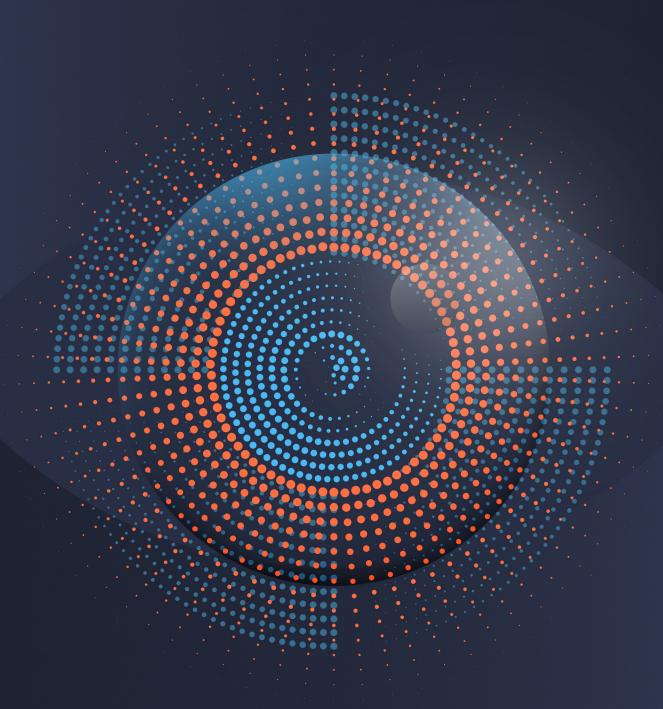
CANADIAN OPHTHALMOLOGICAL SOCIETY





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PRESIDENT AND CEO MESSAGE



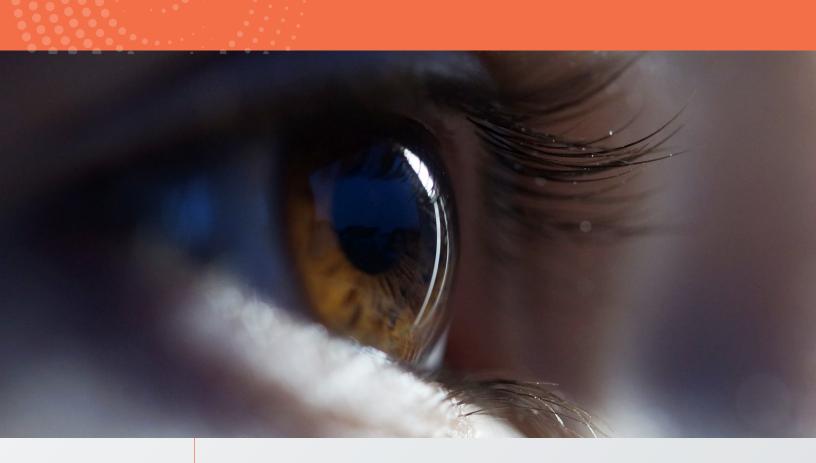
Phil Hooper, MD, FRCSC President



Elisabeth Fowler, MBA
Chief Executive Officer and
Executive Director

85 years... that's an impressive number. In that time, ophthalmology has come an extraordinary distance, and, after more than two years of significant change due to the pandemic, we are grateful to our members who have stood by us, supporting the mission of the COS and lending their expertise by volunteering on working groups and committees. We are also very appreciative of the COS staff who have worked hard to create educational, communications, and advocacy opportunities and resources to help advance ophthalmology in Canada.

This year, we were pleased to deliver unique and innovative professional development opportunities to members, including webinars, exciting updates to the Practice Resource Centre website, and an incredible in-person Annual Meeting & Exhibition in Halifax, Nova Scotia. We also created several advocacy resources for members to use in their outreach to government, including Making Your Voice Heard: Getting Started with Advocacy; as well as tools to advocate for a National Vision Health Desk. Working with Health Canada on drug shortages was another area of focus, with unprecedented numbers of ophthalmic drug shortages occurring in 2022.



