	\$ 8,582.12	\$ 8,582.12	2016-2017
Janes, Alexandra	RISE Awards 2016	\$ 7,810.00	\$ 7,810.00	2016-2017
Yick, Justine	RISE Awards 2016	\$ 8,582.12	\$ 8,582.12	2016-2017
Dawe, Emily	RISE Awards 2016	\$ 7,810.00	\$ 7,810.00	2016-2017
Power, Jenna	RISE Awards 2016	\$ 7,810.00	\$ 7,810.00	2016-2017
Biswas, Sudarshan	RISE Awards 2016	\$ 7,810.00	\$ 7,810.00	2016-2017
Meadus, Brianna	RISE Awards 2016	\$ 7,810.00	\$ 7,810.00	2016-2017
Moore, Luke	RISE Awards 2016	\$ 8,582.12	\$ 8,582.12	2016-2017
Fugro GeoSurveys	Development of a Dynamic Deepwater 3D Inspection System	\$ 510,000.00	\$ 1,020,000.00	2016-2017
Empowered Homes Inc.	Research and Development of Distributed Smart Thermostat	\$ 149,444.75	\$ 410,468.00	2016-2017
O'Brien-La Prairie, Henry	RISE Awards 2016	\$ 8,582.12	\$ 8,582.12	2016-2017
Solace Power Inc	Research and Development of DC-DC Converter for Capacitive-Coupled Wireless Power Transfer (WPT) Systems	\$ 141,450.00	\$ 188,600.00	2016-2017
NOCLAND Business Inc	CANO: Computer Assisted Network Management	\$ 250,000.00	\$ 502,860.22	2016-2017
Memorial University	Drug Information Science (DIS) Research and Training Laboratory	\$ 129,342.50	\$ 258,685.00	2016-2017
Memorial University	Dynamic Risk Management Experimental Facility	\$ 150,963.00	\$ 274,620.00	2016-2017
SULIS Subsea Corporation	Development of Remote Aquatic Imaging Systems for Ocean Science, Film-making, and Outreach	\$ 226,500.00	\$ 746,958.00	2016-2017
Marathon Gold Corp	Valentine Lake Gold-Acoustic Seismic Survey/Phase 1-Orientation and Initial Technical Application	\$ 742,500.00	\$ 1,802,500.00	2016-2017
AMEC Foster Wheeler Environment & Infrastructure, A Division of AMEC Foster Wheeler Americas Limited	Pilot Application of Environmental DNA for Marine Biodiversity Assessments	\$ 44,229.68	\$ 88,460.14	2016-2017
CompuSult Limited	IoT for InSight	\$ 391,619.00	\$ 920,938.00	2016-2017
JRAS Medical Inc	Facilitating Measurement of the Jugular Venous Pressure: The JVPez	\$ 44,670.00	\$ 59,560.00	2016-2017
Memorial University	Mobile Sensing for Physical Activity Measurement and Natural Experiment Research	\$ 125,000.00	\$ 252,638.00	2016-2017
Sequence Bioinformatics Inc.	Technical Pilot Project	\$ 250,000.00	\$ 1,268,090.00	2016-2017
PhocaLux International Inc.	Marine Oil (seal and cod) Technology Development and Verification and Nutraceutical Dried Powder Analysis	\$ 120,187.00	\$ 190,021.00	2016-2017
Badger Bay Mussel Farms Limited	Innovations in Shellfish Aquaculture	\$ 250,000.00	\$ 660,367.78	2016-2017
Memorial University	The effects of climate change and subsequent shifts in disturbance regime on forest regeneration in NL	\$ 99,980.00	\$ 99,980.00	2016-2017
Memorial University	A potential regional mineral exploration tool for Labrador: Correlating mineralogical geochemical signatures of indicator minerals of the Strange Lake REE deposits with remote spectral data	\$ 109,920.38	\$ 151,830.38	2016-2017
Memorial University	The effects of climate change and subsequent shifts in disturbance regime on forest regeneration in NL	\$ 99,980.00	\$ 99,980.00	2016-2017
2017-2018				
Jumping Bean Coffee Inc.	Eco2Roast Process Enhancement	\$ 234,720.30	\$ 320,265.80	2017-2018
2001 Investments Limited (Berg Water)	Berg Water	\$ 14,230.50	\$ 18,974.00	2017-2018
Kraken Robotic Systems Inc.	SeaVision Tank Testing	\$ 15,000.00	\$ 20,000.00	2017-2018
Kraken Robotic Systems Inc.	Project THUNDERFISH Phase One: Development of a Next Generation Deep Sea Sensor Driven AUV	\$ 745,950.00	\$ 5,998,631.00	2017-2018
Agile Sensor Technologies Inc.	Unmanned Vehicle Performance Data Monitoring and Recording System	\$ 278,292.71	\$ 395,462.51	2017-2018
Memorial University	Establishment of a Functional Foods Research Program	\$ 144,250.00	\$ 334,000.00	2017-2018
