

Recipients of CSCI Resident Research Award

Congratulations to:

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, Quynh 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 PhD¹, Alexandru Hanganu MD, PhD^{1,2,5}, Mekale Kibreab BA¹, Jenelle Cheetham BSc¹, Tracy Hammer RN¹, Iris Kathol PhD¹, Justyna Sarna MD, PhD^{1,2}, Davide Martino MD, PhD^{1,2,4}, Oury Monchi PhD^{1,2,3,4}

Second Prize:

Dr. Aravind Ganesh, a PGY 5 Neurology Resident. **The abstract is entitled:** "Five-year clinical and health economic outcomes in patients with late functional improvement post-stroke: A population-based cohort study". **Authors:** Aravind Ganesh, Ramon Luengo-Fernandez, and Peter Rothwell (supervisor).

Honourable Mention:

Dr. Christina Thornton, a PGY 4 Respiriology 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 Respiriology Resident
“Oxygen in Patients with Fibrotic Interstitial Lung Disease: An International Delphi Survey”

2018

First Prize:

Dr. Michael Yang, PGY4 Neurosurgery Resident
“Calgary Shunt Protocol, an Adaptation of the Hydrocephalus Clinical Research Network Shunt Protocol Reduces Shunt Infections in Children”

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”