



## 2022 BEST ABSTRACT AWARD NOMINEES

### Student:

- Olivia Grech, MRes - *Impact of Glucose On Mitochondrial Function In A Brain Slice Model Of Headache Mechanisms.*
- Adrienne Jarocki, BA - *External Validation of Predictive Models of Long-Term Visual Acuity in Acute Demyelinating Optic Neuritis*
- Tanmay V. Majmudar, BS - *Which OCT Metric Improves Fastest? Towards Optimizing Detection of Early Resolution of Papilledema in Children*
- Kiarra E. Mouzon, BS, MS - *Prevalence and Risk Factors for Pseudotumor Cerebri Syndrome (PTCS) in Pediatric Kidney Transplant Patients*
- Sachi A. Patil, BA - *Longitudinal Inter-Eye Difference Threshold by Optical Coherence Tomography in Multiple Sclerosis (MS)*
- Micalla G. Peng, BS - *Electric Fields Direct Full-Length Optic Nerve Regeneration And Partial Restoration Of Visual Function*
- Hannah H. Resnick, BA, MPhil - *Amblyopia Recovery Following Contralateral Vision Loss: Retrospective Chart Review And Analysis Of Reported Cases*
- Maggie Xing, MPHS - *Risk Factors for Positive Dysphotopsia Following Monofocal Lens Implantation*
- Janine Y. Yang, BS - *AIBSE, AZOOR and MEWDS: Clinical Comparison and Documentation of Conversion*
- Saerom Youn, MSc - *Comparing Diagnostic Accuracy of EDI-OCT, B-scan, Fundus Photography, and Autofluorescence to Detect Optic Disc Drusen*

### Resident:

- Etienne Benard-Seguin, MD - *Artificial Intelligence to Predict Optic Neuritis Subtypes from Ocular Fundus Photographs*
- Michael James Gilhooley, MB, PhD, FRCOphth - *Single Retinal Ganglion Cell Transcriptomics in a Model of Dominant Optic Atrophy*
- Joshua P. Harvey, MA, Bm BCH, FRCOphth - *Genotype-Phenotype Correlations in Autosomal Dominant Optic Atrophy*
- James Mitchell, MB, BS, MRCP - *A randomised controlled, trial of the GLP-1 receptor agonist Exenatide in Idiopathic Intracranial Hypertension*
- James Mitchell, MB, BS, MRCP - *A randomised, sequential, trial of cognitive effects of five drugs used in Idiopathic Intracranial Hypertension*

- Ardalan Sharifi, MD - *Neuro-ophthalmological Side Effect of Immune Checkpoint Inhibitors at a Tertiary Cancer Center*

James A. Sharpe Award by a Fellow:

- Andre Aung, MD - *Referral Patterns to Neuro-Ophthalmology for Presumptive Idiopathic Intracranial Hypertension (IIH) Based on Isolated Neuroimaging Findings*
- Matthew Boyko, MD - *Retinal and Optic Nerve MRI Diffusion-Weighted Imaging Hyperintensity in Acute Non-Arteritic Central Retinal Artery Occlusion*
- Homer Chiang, MD - *Mitochondrial Dysfunction in Patients with Nonarteritic Anterior Ischemic Optic Neuropathy and Optic Disc Drusen*
- Benson S. Chen, FRACP - *Psychometric Validity of the Visual Function Index (VF-14) in Leber Hereditary Optic Neuropathy*
- Natasha Gautam, MD - *Dynamic Blood Flow in the Optic Nerve Head and Peripapillary Choroid in AAION and NAAION.*
- Edward F. Linton, MD - *A New Diagnostic Sign of Carotid-Cavernous Fistula: Delayed Retinal Venular Peak Blood Flow Velocity*
- Kanchalika Sathianvichitr, MD - *Deep Learning can Accurately Distinguish between True Papilledema and Optic Disc Drusen on Fundus Photographs*
- Elena M. Solli, MD - *Quantification of Optic Nerve Head Edema from Fundus Photographs Using Machine Learning*
- Deena Tajfirouz, MD - *Asymptomatic Optic Nerve Enhancement in Myelin Oligodendrocyte Glycoprotein Associated Disease*
- Elisabeth A. Wibroe, MD - *Retinal Vessel Dynamics as a Surrogate Marker for Intracranial Pressure in Idiopathic Intracranial Hypertension*