

2021 NIF Grant Award Recipients

Principal Investigator	Designation	Site	Program/Theme	Project Title/Summary	Awarded	Term
March 2021						
Borges, Flavia Kessler	PhD	HGH	Cardiac & Vascular	Polygenic Risk Score In Myocardial Injury After Noncardiac Surgery. This study is part of the VISION study that assessed >40,000 patients that had non-cardiac surgery and identified that up to 1 in 6 patients may suffer a heart injury after surgery	\$42,500.00	18 months
Dowhaniuk, Jenna	MD	MUMC	McMaster Children's Hospital/Pediatric	Health Outcomes of Family-Screening in the Identification of Pediatric Celiac Disease: Initial results of the CeliacCONNECT Registry. This study will determine health and nutrition outcomes of children identified with Celiac Disease due to screening because of an affected parent or sibling	\$50,000.00	18 months
Hewston, Patricia	Occupational Therapist/PhD	St. Peter's Hospital	Seniors Health & Complex Care	Dancing to Improve Mobility and Cognition: A Feasibility Randomized Control Trial. There is an urgent need for community-based exercise programs that are designed to maintain or improve brain health in seniors. GERAS DANcing for Cognition and Exercise (DANCE) is a new program that will provide evidence on how dance improves brain health	\$30,000.00	18 months
VanHouwelingen, Lisa	MD	MUMC	McMaster Children's Hospital/Pediatric	Pre-Operative Bowel Preparation For Pediatric Patients Undergoing Elective Colorectal Surgery. The goal of the proposed study is to examine the effects of oral antibiotics with and without mechanical bowel preparation on the rate of post-operative infections in pediatric patients undergoing elective colorectal surgery	\$35,000.00	18 months
Wang, Michael	MD	HGH	Cardiac & Vascular	Polygenic Risk Scores For Predicting Perioperative Atrial Fibrillation After Non-Cardiac Surgery. This study will analyze genetic samples in order to determine how genetic scores can help clinicians better predict and understand an irregular heartbeat problem, called atrial fibrillation, that occurs after surgery (except heart surgery).	\$42,500.00	18 months
Wood, Thomas	MD	Juravinski	Rehabilitation & Orthopedic/ Peri-Operative	Randomized Evaluation Of Emerging Novel Treatments For Infection Prophylaxis In Total Joint Replacement. This study will assess an various interventions aimed at reducing joint infections in total joint replacements.	\$50,000.00	18 months
October 2021						
Archer, Victoria	MD	MUMC/MCH	McMaster Children's Hospital/Pediatric	IV Acetaminophen For Postoperative Pain In Neonates: A Feasibility Study. The goal of this study is to know if intravenous acetaminophen provides adequate pain control, reduces the need for opioids, and reduces opioid related complications in premature babies.	\$38,500.00	18 months
Bhatt, Mihir	MD	MUMC/MCH	McMaster Children's Hospital/Pediatric	A Pilot Prospective Feasibility And Safety Trial Of Anticoagulation In Children At Risk Of Thrombocytopenia. This study will evaluate the feasibility and safety of our local institutional protocol of adjustment of blood thinner medicines based on platelet counts in children.	\$43,400.00	18 months
Chaudhuri, Dipayan	MD	Juravinski	Critical Care	Helmet Niv In Acute Respiratory Failure. This study will examine whether a new modality of NIV, the helmet, is superior to the current face mask in reducing mortality.	\$50,000.00	18 months
Kimber, Melissa	PhD	MUMC/MCH	McMaster Children's Hospital/Mental Health	Fostering Child And Adolescent Resilience through Emotion (Families CARE) Project. The study will evaluate whether it is appropriate and useful to implement Emotion-Focused Family Therapy as a mental health intervention for children who have been exposed to child maltreatment.	\$50,000.00	18 months
Leonardi, Mathew	MD	MUMC	McMaster Children's Hospital/Mental Health	Anti-Inflammatory Diet In Management Of Patients With Endometriosis-Associated Symptoms. The goal of the proposed study is a feasibility trial that will help set the stage for a large-scale high-quality randomized controlled trial testing an anti-inflammatory diet in patients with endometriosis.	\$50,000.00	18 months
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