Empowered Homes Inc.	Research and Development of Distributed Smart Thermostat	\$ 149,444.75	\$ 410,468.00	2017-2018
Solace Power Inc	Research and Development of DC-DC Converter for Capacitive-Coupled Wireless Power Transfer (WPT) Systems	\$ 141,450.00	\$ 188,600.00	2017-2018
C-CORE	TACTICS-PE2: Tactical Detection of Icebergs and Ships in Sea Ice for Polar Epsilon 2	\$ 150,000.00	\$ 1,996,270.00	2017-2018
Solace Power Inc	Research and Development of Planar Magnetic Components for Capacitive-Coupled Wireless Power Transfer (WPT)	\$ 120,750.00	\$ 161,000.00	2017-2018
Memorial University	Multifunction Virtual Microscopy and Imaging Suite	\$ 94,706.00	\$ 232,421.20	2017-2018
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Anaconda Mining Inc	Anaconda Narrow-Vein Mining Project	\$ 521,433.00	\$ 3,787,600.00	2017-2018
TechnipFMC	Technip Advanced Computing Centre	\$ 483,036.97	\$ 1,932,147.40	2017-2018
Memorial University	Safety Management of Arctic Shipping	\$ 249,061.00	\$ 249,061.00	2017-2018
Memorial University	Mitigating the Impact of Climate-Related Challenges on Salmonid Aquaculture	\$ 500,000.00	\$ 4,432,309.00	2017-2018
79109 Newfoundland & Labrador Inc. (World Fur Exchange)	Development of World Fur Exchange	\$ 235,250.00	\$ 322,875.00	2017-2018
Memorial University	Managing Microbial Corrosion in Canadian Offshore & Onshore Oil Production	\$ 384,485.00	\$ 1,292,890.00	2017-2018
Memorial University	Mitacs Accelerate Industrial Research Internship Program	\$ 166,667.00	\$ 625,000.00	2017-2018
Codroy Seafoods Inc.	IPL Tray Feeding Trial	\$ 11,601.94	\$ 50,528.00	2017-2018
Coaches Code Inc.	High Performance Coaching Platform	\$ 46,703.00	\$ 78,425.00	2017-2018
Memorial University	ACEnet - The Atlantic Computational Excellence Network	\$ 1,549,457.40	\$ 5,734,909.40	2017-2018
Eastern Composite Services Inc	Demonstration of Chemical Stripping of Spent Catalytic Coating	\$ 250,000.00	\$ 1,236,134.24	2017-2018
Memorial University	Coastal Environmental Research Laboratory (CERL)	\$ 62,500.00	\$ 125,000.00	2017-2018
Fisheries and Marine Institute	Industrial Research Chair in Fish Stock Assessment and Sustainable Harvest Advice for Northwest Atlantic Fisheries	\$ 500,000.00	\$ 3,369,370.00	2017-2018
College of the North Atlantic (CNA)	Laser Induced Breakdown Spectroscopy (LIBS) Facility	\$ 100,000.00	\$ 274,333.00	2017-2018
Contracts Post Aug 17, 2017				
Bickerstaffe Farms & Nurseries Ltd.	Development of Year-round Propagation Protocols for Small Fruit	\$ 140,347.00	\$ 502,756.00	2017-2018
Virtual Marine Technology Inc	VMT Ice Management Simulator Version 2.0	\$ 412,979.00	\$ 838,601.00	2017-2018

RDC Contractual Projects To November 8, 2017

Blue Oceans Satellite Systems Inc	Development of a Network Independent Telematics Device	\$ 194,400.00	\$ 767,225.00	2017-2018
Averro Robotics and Technology Inc.	Development of Robotic Crawler for Guywire Inspections	\$ 81,562.50	\$ 117,375.00	2017-2018
Bluedrop Learning Networks Inc.	Bluedrop360 Market Enhancement Project	\$ 250,000.00	\$ 1,713,397.86	2017-2018
CoLab Software Incorporated	Development of Real-Time Collaboration Software within Computer Aided Design Applications	\$ 116,362.00	\$ 235,147.00	2017-2018
Memorial University	Development and validation of surface enhanced Raman spectroscopy (SERS) based sensor for produced water analysis	\$ 249,498.00	\$ 249,498.00	2017-2018
Memorial University	Ice Wear and Abrasion Effects on Concrete Surfaces	\$ 400,000.00	\$ 1,590,830.00	2017-2018
Memorial University	O2k-Fluorimeters: A High-Powered Platform for Measuring Cellular and Sub-Cellular Processes	\$ 100,408.00	\$ 222,169.00	2017-2018
Goulding's Wholesale Ltd.	Design, Prototyping, and Installation of a Semi-automated Peanut Butter Ball Production Cell	\$ 152,354.38	\$ 211,635.75	2017-2018