

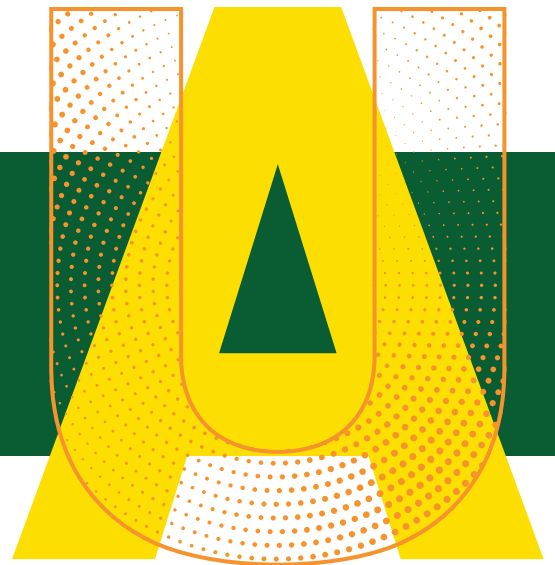


UNIVERSITY
OF ALBERTA

DEPARTMENT OF OPHTHALMOLOGY & VISUAL SCIENCES

SESQUIANNUAL REPORT

August 2023 - March 2025



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The University of Alberta, its buildings, labs and research stations are primarily located on the territory of the N hiyaw (Cree), Niitsitapi (Blackfoot), M tis, Nakoda (Stoney), Dene, Haudenosaunee (Iroquois) and Anishinaabe (Ojibway/Saulteaux), lands that are now known as part of Treaties 6, 7 and 8 and homeland of the M tis. The University of Alberta respects the sovereignty, lands, histories, languages, knowledge systems and cultures of all First Nations, M tis and Inuit nations.

The Department of Ophthalmology and Visual Sciences is located within the the Royal Alexandra Hospital.

CHAIR'S MESSAGE

Welcome to the University of Alberta Department of Ophthalmology and Visual Sciences, centered at the Eye Institute of Alberta at the Royal Alexandra Hospital. Our dedicated team of surgeons are experts in Cataract Surgery, Retina, Cornea, Glaucoma, Pediatrics, Strabismus, Neuro-ophthalmology, Oculoplastics and Orbital Disease, Ocular Oncology, and Vision Rehabilitation.

Over the past 75 years, we have graduated over 137 residents that serve patients and communities in diverse regions as well as many international fellows. As the referral centre for 3 million citizens in Edmonton and northern Alberta, the Northwest Territories, Nunavut, and the Yukon, we care for many heterogeneous patients. We are proud to share our most recent research, education, clinical care, and community / global health efforts in this report.



Edsel Ing, MD, PhD

Professor & Chair, University of Alberta Department of Ophthalmology & Visual Sciences

Eyelid, Orbit & Strabismus Surgery and Surgical Neuro-ophthalmology

AHS Edmonton Zone Chief of Ophthalmology Division



Leave a Legacy

Your donation supports new learning opportunities and experiences for students, funds research and builds spaces for innovation and education.

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SHAPING THE FUTURE OF OPHTHALMOLOGY

The Department of Ophthalmology and Visual Sciences is made up of over 40 ophthalmologists, numerous residents and fellows, and a large team of clinical and research staff. Our members contribute extensively to academic and clinical advancement through research, education and professional service. From August 2023 to March 2025, our team published more than 95 peer-reviewed articles and participated in a broad range of scholarly and professional activities—including conference presentations, clinical trials, successful competitive grants, leadership in academic societies and much more. This report reflects the scope of this work, and showcases the department's continued commitment to advancing ophthalmologic care through scholarship, leadership and innovation.

OUR VISION

To lead patient-centered eye care through outstanding and integrated service, education and research.

OUR FACULTY

Cataract & Comprehensive

Burnett, Heather | Clinical
Chan, Stanley | Clinical
Cheema, Marvi | Clinical
Kassiri, Kamrouz | Clinical
Riyaz, Rehan | Clinical
Rudnisky, Chris | Academic & Clinical
Strungaru, Hermina | Clinical
Ting, Jessica | Clinical
Sandhu, Sim | Clinical

Comprehensive

Rech, Lia | Clinical

Cornea & Cataract

Abuswider, Samer | Clinical
Dorey, Michael | Clinical
Leong-Sit, Joseph | Clinical
Mah, Dean | Clinical
Khaliq Kurji | Clinical