New in 2022, the COS convened a Provincial President's Council to help increase collaboration, communication, and cooperation among our provincial members. 2022 was also a year where COS members lent their experience and expertise to create several position papers on topics ranging from Vision Therapy to Biosimilars.

This annual report highlights some of the important work the COS accomplished in 2022. We hope you enjoy reading it and are inspired to continue to contribute, to lead, and to give the organization the perspective of your knowledge.

Phil Hooper, MD, FRSCS President Elisabeth Fowler, MBA
Chief Executive Officer and
Executive Director

PILLARS OF ORGANIZATIONAL EXCELLENCE AND CORE VALUES



The COS is guided by our strategic plan (2020-2025) which encompasses overall Organizational Excellence, and strategic foci in the following pillars: **education**, **advocacy**, **communications and brand strategy**, **and strategic relationships**.

OUR CORE VALUES

The following core values guide the work of the COS team across all our initiatives:

- Vision and Leadership
- Integrity and Respect
- Lifelong Learning

2022 ACCOMPLISHMENTS



Education



1,236

attendees



Canadian and internationally renowned keynote speakers



35

exhibitors

Annual Meeting & Exhibition – June 9-12, 2022 Halifax, Nova Scotia

2022 marked our first in-person meeting in three years and the COS team and our many volunteers committed to delivering a program and exhibition that exceeded expectations. We were excited, to say the least!

From Away, Together Again was a fitting and inspiring theme as we overcame unprecedented challenges. The excitement was contagious at #COS2022, attracting an impressive 1,236 attendees, 18 Canadian and internationally renowned keynote speakers, 17 sponsors and 35 exhibitors, and state-of-the-art equipment and surgical materials.



co-developed symposia



sessions



speakers



Highlights of the meeting:

Scientific programming at its best

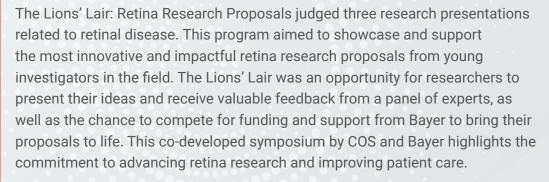
This year, the COS had many unique presentations and interactive sessions. COS 2022 included 2 co-developed symposia, 51 unique sessions featuring close to 300 speakers and an average attendance of 75 delegates per session. The meeting also offered up to 29.25 MOC Section 1 credit hours, 7.5 Section 2 credit hours and 12 Section 3 credit hours. In addition, we also had many new and in-demand STCs including:

- Technologies and Public and Global Eye Health Research to explore various modalities to reach remote communities and marginalized urban populations.
- Interactive STC on Social Eye Care: Meeting the Needs of the Vulnerable Populations in Canada.
- Yamane Double Needle Technique for Scleral IOL Fixation.

Our Resident's Symposia hosted eight speakers and offered an opportunity for young ophthalmologists to network and learn from each other as well as experts in the field. And the Women in Ophthalmology Symposium: How to Break the Glass Ceiling session showcased four inspiring keynote speakers, Dr. Irit Bahar, Dr. Patricia-Ann Laughrea, Dr. Andrea Molinari, and Dr. Carol Shields, who shared their vision with us and transformed us with their presence and energy.



Interactive co-developed accredited symposia:



Breaking News on Shaping the Future of AMD and DME, this co-developed symposium by COS and Roche hosted three international experts: Dr. Sunir Garg, Dr. Michael Ip, and Dr. Wai-Ching Lam and explored new surgical and non-surgical treatments for nAMD and DME, along with the top five signs not to miss in imaging.

Inaugural EDI Symposium

The Equity, Diversity and Inclusion Symposium focused on the impact of racism in medicine and healthcare, emerging research on gender equity in ophthalmology and how to integrate Indigenous health concepts into the provision of culturally sensitive care. We were honoured to have Dr. Marcia Anderson, Executive Director, Indigenous Academic Affairs, University of Manitoba deliver the keynote speech.









