

Senate Research Report

January 31, 2017

News

The [2016 Prizes for Excellence in Research](#) winners were recently selected in five categories:

- Humanities: Dr. Gauvin Bailey (Art History and Art Conservation)
- Engineering: Dr. James Cordy (School of Computing)
- Social Sciences: Dr. Janet Hiebert (Political Studies)
- Health Sciences: Dr. Stephen Vanner (Medicine)
- Natural Sciences: Dr. Virginia Walker (Biology)

The Office of the Vice-Principal (Research) hosted a second Faculty Writing Retreat on December 5, 2016. Faculty were given quiet writing space and the opportunity to meet URS proposal reviewers throughout the day. Faculty also participated in a panel discussion about finding balance and in small group discussions.

The Royal Society of Canada's Annual General Meeting was held in Kingston from November 17-19, and saw the induction of many Queen's scholars as [Fellows](#) and [Members of the College of New Scholars, Artists and Scientists](#).

The winners of the OVPR's second [Art of Research Photo Contest](#) have been announced. The First Prize winner was Dr. Norman Vorano's "Tulugak on the Crucifix"; Second Prize was Dr. Mark Chen's "Window on a Window to the Universe"; Third Prize was Dr. Tim Fort's "Aldonza"; and an Honourable Mention went to Dr. Rute Carvalho's "Amphibian from the Inside". All winning and shortlisted photographs will be featured in the upcoming issue of *(e)AFFECT*.

Dr. Adrian Baranchuk (Cardiology) was named as one of TD Bank's [10 most influential Hispanic Canadians](#) by the Hispanic Business Alliance.

The Canadian Cancer Trials Group had two of their trials, one led by Dr. Chris O'Callaghan and the other by Dr. Wendy Parulekar, named on the [Canadian Cancer Society's list](#) of the top 10 research impact stories for 2016.

Dr. Gauvin Bailey (Art History and Art Conservation) has been awarded the prestigious [Panofsky professorship](#) at the Zentralinstitut für Kunstgeschichte for May-June 2017. Dr. Bailey is only the second person ever to be awarded this professorship. He was also formally inducted into the Institut de France in 2016.

Dr. Michel Pharand (Disraeli Project), editor of *Benjamin Disraeli Letters, Volume 10: 1868*, saw this volume awarded the [Robert Lowry Patten Award](#) for the best recent study in 19th-century British literary studies.

Dr. Stephen Archer (Medicine) received the 2016 [Distinguished Scientist Award](#) from the American Heart Association, which recognizes “American Heart Association members who have made extraordinary contributions to cardiovascular and stroke research.”

Professors Stephen Lougheed, Peter Van Coeverden deGroot, and Graham Whitelaw received \$9.5 million in funding from multiple sources, including Genome Canada, for their project [BEARWATCH](#). This project will combine Indigenous traditional ecological knowledge and genomics to monitor polar bear responses to climate change.

Research Funding

Researcher	Department	Project Title	Amount
Anesthesia Patient Safety Foundation			
Van Vlymen, Janet	Anesthesiology and Perioperative Medicine	Can healthcare-associated hepatitis C virus outbreaks occur when intravenous medication vials are accessed with clean needles and syringes for use in multiple patients?	\$153,235
Associated Medical Services – The Phoenix Project			
Parsons, Trisha	School of Rehabilitation Therapy	Caring for the next generation of care providers: building capacity for narrative competence	\$40,000
Canada Foundation for Innovation – Major Science Initiatives			
Dancey, Janet	Canadian Cancer Trials Group	Canadian Cancer Trials Group Operations and Statistics Centre at Queen’s University	\$8,675,000
McWalter, Ian	CMC	Canada's National Design Network	\$7,000,000
Smith, Nigel	Physics, Engineering Physics and Astronomy	SNOLAB facility operations	\$28,570,000

Canada Research Chairs – Renewal			
Latimer-Cheung, Amy	School of Kinesiology and Health Studies	CRC in physical activity promotion and disability	\$500,000
Canadian Institutes of Health Research - Planning and Dissemination Grant - Institute Community Support			
Levesque, Lucie	Kinesiology and Health Sciences	Health promotion in indigenous communities: Workshop at the International Society for Behavioral Nutrition and Physical Activity (ISBNPA) annual meeting	\$12,000
Kingston Resuscitation Institute			
Hall, Andrew	Emergency Medicine	Bougie-assisted cricothyroidotomy: a randomized trial to evaluate a novel curriculum for a rarely performed, life-saving procedure	\$2,738
Networks of Centres of Excellence – BioFuelNet			
Mabee, Warren	Geography and Planning	Canadian biojet supply chain initiative	\$21,475
		BFN policy brief series	\$9,700
		What role for advanced biofuels in Canada: A Q&A of policy options and impacts	\$6,000
Natural Sciences and Engineering Research Council – Collaborative Research and Development Grant			
Kim, Il Yong	Mechanical and Materials Engineering	Multi-disciplinary topology optimization for metal additive manufacturing under uncertainty	\$240,000
Saavedra, Carlos	Electrical and Computer Engineering	Very-High current gallium nitride transconductance amplifiers	\$53,820
NSERC – Connect			

Cicarelli, Gabriel	Mechanical and Materials Engineering	Visit Westport to discuss research collaboration	\$2,325
Lai, Yongjun	Mechanical and Materials Engineering	Implementation of MEMS sensors with wireless sensing network for remote monitoring	\$2,700
NSERC – Engage			
Harrison, Stephen	Mechanical and Materials Engineering	Application of refrigerant subcooling to improve system performance	\$24,994
Ontario Lung Association			
O'Donnell, Denis	Medicine	Differential mechanisms of dyspnea relief in advanced COPD: Opiates vs Bronchodilators	\$48,586
Physicians' Services Incorporated Foundation			
Gilron, Ian	Anesthesiology and Perioperative Medicine	Innovations in the management of musculoskeletal pain with alpha-lipoic acid: The IMPALA Trial	\$169,500
Social Sciences and Humanities Research Council – Joint Program Initiative			
Banting, Keith	School of Policy Studies	Mapping the terrain: Assessing the scope, strength and future potential of civil society organizations active in Syrian refugee sponsorship and early integration	\$15,955