Recipients of CSCI Resident Research Award

Congratulations to:

2022

First Prize:
Dr. Daniel Meyers, PGY-2 Internal Medicine Resident
**Abstract title:** Development and Validation of a Prognostic Risk Model for Patients with Advanced Non-Small Cell Lung Cancer Treated with Immune Checkpoint Inhibitors
**Authors:** Dr. Daniel Meyers, lead author on this project, and the project supervisor is Dr. Aliyah Pabani. Additional authors include: Drs. Vishal Navani (Co-first author), Yibing Ruan, Devon Boyne, Dylan O’Sullivan, Samantha Dolter, Heidi Grosjean, Igor Stukalin, Daniel Heng, Don Morris, Darren Brenner and Winson Cheung.

Second Prize:
Dr. Fatemeh Ramazani, PGY-3 Otolaryngology Resident
**Abstract title:** Evaluating Sensitivity and Specificity of US and CT as Diagnostic Tools for Pediatric Neck Abscesses
**Authors:** Fatemeh Ramazani, Warren K Yunker, C. Carrie Liu

Honourable Mention:
Dr. Ali Fatehi Hassanabad, PGY-6 Cardiac Surgery Resident
**Abstract title:** Determining the Translational Potential of Human Pericardial Fluid to Improve Clinical Outcomes in Cardiac Surgery
**Authors:** Ali Fatehi Hassanabad, Darrell B Belke, Guoqi Teng, Paul MK Gordon, Antoine Dufour, Jameson A Dundas, Anna N Zarzycki, Justin F Deniset, Paul WM Fedak

2021

First Prize:
Dr. Nicholas Sader, a PGY 4 Neurosurgery/ Clinician Investigator Program Resident
**Abstract title:** Can quantitative susceptibility mapping help diagnose and predict recovery of concussion in children?
**Authors:** Nicholas Sader MD, David Gobbi PhD, Brad Goodyear PhD, Richard Frayne PhD, Miriam Beauchamp PhD, William R Craig MD, Quyhn Doan MD PhD, Roger Zemek MD, Jay-Riva-Cambrin MD MSc (supervisor), Keith Owen Yeates PhD (co-supervisor).

Second Prize:
Dr. Albert Isaacs, a PGY 5 Neurosurgery Resident
**Abstract title:** Reducing the risks of proximal and distal shunt failure in adult hydrocephalus A Shunt Outcomes Quality Improvement (ShOut-QI) Study at the University of Calgary
Authors: Albert Isaacs, MD PhD, Chad Ball MD FRCSC, Nicholas Sader, MD, Sandeep Muram, MD, David Ben-Israel, MD MSc, Geberth Urbaneja, MD, Jarred Dronyk, BA, Rich Holubkov, PhD, Mark Hamilton, MDCM FRCSC FACS (supervisor).

Honourable Mention:  
Dr. Steven Roy, a PGY 5 Critical Care Medicine Fellow  
Abstract title: *Cerebral Glymphatics & Delirium Exploring a candidate pathophysiological basis for delirium*  
Authors: Giuseppe Barisano, Kirsten Fiest (supervisor), Philippe Couillard (supervisor), Karla Krewulak, and Rebecca Brundin-Mather.

2020

First Prize:  
Dr. Stefan Lang, a PGY 5 Neurosurgery Resident. The abstract is entitled: “Theta-burst stimulation for cognitive enhancement in Parkinson’s disease with mild cognitive impairment: a randomized, double-blind, sham-controlled trial”. Authors: Stefan Lang MD$^{1,2,4}$, Liu Shi Gan PhD$^{1,4}$, Eun Jin Yoon PhD$^1$, Alexandru Hangau MD, PhD$^{1,2,5}$, Mekale Kibreab BA$^1$, Jenelle Cheetham BSc$^1$, Tracy Hammer RN$^1$, Iris Kathol PhD$^1$, Justyna Sarna MD, PhD$^{1,2}$, Davide Martino MD, PhD$^{1,2,4}$, Oury Monchi PhD$^{1,2,3,4}$

Second Prize:  

Honourable Mention:  
Dr. Christina Thornton, a PGY 4 Respirology Fellow. The abstract is entitled: “Anaphylaxis and Anaphylactoid Reactions Associated with the Insertion of Peripherally Inserted Central Catheters: A Multi-Year Comparative Retrospective Cohort Study”. Authors: Christina S. Thornton, Jody Dumanski, Cheryl-Anne Margherit, Sandra Vaz-Gonsalves, Sheryl McDiarmid, Michael D. Parkins (supervisor), John M. Conly (supervisor).

2019

First Prize:  
Dr. Jaclyn Strauss, PGY 4 Pediatric Gastroenterology Resident  
“Catheter Related Complications in Central Venous Catheters Locked with Taurolidine vs Ethanol in Pediatric Patients with Intestinal Failure”

Second Prize:  
Dr. Michael Yang, PGY 5 Neurosurgery Resident  
“Development and validation of a clinical prediction score for poor postoperative pain control following elective spine surgery: the Calgary Postoperative Pain after Spine Surgery (CAPPS) Score”
Honourable Mention:
Dr. Rachel Lim, PGY-5 Adult Respirology Resident
“Oxygen in Patients with Fibrotic Interstitial Lung Disease: An International Delphi Survey”

2018

First Prize:
Dr. Michael Yang, PGY4 Neurosurgery Resident

Second Prize:
Dr. Joseph Kendal, PGY-3 Orthopaedic Surgery Resident
BMP-2 Signalling Influences Tumour Biology in Pre-Clinical Models of Osteosarcoma"

Honourable Mention:
Dr. Hassan Azhari, PGY-3 Gastroenterology & Hepatology Fellow
“Association of Distance from a Tertiary Care Centre with Access to Waitlist Placement, Receipt of Liver Transplantation, and Survival in Alberta”