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 MD1,2,4, Liu Shi Gan PhD1,4, Eun Jin Yoon PhD1, Alexandru Hanganu MD, PhD1,2,5, Mekale Kibreab BA1, Jenelle Cheetham BSc1, Tracy Hammer RN1, Iris Kathol PhD1, Justyna Sarna MD, PhD1,2, Davide Martino MD, PhD1,2,4, Oury Monchi PhD1,2,3,4

**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”