

## Recipients of CSCI Resident Research Award

*Congratulations to:*

### 2023

**First Prize:** Dr. Daniel Ben Lustig, General Surgical Oncology, Fellow

**Abstract title:** *Comparison of Axillary Lymph Node Dissection Versus Regional Nodal Radiation in Early-Stage Breast Cancer Patients with Three or More Positive Sentinel Lymph Nodes.*

**Authors:** Dr. Dustin Ben Lustig, Drs. Conrad Bayley, Tien Phan, Jason Pao and May Lynn Quan.

**Second Prize:** Dr. Sarah Cook, Medical Oncology, PGY 4

**Abstract title:** *Association between immune-related adverse events and survival in metastatic non-small cell lung cancer.*

**Authors:** Dr. Sarah Cook, Vanessa Samuel, Daniel E. Meyers, Igor Stukalin, Ishjot Litt, Randeep Sangha, Don G. Morris, Daniel Y.C. Heng and Aliyah Pabani.

**Honourable Mention:** Dr. Evan C Compton

**Abstract Title:** *Developing an Artificial Intelligence Tool to Predict Vocal Cord Pathology in Primary Care Settings.*

**Authors:** Evan C. Compton MD MPhil<sup>1</sup>, Tim Cruz MDSA<sup>2</sup>, Meri Andreassen R.SLP SLP(C) CCC-SLP<sup>3</sup>, Shari Beveridge R.SLP SLP(C) CCC-SLP<sup>3</sup>, Doug Bosch MD FRCSC<sup>1</sup>, Derrick R. Randall MD MSc FRCSC<sup>1</sup>, Devon Livingstone MD MTM FRCSC<sup>1</sup>

### 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, 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 FRCS, Nicholas Sader, MD, Sandeep Muram, MD, David Ben-Israel, MD MSc, Geberth Urbaneja, MD, Jarred Dronyk, BA, Rich Holubkov, PhD, Mark Hamilton, MDCM FRCS 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<sup>1,2,4</sup>, Liu Shi Gan PhD<sup>1,4</sup>, Eun Jin Yoon PhD<sup>1</sup>, Alexandru Hanganu MD, PhD<sup>1,2,5</sup>, Mekale Kibreab BA<sup>1</sup>, Jenelle Cheetham BSc<sup>1</sup>, Tracy Hammer RN<sup>1</sup>, Iris Kathol PhD<sup>1</sup>, Justyna Sarna MD, PhD<sup>1,2</sup>, Davide Martino MD, PhD<sup>1,2,4</sup>, Oury Monchi PhD<sup>1,2,3,4</sup>

### **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,



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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”*