

Successful Applicants of the 2018 Health Sciences Internal Grant Competition

The Faculty of Health Sciences Research office and the Kingston General Health Research Institute are pleased to announce the following successful applicants of the 2018 Health Sciences Internal Grant Competition, made available from various sources from the Faculty of Health Sciences trust and endowment funds, and bequests and donations made to the University Hospitals Kingston Foundation.

Pulmonary and Respiratory Research

<i>William M. Spear Endowment Fund in Pulmonary Research Richard K. Start Memorial Fund (Faculty of Health Sciences)</i>		
PI(s)	Project Title	Amount
Stephen Archer (Medicine), Charles Hindmarch (Medicine)	Understanding the Sex-Paradox of Pulmonary Arterial Hypertension in Humans	\$29,000
Katrina Gee (Biomedical & Molecular Sciences)	Molecular mechanisms involved in lung alveolar macrophage activation after influenza viral infection in mouse models of allergic asthma	\$29,000
Tom Massey (Biomedical & Molecular Sciences), Susan Cole (Pathology & Molecular Medicine)	Drug transporters as determinants of the pulmonary toxicity of antidysrhythmic drugs	\$29,000
J Alberto Neder (Medicine)	Exercise-related hypoxemia in chronic fibrosing interstitial lung diseases: does O2 supplementation improve locomotor muscle fatigue?	\$29,000
Denis O'Donnell (Medicine/Respirology)	Central Respiratory Control and Dynamic Respiratory Mechanics during Sleep in Patients with COPD/Obstructive Apnea Overlap Syndrome	\$29,000
Mark Ormiston (Biomedical & Molecular Sciences)	Examining the impact of endothelial BMPR2 loss on BMP9 responses in pulmonary arterial hypertension using whole-transcriptome RNA sequencing.	\$26,168

Cardiovascular Research

Garfield Kelly Cardiovascular Research & Development Fund (Faculty of Health Sciences)		
PI(s)	Project Title	Amount
Adrian Baranchuk (Medicine)	Attitudes and Recommendations of Physicians towards Alcohol Consumption and Cardiovascular Health: A Multi-ethnic international study	\$3,300
Amer Johri (Medicine)	Translational Medicine in Clinical Engineering – Bringing Echo Particle Tracking Velocimetry (EchoPTV) into the Clinical Realm in the Investigation of Novel Plaque Vulnerability Features	\$15,000

Neurological Sciences and Encephalitis Research

Harry Botterell Foundation for Neurological Sciences Dr. James B. Howe Endowment Fund Violet E. Powell Endowed Funds (Faculty of Health Sciences)		
PI(s)	Project Title	Amount
DJ Cook (Surgery)	Characterizing changes in cerebral metabolism following exposure to sub-concussive collisions: A multi-modal approach in youth football players.	\$14,950
Jason Gallivan (Biomedical & Molecular Sciences)	Neural mechanisms underlying human sensorimotor learning	\$15,000
Sarosh Khalid-Khan (Psychiatry)	Integrating Default Mode Network activation and behavioral saccade metrics to predict EMDR treatment response for patients with trauma	\$13,500

Prostate Cancer Research

Prostate Cancer Fight Foundation/TELUS Ride for Dad (Kingston-Quinte Chapter of the Ride for Dad and Big Rideau Watercraft Ride for Dad) (University Hospitals Kingston Foundation)		
PI(s)	Project Title	Amount
Jason Izard (Urology), Alexandre Menard (Diagnostic Radiology)	Real time MRI fused to cone beam CT guided biopsies of the prostate: The safety and feasibility of a novel method of prostate biopsy	\$38,000

Cancer Research

Clare Nelson Bequest Fund (University Hospitals Kingston Foundation)		
PI(s)	Project Title	Amount
Josee-Lyne Ethier (Oncology)	Influence of competing risks of death on the interpretation of adjuvant endocrine therapy trials for breast cancer	\$10,000

Critical Care, Including Palliative and End of Life Research

Women's Giving Circle (University Hospitals Kingston Foundation)		
PI(s)	Project Title	Amount
Shaila Merchant (Surgery)	Patterns of aggressive end of life care in gastrointestinal cancer - focus on palliative care referrals and ICU admissions	\$13,855
Stephanie Sibley (Critical Care Medicine), David Maslove (Critical Care Medicine)	Development and Validation of a Tool for Detection of Atrial Fibrillation in Critical Illness – A Sub-Study of the Atrial Fibrillation Outcomes in Intensive Care Research Program	\$21,553