Glaucoma & Cataract

Abuswider, Samer | Clinical
Chen, Sylvia | Clinical
Dorey, Michael | Clinical
Edwards, Marianne | Clinical
Hodges, Jennifer | Clinical
Lehmann, Ordan | Academic & Clinical

Glaucoma & Cataract (Cont'd)

Penner, Victor | Clinical
Palakkamanil, Mat | Clinical

Neuro-ophthalmology

Galvez Ruiz, Alberto | Clinical
Jivraj, Imran | Clinical

Neuro-ophthalmology (Surgical)

Ing, Edsel | Academic & Clinical

Ocular Genetics

MacDonald, Ian | Academic & Clinical
Lehmann, Ordan | Academic & Clinical
Benson, Matthew | Academic & Clinical

Oculoplastics

Badilla, Jaime | Clinical
Chan, Audrey | Clinical
Ing, Edsel | Academic & Clinical
Jivraj, Imran | Clinical
Weis, Ezekiel | Academic & Clinical
Roelefs, Kelsey | Clinical

Retina

Baker, Chad | Clinical
Ehmann, David | Clinical
Greve, Mark | Clinical
Grewal, Parampal | Clinical
Hinz, Bradley | Clinical
Seamone, Mark | Clinical
Uniat, Linda | Clinical

Retina (and Uveitis)

Somani, Rizwan | Clinical
Tennant, Matthew | Clinical

Pediatrics & Adult Strabismus

Pollock, Natashka | Clinical
Pollock, Travis | Clinical
Solarte, Carlos | Academic & Clinical
Drummond, Garry | Clinical
Benson, Matthew | Academic & Clinical
MacDonald, E Anne | Clinical

Strabismus Surgery

Ing, Edsel | Academic & Clinical

Ocular Pathology

Dorey, Michael | Clinical

Oncology

Weis, Ezekiel | Academic & Clinical
Roelefs, Kelsey | Clinical

Visual Rehabilitation

Cheema, Marvi | Clinical

PhD Vision Scientist

Carr, Brittany | Academic

2024 HOSPITAL CLINIC VISITS

**2024 CLINIC VISITS & DIAGNOSTICS
ROYAL ALEXANDRA HOSPITAL**

27,246

**EDMONTON ZONE AHS SURGICAL VOLUMES,
ADULT HOSPITAL AND CSF.**

25,083

Cataract: Hospital-based (RAH, Fort Saskatchewan, Westview) | 8,292

Cataract: Chartered Surgical Facilities | 8,789

Glaucoma | 757

Retina | 1,250

Strabismus | 447

Cornea, Plastics and Other | 2,782

Plastics: Chartered Surgical Facilities | 880

Royal Alexandra Hospital Minor surgery | 1,886

Total | 25,083

EMERGENCY AND URGENT AFTER HOURS SURGERIES

633 per annum

PEER-REVIEWED PUBLICATIONS

August 2023 - March 2025

BELONGING, ACCESSIBILITY, AND COMMUNITY

Tao BK, Bondok M, **Ing EB**. The case for Indigenous land acknowledgments in scholarly publishing. *Lancet*. 2024 Apr 20;403(10436):1538-1539. doi: 10.1016/S0140-6736(24)00587-7

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RETINA

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UVEITIS

Bondok MS, He B, Ka-Lok Tao B, Bondok M, Hussain A, **Ing E**. Incidence of Sympathetic Ophthalmia after Intraocular Surgery: A Systematic Review and Meta-analysis. Ophthalmology. 2024 Jul;131(7):836-844. doi: 10.1016/j.ophtha.2024.01.014.

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PEDIATRICS & STRABISMUS

Moorjani R, Sanders E, Lavery K, Abou Mehrem A, Anand R, Dotchin SA. G-ROP versus WINROP for Retinopathy of Prematurity Screening: A Calgary Perspective. Can J Ophthalmol. 2025.

Huang JJ, Saleem A, Liao EX, Larocque M, Menon G, Murtha A, **Solarte C, Weis E**. Incidence of Strabismus Post-Plaque Brachytherapy in Patients With Uveal Melanoma. Am J Ophthalmol. 2024 Jun;262:161-169. doi: 10.1016/j.ajo.2024.01.032.

OPHTHALMOLOGY & SOCIETY

Zielinski C, Winker MA, Aggarwal R, Ferris LE, Heinemann M, Lapeña JF, Pai SA, **Ing E**, Citrome L, Alam M, Voight M, Habibzadeh F; WAME Board. Chatbots, generative AI, and scholarly manuscripts: World Association of Medical Editors (WAME) recommendations on chatbots and generative artificial intelligence in relation to scholarly publications. Curr Med Res Opin. 2024 Jan;40(1):11-13. doi: 10.1080/03007995.2023.2286102.

