Department of Medicine Research Day 2020 Winners

**Best Abstract, PGY1-3 (4 awarded)**

Danielle Kelton (PGY-3)  
**Supervisor:** Dr. Sean Doran, Dr. Matt Davis  
**Title of abstract:** Evaluating factors related to quality of audio transmission during mandatory paramedic patches and technical barriers to efficient communication in the prehospital setting

Yideng (Eden) Liu (PGY-2)  
**Supervisor:** Dr. Richard Kim  
**Title of abstract:** Apixaban Levels in Class III/Extreme Obesity

Brent Parker (PGY-2)  
**Supervisor:** Dr. Cyrus Hsia  
**Title of abstract:** Comparison of Bone Marrow Blast Cell Percentage in Myelodysplastic

PeiJun Zhao (PGY-3)  
**Supervisor:** Dr. Robert Hegele  
**Title of abstract:** Genetic Determinants of Myocardial Infarction Risk in Familial Hypercholesterolemia

**Best Abstract, PGY4-6 (2 awarded)**

Marc L Chretien (PGY-5)  
**Supervisor:** Dr. George Dresser  
**Title of abstract:** Drug disposition in celiac disease - A study with fexofenadine

Jari Tuomi (PGY-5)  
**Supervisor:** Dr. Qingping Feng  
**Title of abstract:** Dapagliflozin Reduces Atrial Remodelling and Atrial Fibrillation Susceptibility post Myocardial Infarction

**Best Abstract, MSc, MD or Undergrad Student (2 awarded)**

Cassandra McDonald (MSc Student)  
**Supervisor:** Dr. Michael Sey  
**Title of abstract:** A randomized double blind clinical trial of high volume simethicone to improve visualization during small intestinal capsule endoscopy

Sam Papernick (MSc Student)  
**Supervisor:** Dr. Tom Appleton  
**Title of abstract:** Validation of 3D ultrasound segmentation reliability compared to MRI for assessing knee cartilage degradation in osteoarthritis
Best Abstract, PhD, Post-Doc Fellow or Clinical Fellow (1 awarded)

Brandon Baer (PhD Student)
**Supervisor:** Dr. Ruud Veldhuizen
**Title of abstract:** Exogenous Surfactant as a Pulmonary Drug Delivery Vehicle for Budesonide in the Treatment of ARDS

**Kostuk Research Award**

Jari Tuomi (PGY-5)
**Supervisor:** Dr. Qingping Feng
**Title of abstract:** Dapagliflozin Reduces Atrial Remodelling and Atrial Fibrillation Susceptibility post Myocardial Infarction

**General Internal Medicine Best Abstract Award**

Michael Sattin (PGY-4)
**Supervisor:** Dr. Erin Spicer
**Title of abstract:** Analysing the role of a COVID-19 questionnaire at LHSC: a quality improvement initiative

**Geriatric Medicine Best Abstract Award**

Rachel Kyle (PGY-5)
**Supervisor:** Dr. Niamh O’Regan
**Title of abstract:** The Cognitive Vital Sign (CVS): A qualitative study into the feasibility of implementing a new delirium screening tool on the Acute Care of the Elderly unit in London, Ontario

**Quality Improvement Best Abstract Award**

Michael Sattin (PGY-4)
**Supervisor:** Dr. Erin Spicer
**Title of abstract:** Analysing the role of a COVID-19 questionnaire at LHSC: a quality improvement initiative