

Canadian Anesthesiologists' Society



COMMITTEE & SECTION REPORT 2022

Table of Contents

COMMITTEE REPORTS	3
Archives & Artifacts	3
Awards Committee	5
Continuing Education and Professional Development	6
Physician Wellness	7
Quality and Patient Safety	9
Research Advisory	12
Scientific Affairs	15
Standards	17
SECTION REPORTS.....	20
Ambulatory	20
Cardiovascular & Thoracic	22
Environmental Sustainability	24
Neuroanesthesia	25
Obstetrics	27
Pediatric	29
Regional and Acute Pain	30
Residents	31
AFFILIATES & FOUNDATION REPORTS	33
Association of Canadian University Departments of Anesthesia	33
Canadian Anesthesia Research Foundation	34
Canadian Anesthesiologists' Society International Education Foundation	35

COMMITTEE REPORTS

ARCHIVES & ARTIFACTS



Archives & Artifacts Committee

Chair: Dr Michael Wong

Initiatives/ Projects:

- Presidential Interviews Project
 - Members of the committee have been conducting interviews with the living CAS past presidents who are able and willing to share their stories and experiences. This oral history initiative will help to preserve the memory of some of the leading anesthesiologists in Canada, contextualize the major shifts in anesthesia practice in Canada during the preceding decades, and also provide biographical vignettes of these fascinating and very interesting individuals.
 - The transcripts from these interviews will be made available on the CAS website later in 2023.
- *Anesthesia News* History Corner
 - We have been maintaining a column in the quarterly *Anesthesia News*, highlighting aspects of Canadian anesthesia history.
 - These articles were initially written solely by members of the Archives & Artifacts committee, but recent columns have been written by medical students (Amy Liu, McMaster University; Kush Patel, University of Ottawa). It is encouraging to see that younger medical learners are interested in this subject matter. On a related note, I am proud to point out that a high proportion of our committee members are early-career clinicians and trainees, which is promising for the future of the committee as well as promotion and preservation of history of anesthesia in Canada.
- CAS Archives & Artifacts social media presence
 - We started a Twitter account (@CAS_History) in spring 2022, to improve historical awareness and provide updates from our committee as well as information from CAS, its other committees/sections, and CJA.

- We are now expanding to Instagram (cas_history) and Mastodon (@CAS_History@med-mastodon.com)

Events:

- CAS Annual Scientific Meeting History Symposium: “Anesthesia Care Models in Canada: How Did We Get Here?” with Dr Homer Yang
 - This was a well-attended in-person session, with many questions and comments from the audience.

Top 3 Achievements:

- Presidential Interviews Project
- 10th Annual History Symposium
- Social Media Outreach

Goals for 2023:

- Collaborate with CAS office to commemorate the 80th Anniversary of the founding of CAS, including but not limited to:
 - Setting up a historical display at the Annual Scientific Meeting in Quebec City;
 - Selling commemorative coins as a fundraiser in support of CASIEF and/or CARF;
- Organize the 11th Annual History Symposium at the Annual Scientific Meeting;
- Complete the Presidential Interviews Project;
- Continue collecting oral histories from key members of CAS as well as Canadian anesthesiologists at large;
- Organize a national webinar on a topic of historical interest;
- Continue to ensure the committee has an active and vibrant membership;
- Collaborate with international partners on a history of anesthesia session at the World Congress of Anaesthesiologists 2024 in Singapore;
- If requested, contribute to a nomination package for the Canadian Medical Hall of Fame for a notable Canadian anesthesiologist – we have previously worked on nomination packages for Drs Harold Griffith and John Wade; and,
- Jointly author an academic manuscript about the Canadian Society of Anaesthesiologists (1920-1928), a predecessor of the CAS, with contribution from all Archives & Artifacts Committee members.

Links:

History Corner articles: <https://www.cas.ca/en/practice-resources/anesthesia-news>

AWARDS

Chair: Dr Juan-Francisco Asenjo

Committee Members:

- Dr Achal Dhir
- Dr Richard Hall
- Dr Gregory Hare
- Dr Angela Ridi
- Dr Maria Salman
- Dr Jennifer Vergel de Dios

The Awards Committee continues the work to oversee and adjudicate the CAS Honour Awards Program. The group wants to recognize and thank Drs Bell, Cheng and Baxter, who recently stepped down for their active roles. Kudos and CAS appreciates your commitment and time devoted to this task. The Awards Committee has consolidated the team with the support of the National Office in the second year at work. We have two positions available and expect to have new members filling those seats sometime soon. Diversity, Equity & Inclusion is being further integrated into the adjudication of the awards to ensure there is no bias. There will be a representative of the EDI Committee joining the Awards Committee.