Ing EB. Comment on: “Comparing Physician and Artificial Intelligence Chatbot Responses to Patient Questions Posted to a Public Social Media Forum”, JAMA Internal Medicine, Aug 2024. <https://jamanetwork.com/journals/jamainternalmedicine/fullarticle/2804309>

MacDonald I. William Gregory (Bill) Pearce MD, FRCS(C). Ophthalmic Genet. 2024 Jun;45(3):319. doi: 10.1080/13816810.2024.2313508.

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Balas M, Wadden JJ, Hébert PC, Mathison E, Warren MD, Seavilleklein V, Wyzynski D, Callahan A, Crawford SA, Arjmand P, **Ing EB**. Exploring the potential utility of AI large language models for medical ethics: an expert panel evaluation of GPT-4. J Med Ethics. 2024 Jan 23;50(2):90-96. doi: 10.1136/jme-2023-109549.

OPHTHALMOLOGY & NEW TECHNOLOGIES

Balas M, **Rudnisky CJ, Ing EB**, Hidden in plain sight: AI-driven steganography and watermarking for secure transmission of ophthalmic data, AJO International, Volume 1, Issue 2,2024,100043,ISSN 2950-2535, <https://doi.org/10.1016/j.ajoint.2024.100043>

Balas M, Wong DT, **Ing EB**. Blockchain technology: revolutionizing ophthalmology and patient-centred care. Can J Ophthalmol. 2024 Feb;59(1):e99-e101. doi: 10.1016/j.jcjo.2023.10.006.

MEDICAL EDUCATION

Tao BK, Ding J, **Ing EB**, Kohly RP, Langan R, Nathoo N, Rocha G, Sogbesan E, Teja S, Siddiqi J, Khosa F. Gender, Race, and Ethnicity of US Academic Ophthalmology Faculty and Department Chairs From 1966 to 2021. JAMA Ophthalmol. 2024 Aug 1;142(8):742-748. doi: 10.1001/jamaophthalmol.2024.2375

Kherani I, Kritzinger J, Micieli J, Wong J. Evaluating Smartphone Fundoscopy as a Pedagogical Tool in Medical Education: A Narrative Review. Canadian Journal of Ophthalmology. October 2023.

Papp KM, **MacDonald IM**. Breaking bad news in ophthalmology: a pilot skills workshop for residents. Can J Ophthalmol. 2024 Oct;59(5):e479-e482. doi: 10.1016/j.jcjo.2023.09.009.

Bondok M, Bondok MS, Law C, Nathoo N, **Damji KF**. Trends in ophthalmology applicants going unmatched in the Canadian Resident Matching Service. Can Med Educ J. 2024 Feb 29;15(1):62-67. doi: 10.36834/cmej.77287.

Paco C, Pucchio A, Nathoo N, Mishra A, **Damji KF**, Law C. Development of a standardized Canadian undergraduate medical education ophthalmology curriculum. Can J Ophthalmol. 2024 Apr;59(2):e130-e134. doi: 10.1016/j.jcjo.2023.01.005.

Ing E, Balas M, Al-Asmar A. Anti-nepotism policies and resident selection at Canadian medical schools. JFO Open Ophthalmology. 2024 Dec 10:100151.

Tao BK, Gou D, Chen J, Phord-Toy R, Lo J, Tsai CC, **Ing E**, El-Hadad C. Evaluation and Comparison of the Comprehensiveness of Canadian and American Ophthalmology Residency Program Websites. In Seminars in Ophthalmology 2024 Dec 29 (pp. 1-7). Taylor & Francis.

Samuel A, Solish D, Lo C, Tanya SM, Nguyen AX, Ziai S. A cross-sectional evaluation of the Medical Student Symposium at the Canadian Ophthalmological Society Annual Meeting: a quality improvement survey. AME Medical Journal. 2025 Mar 30;10. doi: 10.21037/amj-23-223

BOOKS AND BOOK CHAPTERS

Benson MD, Traboulsi EI, Brooks BP. Chapter 8: Anophthalmia, Colobomatous Microphthalmia, and Optic Fissure Closure Defects. Genetic Diseases of the Eye 3rd Edition. 2024. Oxford University Press (in press).

