

Senate Research Report

January 21, 2014

Research Funding

Researcher	Department	Project Title	Amount
Canadian Institutes of Health Research – Planning Grant			
Heyland, Daren	Medicine	Improving DECision-making about goals of care for hospitalized, elDerly patiEnts: A multicentre, interventional study	\$24, 998
Smith, Graeme	Obstetrics and Gynaecology	Pregnancy complications identify women at risk for developing cardiovascular disease	\$23,975
Mitacs – Accelerate			
Filion, Yves	Civil Engineering	Development of a storm water re-use system to supply non-potable end-uses in multi-use community in London, Ontario	\$15,000
Singh, Vinay	Biomedical and Molecular Sciences	Locally based surface extraction techniques for handheld imaging technologies	\$15,000
Deluzio, Kevin	Mechanical and Materials Engineering	Mimicking medial-knee brace gait using PCA and biofeedback	\$15,000
Mitacs – Elevate			
Yao, Zhongwen	Mechanical and Materials Engineering	Investigation of in-situ flux effect on hydride properties in Zr-2.5Nb pressure tubes in CANDU reactors	\$57,500
Natural Sciences and Engineering Research Council of Canada (NSERC) – Engage Grant			
Li, Qingguo	Mechanical and Materials Engineering	Inertial sensor for 3D joint kinematics estimation: Calibration and protocol development	\$25,000

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.

Researcher	Department	Project Title	Amount
Natural Sciences and Engineering Research Council of Canada (NSERC) – Interaction Grant			
Kim, Il-Yong	Mechanical and Materials Engineering	Design optimization for lightweight design and efficient design	\$5,000
Natural Sciences and Engineering Research Council of Canada (NSERC) – Collaborative Research and Development Grant			
Liu, Guojun	Chemistry	Oil-and water-repellant coatings for industrial applications (Industrial partner, Lorama Inc., contributed \$200,001)	\$363,999 + \$200,001

Other News

Dr. Adele Crowder (Professor Emeritus, Biology) has received the prestigious John Goldie Award from the Field Botanists of Ontario for her “significant contribution to the advancement of field botany in Ontario.”

Margaret Biggs, the former president of the Canadian International Development Agency (CIDA), has been named the Skelton-Clark Fellow in the Queen’s University School of Policy Studies. This fellowship is intended to promote research and publication in fields underlying problems of public policy by inviting public-affairs experts to Queen’s to interact with students and faculty. During her five-year term with CIDA, Ms. Biggs shaped Canada’s global efforts on maternal and child health, food security, economic growth and democratic governance. She also has extensive experience in other aspects of international policy, including Canada’s work in fragile and conflict-affected states, and in social policy and intergovernmental relations.