

University Hospital Foundation Medical Research Competition 2021 Awardees				
PI	Department	Co-PI	Co-Applicant(s)	Project Title
Mahesh Kate	Medicine	Martin Ferguson-Pell	Brian Buck; Ashfaq Shuaib; Michel Gauthier; Vivian Mushahwar	Remote Ischemic Conditioning with Novel Optical Sensor Feedback Device in Acute Ischemic Stroke
Angela Neufeld	Anesthesiology & Pain Medicine	Wing Ying Lam	Antony George; Michael Moon; Sean VanDiepen; Ross Tsuyuki; Melissa Shears	Use of Large Volume Autologous Whole Blood Therapy for Treating Cardiopulmonary Bypass-Induced Coagulopathy In High Risk Patients: A Randomized Control Trial
Sue Tsai	Medical Microbiology and Immunology	Michael Zaugg		Oxylipins as novel therapeutics to boost immuno-metabolism of life-saving total parenteral nutrition: a translational study
Angela Lau	Medicine		Richard Long; Alexander Doroshenko	How much do subclinical patients contribute to tuberculosis transmission?
Paul Jurasz	Pharmacology	Glen Jickling		Monocyte-Platelet Aggregate Formation in Stroke
Stephanie Thompson	Medicine		Michael Stickland; Branko Braam; Aminu Bello; Natasha Wiebe	Lower limb complications in hemodialysis patients: the feasibility of using non-invasive measurements of vascular function to identify risk and response to treatment
Thomas Jeerakathil	Medicine	Craig Chapman	Glen Jickling; Scott Stone; Becky Long	Rapid clinical assessment of vertigo using non-invasive eye-tracking and markerless motion-tracking techniques
Martin Bouliane	Surgery		Graeme Harding, Lauren Beaupre; Anelise Silveira; Stephanie Nathanail	Total versus Reverse Total Shoulder Replacement: A Feasibility Randomized Control Trial
Rhea Varughese	Medicine		Evangelos Michelakis; Dale Lien; Michael Stickland; Jason Weatherald; Puneeta Tandon	REVAMP: Remote Exercise program deliVery using A Mobile phone application for patients with Pulmonary hypertension
Andrew Pepper	Surgery	Peter Senior	Gregory Korbutt	Customized humanized mouse model to advance cell therapies for type 1 diabetes
Darren Lau	Medicine		Rose Yeung; Donna Manca	A randomized trial of intermittently scanned CGM versus Usual care with Diabetes Education and feedback, in adults with type 2 diabetes (iCUDE)
Mahua Ghosh	Medicine	Donna Vine	Jeffrey Bakal	Type 2 Diabetes in Women with and without Polycystic Ovary Syndrome: What is the evidence, risk and co-morbidities?
Kristi Baker	Oncology	Ryan Snelgrove		Activating CD8+ T cell-mediated anti-tumor immunity in colorectal cancer
Hadi Seikaly	Surgery	Khalid Ansari	Martin Osswald; Adetola Adesida	Engineering Clinically Applicable Cartilage Grafts
Frank Hoentjen	Medicine	Karen Madsen; Leo Dieleman; Daniel Baumgart		Metabolomic profiles to assess colorectal cancer risk in patients with ulcerative colitis
Carrie Ye	Medicine	Jacob Jaremko	William Leslie; John Walker; Michael Kolinsky	Opportunistic bone densitometry using computed tomography scan in cancer patients taking immunotherapy: a translational pilot study in oncology
Karyne Rabey	Surgery	Hollie A. Power	Christine Webber; K. Ming Chan	Promoting musculoskeletal health with exercise to improve nerve regeneration following peripheral nerve injury