Benson MD, Traboulsi EI, Brooks BP. Chapter 12: Congenital Anomalies of the Optic Nerve. Genetic Diseases of the Eye 3rd Edition. 2024. Oxford University Press (in press).

Rudnisky C, Teaching Cataract Surgery: Philosophy and Technique, in Section 5, Medical Teaching, Editors **Ing EB**, Tyndel F. Medical Teaching. Practical Pearls. EBI Publishing, Toronto. Updated Jan 2025. <https://www.amazon.ca/Award-Winning-Medical-Teaching-Edsel-Ing/dp/1778032311>

PRESENTATIONS

INTERNATIONAL PRESENTATIONS

Carr BJ, Skitsko D, Song J, Ju MJ, Moritz OL. (2023). A frog model of age-related retinal atrophy. The XXth Retinal Degeneration Symposium (RD2023). Torremolinos, Spain, Oct 2023.

Carr BJ. Polysialic Acid: A versatile marker for Müller glia in common model organisms and systems. Keystone Symposia. Targeting Dry Age-Related Macular Degeneration: Pathophysiology and Emerging Therapies. Asilomar, CA, USA., Sept 2024

Galvez A. Case-Based Neuro-Ophthalmology: What can we Learn from Complex Presentations? Case 1. 39th World Ophthalmology Congress, Vancouver, BC, Aug 19, 2024.

Roelefs KA, Saffari P, Homer N, Wolkow N, Tooley A, Goldberg R, Rootman D, **Badilla J**, Liu D, Demirci H, Juntipwong S, Kim I. Cranial Neuropathies Due to Perineural Spread of Squamous Cell Carcinoma: A Multi-Center Series and Literature Review, International Society of Ocular Oncology Biennial Conference, Goa, India. Dec 2024

Roelofs K. Pearls for periorbital fat transfer. UCLA Aesthetic Eyelid and Facial Rejuvenation Course. July 2024.

Solarte C, Capo H, Dagi L, Velez F, Gunton K, Indaram M. Complexities of Vertical Strabismus, American Association of Pediatric Ophthalmology and Strabismus, online Sept 12, 2024.

Weis, E. “The evolving role of tocilizumab, mycophenolate and methotrexate in TED.” 39th World Ophthalmology Congress, Vancouver, BC, Aug 19, 2024.

Chae T, Jivraj I. “Ophthalmic Manifestations and Management of Cerebral Venous Thrombosis”. Accepted abstract, North American Neuro-ophthalmology Society Annual Meeting 2025, Tuscon, AZ

Chae T, Penner V, Samuel A. University of Alberta Exposure Keratopathy Ocular Protection Protocol Video, ASCRS 2025 Film Festival, Los Angeles, CA. https://youtu.be/kTnrvDzLY_s?si=AwcA8PIBia23Vpno

Ing E. Homonymous Hemianopsia Research. Ophthalmology Symposium, Chengdu University of Medicine (CDUTCM), Department of Ophthalmology, Chengdu, China. Nov 16, 2024, online

Ing E. 1) Ophthalmology Concepts All Health Practitioners Should Know. 2) Medical Education and Data Visualization Techniques all Health Practitioners should know 3) Equity, Diversity and Inclusion in Medicine and Ophthalmology. Chengdu University of Medicine (CDUTCM) Xinglin International Month, Chengdu, China. Nov 11, 2024, online

Ing E. “Nutamen Oculi”. The 4th Global Neuro-ophthalmology Case Festival, hosted by the Neuro-ophthalmology Special Interest Group, India, Day 2, Aug 25, 2024, online.

Ing E. “Artificial Intelligence in Oculoplastics: The Good”, Orbital, Oculoplastic, and Lacrimal Diseases Subspecialty Day. Controversies in Oculoplastics and Orbital Disease, 39th World Ophthalmology Congress, Vancouver, BC, Aug 18, 2024.

Ing E. “Temporal Artery Biopsy: Is it Necessary to Diagnose Giant Cell Arteritis”, Neuro-ophthalmology Subspecialty Day. Controversies in Neuro-Ophthalmology, 39th World Ophthalmology Congress, Vancouver, BC, Aug 18, 2024.

Ing E. “Wait List Perturbations”, Canadian Association of University Professors - Issues Facing Academic Ophthalmology, 39th World Ophthalmology Congress, Vancouver, BC, Aug 16, 2024.