Lifetime Achievement Award - Dr. William Dixon

The COS was proud to honour the contributions of Dr. William Dixon by awarding him this year's Lifetime Achievement Award. Dr. Dixon is an Eye Bank specialist and leader within his field and the future of ophthalmic care and research. Through his involvement with the Department of Ophthalmology at the University of Toronto, CNIB, Eye Bank of Canada, Sunnybrook Health Sciences Centre, Orbis Canada, amongst others, Dr. Dixon has continued to maintain the highest standards of patient care and advance the practice and future of ophthalmology.

COS Awards for Excellence in Ophthalmic Research

Annually, the COS Awards for Excellence in Ophthalmic Research recognizes residents, fellows and medical students who are conducting original, innovative research at a Canadian university. The COS is proud to recognize the following paper and poster winners:

Paper Winners

First prize:

Dr. Henry Liu, Transfer Learning using Macular OCTA to Differentiate LHON Vasculature from Normal Vasculature

Second prize:

Dr. Austin Pereira, A Comparison of the Toronto Artificial Intelligence Model for Intraocular Lens Power Calculation to 12 Preoperative Cataract Formulas: A Preliminary Validation Study

Third prize:

Dr. Mariam Issa, Ophthalmic Findings in Marginally Housed Women in a Canadian Urban City and Dr. Raheem Remtulla, Leveraging Machine Learning Techniques to Predict Visual Acuity Improvement in Response to Occlusion Therapy in Amblyopic Eyes.

Poster Winners

First prize:

Dr. James (Jake) Armstrong, Corneal Hysteresis and Central Corneal Thickness: A Significant Association with SIBS Microshunt Surgical Outcomes

Second prize:

Dr. Jonathan El-Khoury, Boston Type I Keratoprosthesis versus Penetrating Keratoplasty following a Single Failed Corneal Graft

Third prize:

Dr. Jessica Cao, Novel 63µm ab interno gelatin microstent versus conventional 45µm microstent: Early results



Sold Out Exhibit Space

The sold out Exhibition Hall solicited incredible industry attendance, and we are grateful for their support. The dynamic and interactive booth space and the commitment by the sponsors and exhibitors brought the show to life, elevating it to the role of a prime social and professional environment for delegates to engage.

Special Thanks

The COS would like to thank the international keynote speakers and local invited speakers who lent us their expertise and provided excellent opportunities for education and discussion. We thank the delegates who attended sessions, the Session Chairs and STC Course Directors for developing rich educational programming, and the sponsors who gave us their generous support. The conference would not have been the same without the contributions of each one of them.

We sincerely thank the Planning Committee and COS staff under the direction of Dr. Mona Dagher. Thank you for making this meeting such a success.

2022 Annual Meeting Planning Committee

- Dr. Mona Dagher, Chair
- Dr. Marie-Josée Aubin, Global Ophthalmology and Public Health
- Dr. Nupura Bakshi, Equity, Diversity & Inclusion
- Dr. Raj Bindlish, Glaucoma
- Dr. Isabelle Brunette, Ocular Regenerative Medicine
- Dr. Clara Chan, Cornea,
 External Disease & Refractive
 Surgery
- Dr. Varun Chaudhary, Retina
- Dr. Marvi Cheema,
 Comprehensive Vision
 Rehabilitation
- Dr. Béatrice Des Marchais,
 Women in Ophthalmology
- Dr. Jean Deschênes, Uveitis
- Dr. Maryam Eslami, Residents and Young Ophthalmologists
- Dr. James Farmer, Ophthalmic Pathology
- Dr. Robert Gizicki, Glaucoma

- Dr. Patrick Gooi, Skills Transfer Courses
- Dr. Cindy Hutnik, Glaucoma
- Dr. Micah Luong,
 Comprehensive Vision
 Rehabilitation
- Dr. Kamiar Mireskandari, Paediatric Ophthalmology
- Dr. Nav Nijhawan,
 Oculoplastics
- Dr. Michael Nyugen, Residents and Young Ophthalmologists
- Dr. Jacinthe Rouleau, Neuroophthalmology
- Dr. Allan Slomovic, Ocular Regenerative Medicine
- Dr. Josh Teichman, Cataract Surgery
- Dr. Jing Wang, Glaucoma
- Dr. Sonia Yeung, Cataract Surgery
- Dr. Vivian Yin, Global
 Ophthalmology and Public
 Health



Practice Resource Centre

Early in 2022, the COS PRC launched new functionality: it now has a member's login and reading list. On the PRC, COS members can login and save content to their reading list for future viewing or they can email themselves the reading list. Additionally, recorded content from COS webinars has been added to the PRC for COS members-only access.

