

# *Senate Research Report*

*December 2, 2014*

## News

Queen's University announced on November 10 that the NCIC Clinical Trials Group (NCIC CTG) has developed and will lead an international clinical trial of a new class of cancer drug aimed at curing non-small cell lung cancer (NSCLC) in patients who have had surgery and chemotherapy for disease confined to the lung. The academic-led trial will impact lung cancer patients following standard treatment.

Dr. Wendy Craig (Psychology) was honoured on November 3 with the Social Sciences and Humanities Research Council of Canada's Partnership Award, in recognition of her SSHRC-funded formal partnership for its outstanding achievement in advancing research.

Dr. Stefanie von Hlatky (Political Studies) has received a Partnership Development Grant from the Social Sciences and Humanities Research Council (SSHRC) – one of only three professors to ever receive funding from that program in its four-year history. The grant is intended for the study of corporate social responsibility practices within the mining industry.

Ninety-six Queen's University graduate students and post-doctoral trainees have received more than \$3.45 million in scholarships and fellowships from the Social Sciences and Humanities Research Council of Canada (SSHRC). The recipients are conducting research on a variety of topics including bullying, artifact conservation, child welfare, social anxiety, religious accommodation, virtual violence, eating alone and performing arts education. The list of Queen's recipients includes:

- 44 Joseph Armand Bombardier Canada Graduate Scholarships – Master's
- 21 Joseph-Armand Bombardier Canada Graduate Scholarships – Doctoral
- 27 SSHRC Doctoral Fellowships
- 4 SSHRC Postdoctoral Fellows

Queen's University has been awarded \$1.4M in funding from the Canada Accelerator and Incubator Program (CAIP) to strengthen the innovation ecosystem in Eastern Ontario. This award is part of a larger award that is also funding co-applicants Invest Ottawa and Wesley Clover International. The Queen's allocation will enable Innovation Park and PARTEQ Innovations to deliver a variety of virtual and physical incubation services and acceleration programs to high potential startups and emerging SMEs in Kingston and other areas of Eastern Ontario.

## Research Funding

Researcher	Department	Project Title	Amount
<b>Canadian Cancer Society: Innovation Grant</b>			
Craig, Andrew	Cancer Biology and Genetics	Targeting receptors that drive cancer metastasis using synthetic antibodies	\$193,798
<b>Cancer Research Society: Operating Grant</b>			
Elliott, Bruce	Cancer Biology and Genetics	A novel role of ezrin in lymphangiogenesis and lymph node metastasis in breast cancer	\$119,468
Mulligan, Lois	Cancer Biology and Genetics	Isoform-specific regulation of the RET receptor tyrosine kinase	\$120,000
Koti, Madhuri	Biomedical and Molecular Sciences	Role of tumor inflammatory microenvironment in differential therapeutic response in ovarian cancer	\$120,000
Greer, Peter	Cancer Biology and Genetics	Arpin: A novel regulator of actin branching and directional cell migration as a potential therapeutic target in breast cancer	\$120,000
<b>Canadian Institutes of Health Research: New Investigator</b>			
Chivers, Meredith	Clinical Psychology	Sexual desire emerges from arousal: Testing a model of responsive desire in women with and without sexual difficulties	confidential
<b>HSF Ontario Personnel Awards: Clinician Scientist</b>			
Johri, Amer	Medicine	Carotid artery plaque quantification to assess progression of atherosclerosis	\$280,000
<b>NeuroDevNet: Workshop - Brain Camp Award</b>			
Reynolds, James	Biomedical and Molecular Sciences	NeuroGAME2.0	\$15,000
<b>NSERC: Strategic Projects</b>			
Fraser, James	Physics, Engineering Physics & Astronomy	On-the-fly control of laser additive manufacturing	\$408,914
Crudden, Cathy	Chemistry	Supported catalysts for sustainable water oxidation: Completing the cycle for generation of hydrogen from water	\$596,870
<b>The Ontario Mental Health Foundation: Operating Grant</b>			
Hollenstein, Tom	Psychology	A video game intervention to reduce child anxiety	\$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 University Research Services.