Ing E. “Augmented Intelligence for Ophthalmic Diagnosis” Aga Khan University Ophthalmology Research Day Rounds, Karachi, Pakistan, Aug 9, 2024, online

Ing E. “Blepharoptosis in Pregnancy: A Gravid Differential Diagnosis”. The Third Global Neuro-ophthalmology Case Festival, sponsored by the Neuro-ophthalmology Special Interest Group, India. Sept 17, 2023, online

NATIONAL PRESENTATIONS

Benson M. Inherited Retinal Disease, Visiting Professor, University of Saskatchewan, Sept 2024.

Binczyk N, Cheema M. Canadian Ophthalmological Society Annual Meeting, Low Vision Rehabilitation Session. Technology use in patients with low vision. Toronto, ON. Jun 1, 2024.

Betsch D, Hodgson K, Bonatti R, Shuba L, Eadie B, Rafuse P, **Palakkamanil M**, Nicolela, M. Initial results on safety and efficacy of sub-tenon triamcinolone injection versus a conventional steroid drops postoperative regimen following glaucoma surgery. Canadian Ophthalmology Society, Glaucoma Session, Toronto, ON. May 31, 2024

Liu D, Chan A. Canadian Ophthalmological Society Annual Meeting, Pathology Session, Primary Mycosis Fungoides of the Eyelid: A diagnostic challenge. Toronto, ON May 30, 2024.

Roelofs, K et al. Canadian Ophthalmological Society Annual Meeting, Pathology Session, Occam’s Razor or Hicam’s Dictum: A mysterious case of scleral involvement. Toronto, ON May 30, 2024.

Weis E, et al. Canadian Ophthalmological Society Annual Meeting, Pathology Session, “An Unusual Intraocular tumour”, Toronto, ON, May 30, 2024.

Weis E, et al. Canadian Ophthalmological Society Annual Meeting, Pathology Session. “So Young So Rare”, Toronto, ON, May 30, 2024.

N Binczyk, **H Burnett, CJ Rudnisky.** Lidocaine use in cataract surgery. Presentation at the Canadian Ophthalmology Society Annual Meeting, Toronto, ON, June 2024.

Ing E, Oculoplastics Session 1. “Eyelid Surgery Pearls and Pitfalls.” Toronto, ON. May 31, 2024.

Ing E, Nassrallah G. Canadian Ophthalmological Society Annual Meeting, Oculoplastics Session 2. “Superotemporal skin transposition to augment the repair of tarsal ectropion.” Toronto, ON. May 31, 2024.

Ing E, Ophthalmic Jeopardy ORANGU-CAN (omni-specialty) rounds, University of Toronto Ophthalmology Grand Rounds, Nov 22. 2024

Ing E. Visiting Professor. “1) Equity Diversity & Inclusion. 2) Oculoplastics” University of Saskatchewan Grand Rounds, Jan 19. 2024.

Ing E. Oculoplastics Introduction (3 hours) TORIC Canada Wide Resident’s Introduction to Ophthalmology Course, University of Toronto, Toronto, ON. Canada. (3-hour lecture) June 2023 and June 2024

Ing E, Galvez Ruiz A, Jivraj I. Hemianopia Rehabilitation. Canadian Stroke Congress, Nov 2024, Calgary, AB

TUESDAYS WITH THE TITANS: OPHTHALMOLOGY UPDATE & REVIEW LECTURE SERIES

The Tuesdays with the Titans lecture series provided updates in comprehensive ophthalmology and an in-depth review of all ten ophthalmic subspecialties. Hosted by U of A’s Department of Ophthalmology & Visual Science in partnership with the Association of Canadian University Professors of Ophthalmology (ACUPO), the weekly webinar series featured esteemed experts from multiple institutions across Canada and beyond. Running from January through March 2025, this initiative was the only nation-wide review program of its kind in Canada and a defining strength of ophthalmic education at the U of A.



Alex Kaplan
(University of Toronto), Uveitis, January 7, 2025.



Ike Ahmed
(University of Toronto, University of Utah), Cataract, January 21, 2025



Michel Belliveau
(University of Ottawa, Queen’s University), Oculoplastics, January 14, 2025



Kamiar Mireskandari and Crystal Cheung
(University of Toronto), Pediatrics, January 28, 2025



James Farmer
(University of Ottawa,
Queen’s University),
Pathology, February
4, 2025



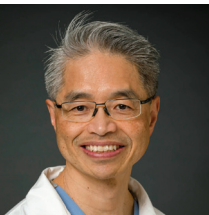
Paul Grewal
(University of Alberta),
Retina, February 25, 2025



Delan Jinapraya
(Queen’s University),
Glaucoma, February
11, 2025



**Rahul Sharma and
Claire Sheldon**
(University of Toronto,
University of British
Columbia), Neuro-
Ophthalmology, March 4, 2025



Hall Chew
(University of British
Columbia), Cornea,
February 18, 2025



Michael Wan
(University of Toronto),
Optics, March 11, 2025

EXTRAMURAL PRESENTATIONS

Carrell, S, Srivastava O. Eye Anatomy and Surgery, Discovery Day Workshop in Health Sciences, University of Alberta, Edmonton, AB. Nov 2, 2023.