Accreditation in 2022

The COS is a recognized leader in the field of medical education, offering accreditation services for a wide range of medical education programs. In 2022, COS accredited 22 educational programs. As an accreditation partner, the COS is dedicated to supporting the continuous quality improvement of medical education programs and ensuring they meet the highest standards of excellence. Partnering with the COS for accreditation services can help you ensure the quality and impact of your program and demonstrate your commitment to excellence in medical education. For more information on accreditation at COS, please visit cosprc.ca.

53rd Sally Letson Symposium

Adopting Innovation: Staying Ahead Without Falling Behind

The COS was pleased to support the SLS again this year. Almost 500 delegates attended the 53rd Sally Letson Symposium, September 8-10, 2022. Ophthalmologists and other vision health professionals learned from Canadian and international speakers on wide-ranging topics such as adapting innovation into practice in the field of ophthalmology. The program included high-yield sessions on cataract and refractive surgery planning and techniques, subspecialty pearls and updates, and general eye care topics.







Webinars in 2022

We were pleased to offer the following webinars:

- LGBTQ2S+ Issues in Ophthalmology this webinar examined the status of health equity for LGBTQ2S+ patients and professional equity for LGBTQ2S+ ophthalmologists, with a view to creating safe spaces for and allyship with the LGBTQ2S+ community.
- What You Need to Know About Inherited Retinal Disease in the Age of
 Molecular Medicine this webinar explained the importance of genetic
 testing and counseling for Inherited Retinal Dystrophies (IRD) patients and
 their families; effectively communicated the potential benefits of current
 and emerging gene therapies; and identified genetic testing and counseling
 resources in their respective regions and confidently refer patients accordingly.
- retinal fluid management and its impact on age-related macular degeneration (nAMD). Helping participants refine and optimize their nAMD management practices by recognizing therapy compliance issues and interpreting the significance of recalcitrant fluid and managing complications of anti-VEGF therapy and aimed to equip participants with the skills to identify common and less common complications and effectively manage nAMD, were two topics highlighted in this webinar. The overall goal was to help participants refine and optimize their nAMD management practices.
- Advancing Equity, Diversity, and Inclusion in Ophthalmology Insights from
 Dr. Keith Carter discussed obvious inequities in society and healthcare and
 shared data showing the current state of healthcare disparities.



Canadian Journal of Ophthalmology

The CJO continues to grow under the guidance of Editor-in-Chief Dr. Varun Chaudhary and saw an increase in impact factor to 2.592 – the highest in the history of the journal.

Key Outcome Metrics for 2022

Impact Factor: 2.592 Journal Ranking: 35 of 93

Other Key Metrics



CJO Social Media Followers Snapshot (January 9, 2023)





Advocacy



The COS Advocacy Council, under the leadership of Advocacy Chair Dr. Vivian Hill (Alberta), continued to meet and address issues of importance to the profession. With thanks to members of the Advocacy Council, and numerous ad hoc working groups, many new advocacy resources and initiatives were created and can be found in the members-only section of the COS website.

Drug Shortages remained an area of focus with unprecedented numbers of ophthalmic drugs going into shortage in 2022. COS drug shortages liaisons, Dr. Jamie Taylor and Dr. David Plemel, forged excellent relationships with Health Canada and industry partners to alleviate shortages and elevate some drugs to Tier 3 status.

The Provincial President's Council was launched in 2022 to help increase collaboration between provinces. The group plans to meet quarterly to discuss issues of importance in their provinces, to share information, and to discuss collaborative projects.

