



VICE-PRINCIPAL (RESEARCH)

Senate Research Report

February 23, 2016

News

Steven Liss presented an update to the Queen's University Planning Committee (QUPC) on the implementation of the Strategic Research Plan (SRP) during 2015, including progress on its 21 key recommendations. The SRP is approaching its fifth and final year, and the VPR will embark on a review of the plan, which is required in support of applications to several funding programs including the Canada Research Chairs Program and those with the Canada Foundation for Innovation. Additionally, the review will ensure the Queen's SRP maintains its relevance and conveys our research aspirations.

The 8th issue of the Queen's research magazine, *(e)AFFECT*, has recently been distributed. The magazine features the recently renamed Canadian Cancer Trials Group (formerly the NCIC CTG), and also includes a special story on Dr. Arthur McDonald and his Nobel Prize in Physics.

The Office of the Vice-Principal (Research) has teamed up with Queen's University Library to offer communal space for quiet writing on a monthly basis to Queen's faculty and post-docs. Writing times are available on the OVPR website.

Dr. Ted Hewitt, president of the Social Sciences and Humanities Research Council of Canada (SSHRC), visited Queen's on January 13 with executive vice-president, Dr. Brent Herbert-Copley, to speak with students, faculty and administration about the organization's role in the ever-changing field of research and research training.

Thinking Outside the Box, edited by Keith G. Banting, Richard P. Chaykowski and Steven F. Lehrer (McGill-Queen's University Press) and *Toward A Healthcare Strategy for Canadians*, edited by A. Scott Carson, Jeffrey Dixon, and Kim Richard Nossal (Queen's McGill University Press), were included in The Hill Times Top-100 Political Books of 2015. Both books are part of the Queen's School of Policy Studies Series, a premier publisher of policy-related material in Canada.

Queen's researcher Dr. Wendy Craig (Psychology), co-scientific director of PREVNet, was invested in the Order of Ontario in recognition of her continuing work in the field of bullying prevention and the promotion of healthy relationships. The formal appointment ceremony was held on January 20.

Professor and composer John Burge (School of Drama and Music) has been nominated for a Juno Award. Dr. Burge received the *Classical Composition of the Year* nomination for “Piano Quartet,” which was commissioned and recorded by Ensemble Made In Canada.

Research Funding

Researcher	Department	Project Title	Amount
Canadian Urological Oncology Group			
Koti, Madhuri	DBMS	A novel role of PTEN in interferon mediated tumour inflammatory responses in prostate cancer	\$10,000
Conquer Paralysis Now: New Investigator Award			
Ghasemlou, Nader	DBMS	Dissecting the role of inflammation in chronic spinal cord injury pain	50,000 USD
Mitacs: Accelerate Graduate Research Internship			
Redfearn, Damian	Medicine	Further investigation of paced electrogram fraction analysis (PEFA) Industry Partner: St. Jude Medical Canada Inc.	\$93,333
Surgenor, Brian	Mechanical and Materials Engineering	An Advanced Machine Vision-Based System for the Recognition and Counting of Indian Coins	\$15,000
National Institutes of Health: Exploratory/Development Grant			
Petrof, Elaine	Medicine	Microbes that matter: defining optimal formulations for microbial ecosystem therapeutics	\$297,000
Natural Sciences and Engineering Research Council (NSERC): Collaborative Research and Development			
Li, Xiang	Chemical Engineering	Global optimization for nonlinear supply chain management under uncertainty. Industry Partner: Dupont Canada Inc., \$75,000	\$85,000

NSERC: Engage Grant			
Rival, David	Mechanical and Materials Engineering	The effect of transition on winglet design optimization	\$25,000
Snieckus, Victor	Chemistry	Design and synthesis of spin-labelled compounds for NMR-protein-labelling experiments	\$25,000
Social Sciences and Humanities Research Council (SSHRC): Connection Grant			
Andrews, Nathan	Political Studies	Corporate social responsibility, governance frameworks, and human security: examining Canada's role in Africa's natural resource sectors	\$13,950
Robinson, Dylan	Art History & Art Conservation	Doing sovereignty: indigenous arts and actions of resurgence	\$24,973
Wallace, Molly	English	Making common causes: crises, conflict, creation, conversation - 2016 Conference of the Association for Literature, Environment and Culture in Canada	\$17,647
TD Friends of the Environment Foundation			
Lougheed, Stephen	Biology	Elbow Lake Environmental Education Centre, Outreach Assistant	\$11,800