Ing E. Ophthalmology as a Career. Discovery Day in Health Sciences Speakers Panel, University of Alberta, Edmonton, AB. Nov 2, 2023.

Chae T. Ocular Emergencies 101. Joint Commission on Allied Health Personnel in Ophthalmology. Continuing Education Program for Allied Health Personnel, 2023, Edmonton, AB

Chae T. The negative effects of strabismus in characters portrayed in Films and Animation. Continuing Education Program for Allied Health Personnel, Feb 2025, Banff, AB

Kherani I, Srivastava O. Eye Emergencies. Joint Commission on Allied Health Personnel in Ophthalmology. Continuing Education Program for Allied Health Personnel, Feb 2025, Edmonton, AB

Ruparelia S, Jivraj I. Atypical presentations of MOG, Eye Physicians and Surgeons Association of Alberta Conference, Feb 2025, Banff, AB.

I Roy I, Tavakoli M, **Ing E.** Mixed Reality for Vision Rehabilitation: Enhancing Navigation for Stroke and Brain Injury Patients, University of Alberta Robotics & Intelligent Systems Expo, Nov 2024, Edmonton, AB.

Song J, Chung H-Y, **Ing E.** A Plastic Eyelid Spring For Facial Nerve Palsy, University of Alberta iSMART Summer/Co-op Student Presentation Day Program, Aug 23, 2024, Edmonton, AB

Grewal, P. Age Related Macular Degeneration - Update, Edmonton Society of Optometrists, May 2024

Ing E. Orbital Tumours & Orbital Trauma. University of Toronto Core Resident Lectures, Toronto, ON, Oct 6, 2023.

Ing E. Neuro-ophthalmology and the Eyelids: Questions and Answers, Neuro-ophthalmology Resident Core Sessions, University of Toronto. Sept 27, 2024.

Ing E. The Tao of TAO (thyroid-associated orbitopathy). University of Alberta Endocrinology Rounds. Edmonton, AB. Oct 10, 2023.

Ing E. Neuro-ophthalmology ex altera parte. University of Alberta Neuroscience Grand Rounds. Edmonton, AB. Oct 27, 2023.

Benson, M. Fighting Blindness Canada’s View Point. Calgary, AB. 2023.

Samuel A, Moorjani R, Strungaru H. Cataract Surgery Journey (For Patients and Families) Video: https://youtu.be/rX3kmrO8CMk?si=HjD5S_auaegjTVmD

COMPETITIVE GRANTS

Canadian Institutes of Health Research (CIHR). Ciliary Pathways in Neurogenetic Disease \$849,150 2019 – 2027. **Ordan Lehmann**, Principal Investigator.

CIHR Team Grant 2024BRD, Toward clinical translation of retinal gene therapy for Zellweger Spectrum Disorder \$1,137,500 2024-2028. **Matthew Benson**, Co-Applicant

Fighting Blindness Canada Early Career Researcher Grant. Exploring the role of peroxisomes in lipid homeostasis in the retinal pigment epithelium \$184,105 2024-2026. **Matthew Benson**, Principal Investigator

Whitearn Foundation \$14,459, 2024 **Matthew Benson**

BrightFocus Foundation (\$611,000 over 3 years), 2024, **Brittany Carr**, Principal Investigator

Canadian Foundation for Innovation John R. Evans Leaders Fund Infrastructure Grant, 2024, \$502,440, **Brittany Carr**

Whitearn Foundation \$16,134, 2024 **Brittany Carr**

Fighting Blindness Canada, \$200,000 over 2 years, 2024, **Brittany Carr**

CLINICAL TRIALS

Fighting Blindness Canada Patient Registry, Foundation Fighting Blindness Consortium NCT05589714, Matthew Benson

Hemianopsia Rehabilitation after Visual Pathway Stroke or Brain Injury, NCT06241209, Principal Investigator, Edsel Ing

Roche GP44729 **Satralizumab in participants with moderate-to-severe Thyroid Eye Disease**. Investigators: Edsel Ing, Audrey Chan, Jaime Badilla

