

# Senate Research Report

March 25, 2014

## Research Funding

Researcher	Department	Project Title	Amount
Canadian Institutes of Health Research – Operating Grants			
Banfield, Bruce	Biomedical and Molecular Sciences	Functions of the herpesvirus tegument	\$647,602
Cole, Susan	Cancer Biology and Genetics	Investigations of the drug and organic anion transporter, MRP1	\$589,465
Heyland, Daren	Medicine	Sodium Selenite Administration IN Cardiac Surgery (SUSTAIN CSX(R)-trial	\$232,415
Holden, Rachel (co-PI Adams, Michael)	Medicine	Calcitriol and Vitamin K co-treatment in CKD: Targeting vascular calcification	\$684,585
Johnsrude, Ingrid	Psychology	From sound to meaning: The neural and functional bases of speech perception	\$686,397
Munoz, Doug	Centre for Neuroscience Studies	Establishment of a primate model that exhibits Alzheimer's-like features to explore new preventative and therapeutic strategies	\$669,835
MITACS – Elevate			
Petkovich, P. Martin	Biomedical and Molecular Sciences	Blocking RA Metabolism: A Safer Approach to Retinoid Therapy in Skin Disease	\$57,500
Natural Sciences and Engineering Research Council of Canada – CRD			
Martin, Patrick	School of Computing	Analytics-as-a-Service Workflow Orchestration	\$150,000

This research report is meant to be an illustration of research activity at Queen's University and is based on information provided to the Office of the Vice-Principal (Research) by the Faculties.

Natural Sciences and Engineering Research Council of Canada – Engage			
Filion, Yves	Civil Engineering	Developing Indicators to Evaluate the Energy Efficiency of Upgrades and Operational Changes in Water Distribution Systems	\$10,875
Kim, Il-Yong	Mechanical and Materials Engineering	Application of Topological Optimization to Gas Turbine Design	\$25,000
Natural Sciences and Engineering Research Council of Canada – Idea to Innovation			
Wang, Suning	Chemistry	Validation of New Blue and White Pt(II) Phosphorescent Emitters for OLEDs	\$120,000
Natural Sciences and Engineering Research Council of Canada – Discovery Grant			
Bryant, Tim	Mechanical and Materials Engineering	Improved Friction and Wear Performance in Polymeric Components of Orthopaedic Bearings	\$130,000
Ontario Institute for Cancer Research (OICR)			
Hanna, Timothy	Oncology	A population-based study of adjuvant high-dose interferon use for high-risk melanoma in Ontario	\$25,086
Shastri Institute – Partnership Seed Grant			
Agarwal, Ajay	School of Urban and Regional Planning	Envisioning Pune's Urban Growth in Socially and Environmentally Responsible Ways	\$6,000
Shastri Institute – Research Grant			
Agarwal, Ajay	School of Urban and Regional Planning	Addressing Mobility and Accessibility Issues in Pune's Urban Core	\$10,000

Spencer Foundation – Small Grant - Philosophy in Educational Policy and Practice			
Bakhurst, David	Philosophy	Education, Conversation and New Learning Technologies	\$40,000

### Other News

- Dr. Thorsten Koepl, Associate Professor and RBC Fellow in the Department of Economics, has been appointed a Resident Fellow of the C.D. Howe Institute, as well as a member of its Monetary Policy Council. As a not-for-profit research organization, the C.D. Howe Institute works to foster economically sound public policies in order to raise living standards for Canadians.
- The next phase of the new electronic research administration system is moving ahead with the launch of the Awards (Grants and Contracts) module at the end of March. The new module is one part of the Tools for Research at Queen's (TRAQ) project, and is intended to offer researchers a variety of features that will make it easier and more efficient to apply for and manage awards. Training resources are available for the research community.