

Senate Research Report

February 28, 2017

News

The process for recruiting the 2016-17 round of [Queen's National Scholar](#) Program is currently underway. Six proposals were selected to move forward to the second round, and up to four scholars will be recruited.

On February 7, Dr. Denise Anthony, Vice Provost for Academic Initiatives and Professor and past-Chair in the Department of Sociology at Dartmouth College, gave the inaugural lecture of the [Matariki Network of Universities Lecture Series](#). Her presentation was also part of the Surveillance Studies Centre's Big Data 175 series.

PARTEQ, Innovation Park, and Industry Partnerships are being integrated as a [shared service](#) in the Vice-Principal (Research) portfolio. The President and CEO of PARTEQ, Dr. Jim Banting, will lead the transition process under a new title as the assistant vice-principal (partnerships and innovation).

In January, the internal selection process was completed to select proposals for the second competition of the [Canada Excellence Research Chairs \(CERC\) program](#). Queen's is able to submit two proposals in Phase 1, due May 17. The two selected proposals are in the areas of Precision Cancer Medicine (Canadian Cancer Trials Group, Faculty of Health Sciences) and Biodiversity and Sustainable Ecosystem Services (Biology, Faculty of Arts and Science).

The Kingston Nano-Fabrication Laboratory was recently rebranded as [NanoFabrication Kingston \(NFK\)](#) and has announced the completed installation of three new pieces of equipment.

Dr. Tucker Carrington (Chemistry) was a recipient of the [Humboldt Research Award](#) for his research on the movement of atoms in molecules. Part of the award will see Dr. Carrington spend six months at the University of Bielefeld to collaborate with Dr. Uwe Manthe.

Dr. Heather Stuart (Public Health Sciences) has been renewed as the [Bell Canada Mental Health and Anti-Stigma Research Chair](#). Representatives from Bell Let's Talk announced their \$1 million gift to renew the research chair at an event on January 24.

Mistaken Point, Newfoundland, now a UNESCO World Heritage Site thanks in part to the research and other efforts of Dr. Guy Narbonne (Geological Sciences & Geological Engineering), has now been featured on a new [Canada Post postage stamp and postage-paid postcard](#).

Research Funding

Researcher	Department	Project Title	Amount
Canadian Institutes of Health Research – Catalyst Grant: Catalyzing Innovation in Preterm Birth Research			
Smith, Graeme	Obstetrics & Gynaecology	Development of therapeutics for prevention and treatment of pre-eclampsia: One of the leading causes of preterm birth in Canada	\$198,942
CIHR – Operating Grant: Pan-Canadian SPOR Network in Primary & Integrated Health Care Innovations – Knowledge Synthesis			
Tranmer, Joan	School of Nursing	Evaluation of primary health care integration strategies for adults with chronic health conditions: A systematic review	\$24,000
CIHR – Planning and Dissemination Grant			
Brooks, Steven	Emergency Medicine	Planning meeting to develop an interdisciplinary research network for extracorporeal cardiopulmonary resuscitation (ECPR) in Canada	\$15,000
CIHR – Team Grant: Environments and Health: Intersectoral prevention research – Indigenous Knowing/Trad Ecological Knowl/Two-Eyed Seeing			
Castleden, Heather	Geography and Planning	A SHARED Future: Achieving strength, health, and autonomy through renewable energy development for the future	\$2,000,000
Kawartha Lake Stewards Association			
Cumming, Brian	Biology	Kawartha Lake Paleolimnological Study (Collection, Analysis and Age-dating of Sediment Cores): Understanding past to plan for the future	\$40,000
Natural Sciences and Engineering Research Council of Canada – Collaborative Research and Development Grant			

Peppley, Brant	Chemical Engineering	Bio-based automotive and industrial lubricants by the optimal hydroisomerization of free fatty acids	\$80,000
NSERC – Engage Grant			
Barz, Dominik	Chemical Engineering	Optimization of a graphene ink printing process	\$25,000
Kim, Il Yong	Mechanical and Materials Engineering	Lightweight and cost optimization of micro wind turbines	\$25,000
Liu, Yan-Fei	Electrical and Computer Engineering	High performance data center power supply design using GaN devices	\$25,000
Networks of Centres of Excellence – Canadian Glycomics Network			
Lillicrap, David	Pathology and Molecular Medicine	Glycan influences on the immunogenicity of Factor VIII replacement therapy	\$74,850
Social Sciences and Humanities Research Council of Canada – Connection Grant			
Bruno-Jofre, Rosa	Faculty of Education	Educationalization of social and moral problems in the western world and the educationalization of the world: historical dimensions through time and space	\$24,540
Morrow, William	School of Religion	Canada 150: Reconciliation and the Church – formulating a theological position statement on the corporal punishment of children	\$20,287
Women’s Xchange – 15K Challenge			
Luctkar-Flude, Marian	School of Nursing	Breast cancer recovery tools for engaging women and enhancing follow-up care and recovery following breast cancer treatment	\$15,000