Immunovant IMVT 1401-3201 **Batoclimab for the treatment of Active Thyroid Eye Disease**. Investigators: Audrey Chan, Jaime Badilla, Edsel Ing

ShORe-enrollment closed; actively running-anticipated end November 2025
Full Title: A Phase 3, Multicentre, Double-masked, Randomised Study to Evaluate the Efficacy and Safety of Intravitreal OPT-302 in Combination with Ranibizumab, Compared with Ranibizumab Alone, in Participants with Neovascular Age-related Macular Degeneration (nAMD)
Principal Investigator at Alberta Retina Consultants: Dr. Mark Greve

ASCENT-currently enrolling; actively running-anticipated end 2026
Full Title: A Randomized, Partially Masked, Controlled, Phase 3 Clinical Study to Evaluate the Efficacy and Safety of RGX-314 Gene Therapy in Participants with nAMD
Principal Investigator at Alberta Retina Consultants: Dr. Mark Greve

Insite-enrollment closed; actively running-anticipated end September 2026
Full Title: Treat & Extend versus Fixed Dosing with Faricimab for Management of Diabetic Macular Edema: A Pragmatic, Multi-center, Open-label, Randomized, Controlled Trial
Principal Investigator at Alberta Retina Consultants: Dr. Matthew Tennant

PARASOL-enrollment closed; actively running-anticipated end October 2025
Full Title: A Phase 2b, Randomized, Double-masked, Multicenter, Doseranging, Sham-Controlled Clinical Trial to Evaluate Intravitreal JNJ-81201887 (AAVCAGsCD59) Compared to Sham Procedure for the Treatment of Geographic Atrophy (GA) Secondary to Age-related Macular Dege
Principal Investigator at Alberta Retina Consultants: Dr. Mark Seamone

SVO-IDFIH002-PulseMedica-currently enrolling; actively running-anticipated end 2025
Full Title: Acquisition of Imaging Data of Vitreous Opacities in Human Eyes Using a Non-Invasive Imaging Device. Principal Investigator at Alberta Retina Consultants: Dr. Mark Greve

AWARDS

Kelsey Roelefs, Best Paper, International Society of Ocular Oncology Biannual Meeting, Goa, India, Dec 2024 (*In 2024 Dr. Roelefs was awarded the Los Angeles Multi-Specialty Cosmetic Academy Rising Star Award, and the 2024 Spring YASOPRS John B. Holds Rising Star Award a few months prior to her beginning her appointment at the University of Alberta)

Brittany Carr, 1st Place, University of Alberta, Department of Cell Biology CBSA Photo Contest, 2024

Edsel Ing, Innovator of the Year, Edmonton Zone Medical Staff Association, Nov 2024

AWARDS NOMINATIONS

Matthew Benson, Association of Canadian University Professors of Ophthalmology Leadership Award, Feb 2025

DEPARTMENT OF OPHTHALMOLOGY & VISUAL SCIENCES GRADUATE STUDENTS

Constantin Mouzaaber: The role of PEX-1 and PEX-6 in the retinal pigment epithelium. MSc, Benson, graduated 2024, DOVS)

Toqa Adelwahab (MSc, Benson)

Ehsan Misaghi: The role of PIKFYVE in the retinal pigment epithelium. (Medical Genetics, MD/PhD, Kannu & Benson)

Mahnoor Shoukat (MSc, DOVS, Carr)

Issac Cantine (MSc, Carr)

STUDENT AWARDS (2023-2024)

Supervisors Hyun-Joong Chung (Engineering) and **Edsel Ing** (FoMD), Dec 10, 2024

Mahnoor Shoukat. *Cook Family Endowment (\$20,000)* (Supervisor: Brittany Carr)

Allison Tran, Basic Science Research Award, UoA Ophthalmology & Visual Sciences Research Day, 2024 (Supervisor: Brittany Carr)

Muneeb Rehman, NSERC Summer Student Award (\$6000) (Supervisor: Brittany Carr)

Jooyoung Song. UoA Engineering Outstanding Research Performance. Innovative Plastic Eyelid Spring.