New Resources

- Making Your Voice Heard Getting Started with Advocacy: A Primer
- Non-hospital Surgical Centres Advocacy Principles
- Eye Care in Canada A Defined Professional Collaboration
- Creation of resources to support advocacy and government relations efforts for the implementation of a National Vision Health Desk

New Position Statements

Through engagement with many volunteer working group members, we created Position Statements on:

- Vision Therapy (or Behavioural Optometry)
- · Equity, Diversity & Inclusion
- Guidelines for Refractive Surgery Advertising (update)

We also collaborated with the Canadian Retina Society on the development of the following joint statements:

- An update on the worldwide worldwide Visudyne supply shortage, after working with Health Canada on addressing the shortage.
- · A message regarding safety concerns with Novartis' Beovu.
- The creation a position paper on Elmiron (Pentosan Polysufate Sodium).
- Joint Position Statement on Biosimilar Drugs (with the Canadian Uveitis Society)

We would like to thank the many volunteers who gave their time and expertise to research and write these position statements.



Communucations & Brand Awareness



EyeCan: A Canadian Lens on Ophthalmology

The COS was pleased to continue work on season two of the popular EyeCan podcast which covers topics of interest to ophthalmology from a uniquely Canadian lens. Since inception, the podcast has garnered over 5,000 downloads from Canada and around the world. We engaged our listeners with a variety of topics:

- Operating in the fourth wave of Covid and discussing mandatory vaccinations and how to approach the topic with staff we're joined by Lauren Brecher, a lawyer from Ottawa
- · Being a resident Today Dr. Michael Nguyen
- · Canadian Women in Medicine Dr. Setareh Ziai
- Strabismus Surgery Dr. Yi Ning J. Strube
- · Equity, Diversity, and Inclusion Dr. Nupura Bakshi
- 2022 at the Canadian Ophthalmological Society Dr. Colin Mann
- Talking Markets and Investments with MD Financial Craig Maddock and Ian Taylor
- · Bioinformatics, Deep Learning, and Clinical Epidemiology Dr. Cecilia Lee
- Mindfulness and Physician Wellness Dr. Agnes Wong
- Global Ophthalmology Dr. Vivian Yin

We thank MD Financial for their support of the podcast in seasons one and two.











See the Possibilities

Our public awareness website continued to focus on three objectives in 2022:

- 1. **Demonstrate and define the value of ophthalmology:** Raise the awareness and promote the value of ophthalmologists and develop an appreciation of the services they provide.
- **2. Differentiate:** Distinguish ophthalmologists from optometrists in a meaningful and respectful manner.
- **3. Make it matter**: Empower the targeted public to take control/responsibility of their eye health (e.g., learning/understanding their risk, take action to reduce their risk of vision loss, know when/how to see an eye doctor).

Promotion and awareness through Facebook and Instagram, banner ads, and word of mouth and referrals to the site raised awareness of the importance of eye and vision care among Canadians.

Total Users	Year: 2021 13,855	2 ²⁰²² 21,422
Page views pages/sessions	Year: 2021 39,447/2.32	40,746/195
Time on site	Year: 2021 1:23	0:56

Public and Media Relations

In 2022, we covered a lot of ground with our outreach to Canadians. Press releases on the following topics ensured COS was the expert organization for the media and public awareness:

Glaucoma Awareness Month

AMD Awareness Month

World Glaucoma Week

Sports Eye Safety Month

Vision Health Month

UV Safety Awareness Month

Back to School + Children's Eye Health and Safety Month

World Sight Day and the release of joint survey findings (a collaboration with Canadian Association of Optometrists)

Diabetes Awareness Month

Safe Toys and Gifts

These releases netted us more than:

20 interviews with COS spokespeople

600 million total media impressions 107 earned media stories



Strategic Initiatives



COS Foundation

The COS Foundation is the philanthropic and outreach arm of the Canadian Ophthalmological Society. The goal of the COS Foundation is to enhance ophthalmological care and to advance education and research in the field of ophthalmology in Canada. It is through the COS Foundation that we aim to help those around the world access crucial resources for vision health.