Ehsan Misaghi. Fighting Blindness Canada Clinician-Scientist Emerging Leader Award (\$40,000). Precision Medicine Award in Ophthalmology (\$5000), Ron Spence Graduate Award in AI4 Society (\$5000) (Supervisor: Matt Benson)

Constantin Mouzaaber: Precision Medicine Award in Ophthalmology (\$5000), Sigma Xi Grants in Aid of Research (\$2500) (Supervisor: Matt Benson)

Toqa Abdelwahab: Alberta Odd Fellow Rebekah Vision Science Graduate Student Research Award (\$2000) (Supervisor: Matt Benson)

UNDERGRADUATE RESEARCH INITIATIVE STIPEND AWARDS

(Supervisor: Brittany Carr)

Allison Tran. Undergraduate Research Stipend (Winner Eureka Journal Cover Contest) NSERC Summer Student Award, 2023 (\$6000) (Supervisor: Brittany Carr)

Linnea Kriese (Winner of cover image contest for the 57th FoMD Summer Student Symposium) (Supervisor: Brittany Carr)

Nicol San Juan (Runner up of Eureka Journal Cover contest) (Supervisor: Brittany Carr)

Abdullahi Mohamed, 57th Summer Students' Research Day Award Recipient (\$250), NACTRC Summer Studentship (\$3000), (Supervisor: Matt Benson)

Brandon Huynh: Edwin Isaac Clarke Scholarship (\$1000), Precision Medicine Award (\$5000), Alberta Innovates Summer Research Studentship (\$7500), (Supervisor: Matt Benson)

Hamed Hojjat: The Dorothy Jean Usher Memorial Summer Research Award (\$3000), (Supervisor: Matt Benson)

EDITORIAL BOARDS

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Chris Rudnisky: Epidemiology section editor

Matthew Tennant: Retina section editor

Edsel Ing: 1) Oculoplastics section editor 2) Medical Education section editor

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Ian MacDonald, editor

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Edsel Ing, re-elected Director at Large, 2025-

SOCIETAL POSITIONS & SERVICE

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Carlos Solarte: External Reviewer, 2023-

Matthew Tennant, Retina Area of Focused Competency

Edsel Ing, Ophthalmology Chairs Committee, and RAC Fellowship Affairs Committee, 2023-

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Audrey Chan, President, 2025-2026

NORTH AMERICAN SOCIETY OF ACADEMIC ORBITAL SURGEONS

Kelsey Roelefs, Social Media Director 2025-

CANADIAN GLAUCOMA SOCIETY

Sylvia Chen, Chairman Awards Committee, 2024-

CANADIAN OPHTHALMOLOGICAL SOCIETY EQUITY, DIVERSITY & INCLUSION WORKING GROUP

Edsel Ing, member 2021-

ASSOCIATION FOR RESEARCH IN VISION AND OPHTHALMOLOGY (ARVO)

Matthew Benson, Continuing Medical Education Committee Member

FIGHTING BLINDNESS CANADA

Matthew Benson, Patient Registry Steering Committee



GLOBAL OPHTHALMOLOGY & MISSION WORK

Aga Khan University, Karachi, Pakistan. Ophthalmology residency program development. Dr. Carlos Solarte. 2023, 2024.

University of Development Studies, Tamale Ghana, 2023. Dr. Carlos Solarte

Cuenca, Ecuador, October 2024, Rotary Club of Edmonton: Dr. Travis Pollock, Dr. Rahul Moorjani

Cuenca, Ecuador, October 2023, Rotary Club of Edmonton: Dr. Travis Pollock, Dr. Marvi Cheema, Dr. E. Anne MacDonald, Dr. Natalie Binczyk, Dr. Natalie Arnold, Dr. Jaime Badilla.

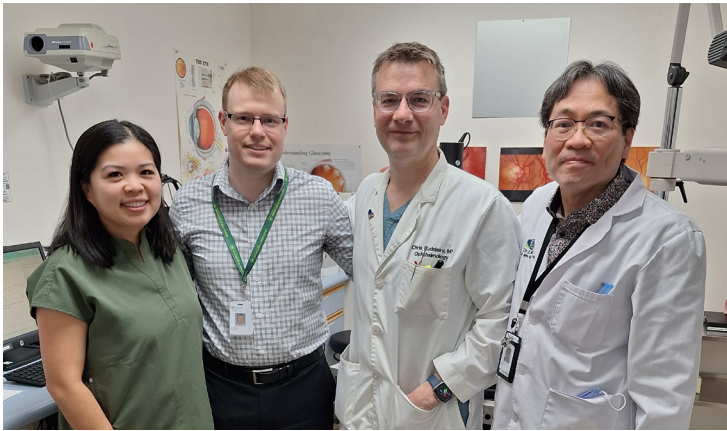
Guatemala, Rotary Club of Edmonton, Jan-Feb 2025: Dr. Jennifer Hodges.



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