COS Foundation Awards

Thanks to the generous support of the Raymond Stein Family, the COS Foundation has supported the Harold Stein Innovator Lectureship at the COS Annual Meeting and Exhibition since 2018. This lectureship award is given to a keynote speaker who has advanced innovation in ophthalmology.

In 2022, the Harold Stein Innovator Lecture was provided by Dr. Carol Shields on June 10, 2022. Dr. Shields' lecture focused on Conjunctival Tumors: From Surgery to Topicals to Biologics. We would like to thank the many volunteers who gave their time and expertise to research and write these position statements.



Eyes On Ukraine

The Foundation actively worked with a team of ophthalmologists on the Eyes on Ukraine initiative, raising more than \$75,000 to purchase medical devices and medicine for physicians on the ground in Ukraine, and more than \$500,000 in in-kind donations from industry.

Website

In addition, the COS Foundation website was launched in February 2022, and joined CanadaHelps to facilitate donations.

MEMBERSHIP

Member Benefits

COS membership offers many opportunities, including:

- Engage and connect with your ophthalmic community
- Continuously build on your medical portfolio
- Stay updated on COS' advocacy and communications efforts, through our Council on Advocacy
- Continue to be informed on all things Ophthalmology in Canada and receive access to members-only information on advocacy, education and more

2022 Member Numbers by Province

COS exists because of, and for its members. Retaining and attracting members is fundamental to our ability to be the unified voice and the future of ophthalmology in Canada.

In 2022, COS had 834 members and 236 residents/fellows:



2022 New Members

We are pleased to welcome the following new members to COS:

Benjamin Abraham, PhD (Halifax)

Dalal Al-Roumi, BMSc, MD (Kuwait)

Parnian Arjmand, MD (Ontario)

Brian Ballios, MD (Ontario)

Myra Butler, MD (British Columbia)

Yufeng Chen, MD (Ontario)

Maria Valeria Correia Pereira Da Silva, MD (Ontario)

Natasha Dang, BMSc MD (Ontario)

Louis-Philippe De Blois, MD (Quebec)

Elianne De Larochelliere, MD (Quebec)

Nimesh Desai, MD (Ontario)

Érica Doucet, MD (New Zealand)

Harald Gjerde, MD (British Columbia)

Noel Cesar Gonebo, MD (Côte d'Ivoire)

Parampal Grewal, MD (Alberta)

Jonathan Heston, MD (British Columbia)

Eijaz Badee Hosham, MD (Turkey)

Samir Jabbour, MD (Quebec)

Mohammad Karam (Kuwait)

Kianoosh Keyhanian, MD (Ontario)

Irfan Nizarali Kherani, MD (Ontario)

Danica Kindrachuk, MD (Newfoundland)

Étienne Laurier, MD (Quebec)

Victoria Leung, MD (Ontario)

Andrew Robert William Machuk, MD (Alberta)

Michael Marchand-Gareau, MD (Quebec)

Rosanna Martens, MD (Alberta)

Rasayi Mdlankomo, MD (Newfoundland)

Milad Modabber, MD (Ontario)

Faycal Mokhtari, MD (France)

Mohamed Mongy, MD (New Brunswick)

Sin Yee Ng, MD (Ontario)

David Plemel, MD (Alberta)

Veronique Promelle, MD (Nova Scotia)

Amandeep Rai, MD (Ontario)

Amrit Rai, MD (Ontario)

Michael Ross, MD (British Columbia)

David Schulz, MD (Ontario)

Banakesari Shetty, MD (Nova Scotia)

Hazel Shillingford-Ricketts, MD (Dominica)

Kian Soltani, MD (Switzerland)

Alexander Soon, MD (Ontario)

Daniela Strauch, MD (New Brunswick)

Barbara Teboul, MD (Quebec)

Nathalie Teboul, MD (Ontario)

Lili Tong, MD (Ontario)

Louis Vaillancourt, MD (Quebec)

Colten Wendel, MD (British Columbia)

Angela Zhang, MD (Ontario)

BOARD, STAFF TEAM, AND PARTNERS

COS fulfills its mandate with a dedicated staff and the diligent efforts of many volunteers who give their valuable time to improve eye care for all Canadians and to advocate for the profession.

COS Board of Directors



Phil Hooper, MD
President



Colin Mann, MD Immediate Past President



Mona Dagher, MD Chair, Annual Meeting Planning Committee



Vivian Hill, MD Chair, Council on Advocacy



David Plemel, MD Secretary



Hady Saheb, MD
Chair, Council on Continuing
Professional Development



Briar Sexton, MD
Treasurer



Setareh Ziai, MDBoard Liaison, Resident and
Young Ophthalmologist Affairs

Staff Team

Elisabeth Fowler, Executive Director/CEO

Rita Afeltra, Manager, Membership & Meeting Logistics

Laura Aliaga, Administrative Assistant

Christine Bruce, Project Lead, Meeting Logistics & Exhibits; Manager, Event Operations, Sponsorship and Exhibits (as of November 2022)

Kate Cooke, Governance Coordinator

Fetun Delessa, Program Coordinator, Education (until March 2022)

Marie-Ève Deschatelets, Senior Coordinator, Continuing Professional Development

Barbara Moore, Administrative Assistant; Coordinator, Continuing Professional Development, Practice Resource Centre (as of March 2022)

Danika Nieuwkoop, Senior Coordinator, Continuing Professional Development; Manager, Continuing Professional Development (as of July 2022)

Suzanne Purkis, Managing Editor, Canadian Journal of Ophthalmology

Moneika Ramsinghani, Coordinator, Communications and Public Affairs

Cheryl Ripley, Director, Continuing Professional Development (until June 2022)

Kim Tytler, Manager, Communications and Public Affairs

Councils, Committees and their Chairs 2021/2022

Annual Meeting Planning Committee: Mona Dagher, MD CJO Editorial Board: Varun Chaudhary, MD, Editor-in-Chief

Council on Advocacy: Vivian Hill, MD

Council on Continuing Professional Development: Hady Saheb, MD

COS Awards of Excellence: Cindy Hutnik, MD

Equity, Diversity, and Inclusion (EDI) Working Group: Nupura Bakshi, MD

Eye Bank Committee: Stephen Brodovsky, MD

Investment Committee: Ravi Dookeran, MD; Briar Sexton, MD (as of June 2022)

Maintenance of Certification Committee: Hady Saheb, MD

Nominating Committee: Colin Mann, MD Practice Resource Centre: Christine Law, MD

Residents and Young Ophthalmologists (Board Liaison): Setareh Ziai, MD

Skills Transfer Courses: Patrick Gooi, MD

Stakeholders and Partners

COS works with our subspecialty societies, provincial ophthalmology associations, the academic community, and our partners in eye care on major issues to position the expertise and skill of ophthalmology to government, the media, the public, and other medical and eye healthcare providers.

In 2022, COS collaborated and partnered with the following organizations:



























Key Partners/Liaisons

Allied Health

Canadian Orthoptic Council Canadian Society of Ophthalmic Medical Personnel Canadian Society of Ophthalmic Registered Nurses The Canadian Orthoptic Society

Affiliated Societies and Special Interest Groups

Association des médecins ophtalmologistes du Québec British Columbia Society of Eye Physicians and Surgeons Canadian Association for Public Health & Global Ophthalmology Canadian Association of Paediatric Ophthalmology and Strabismus

Canadian Cornea, External Disease & Refractive Surgery Society

Canadian Glaucoma Society

Canadian Neuro-ophthalmology Society

Canadian Ocular Regenerative Medicine Society

Canadian Ophthalmic Pathology Society

Canadian Retina Society

Canadian Society of Oculoplastic Surgery

Canadian Uveitis Society

Canadian Vision Rehabilitation Society

Cataract Surgery Comprehensive Ophthalmology

Council of Canadian Ophthalmology Residents

Eye Physicians and Surgeons of Alberta (EPSAA)

Eye Physicians and Surgeons of Atlantic Canada (EPSAC)

Eye Physicians and Surgeons of Manitoba (EPSOM)

Eye Physicians and Surgeons of Ontario (EPSO)



Canadian Ophthalmological Society



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