CONTINUING EDUCATION AND PROFESSIONAL DEVELOPMENT (CEPD)

Chair: Dr Fahad Alam

Committee leadership

After more than a year of the CEPD Committee's work being led by the CAS Manager for Education, the Committee was successful in recruiting a Chair and Vice Chair in 2022. The Chair is Dr Fahad Alam and the Vice Chair is Dr Sabine Nabecker, both from Toronto.

Committee meetings

The Committee met two times during the year, in April and in September. During the first meeting the members reviewed and approved a revised CAS CPD mission and approved the new committee leadership. In September, the committee had its annual meeting.

CAS CPD Mission

CAS is a National Specialty Society and an accredited CPD provider with the Royal College of Physicians and Surgeons of Canada. As part of our commitment to excellence in CPD and the maintenance of our status, we have revised our CPD mission to reflect the society's mission and include measurable goals, ensuring we monitor our progress and stay on track. The new CPD mission was included in an interim report submitted to the Royal College in May 2022, a crucial milestone in maintaining the Society's accreditor provider status, and received positive feedback. You can find the updated mission and goals [here](#).

Accreditation activity

In 2022, our committee had twelve accreditation reviewers who successfully reviewed 12 accreditation applications comprising 38 education activities, ranging in complexity from a one-hour webinar to multi-day conferences with multiple Section 1 streams and Section 3 activities. We approved over 160 hours of CME credits for CAS and seven other organizations, addressing all the CanMEDS roles (105 hours of Section 1, 45.75 hours of Section 3 SAP and 12.5 hours of Section 3 SIM). The accreditation service generated a revenue of \$6,500.

Other Activities

The CEPD Committee has continued advising the Annual Meeting Committee on educational matters.

A CEPD Committee subgroup has been involved in the revision of the CAS moderator training modules, leading to their successful re-accreditation in 2023. We are very grateful to Drs Virendra Arya, Justine Denomme and Natalie Goucher for their support.

PHYSICIAN WELLNESS

Chair: Dr Saroo Sharda

Initiatives/ Projects:

Embedding wellness and equity standards into CAS 2022 standards

- Led by Dr Saroo Sharda in collaboration with Standards Committee Chair, Dr Dobson
- First time wellness standards included in CAS Standards Creation of national wellness framework led by Dr Mandeep Singh

Top Achievements:

1. From CJA special Announcement – Guidelines to the Practice of Anesthesia – Revised Edition 2022

“Every anesthesia department should have some form of Physician Health and Wellness committee or advocate. We are very pleased that for the 2022 edition we have had the opportunity to collaborate with the CAS Physician Wellness Committee, led by Dr Saroo Sharda as committee Chair. Together, we have taken some small but important steps toward promoting wellness both in general and specific within our practice guidelines. You will all hopefully be familiar with the CAS Physician Wellness Committee and their work. It was created towards the end of 2019 in acknowledgement by the CAS that physicians are typically quiet in their struggles that they may be facing and that it has been difficult to fully appreciate the scope of the frequency and severity of stress, fatigue, physician impairment, and burnout. It was created to open up the discussions in a formal way. The Committee has organized a number of events and initiatives focusing initially primarily on peer support. National and international experts have provided training to a number of CAS members. This has included not only training on how to provide peer support to an individual but also on the important organizational factors and change management skills required to build and sustain programs. The Committee’s goal also is to create a Canadian anesthesiology wellness framework to promote collaboration for the development of individual and organizational peer support, to garner facility resources, and to share successes.

Readers will note the entirely new section, 2.3 Physician Health and Wellness, formerly called Fitness to Practice. It represents the single most comprehensive change to the Guidelines for 2022. We hope that you share together with us in our enthusiasm and the expectation that it will inspire positive change.”

2. Dr Sharda appointed Associate Dean Equity and Inclusion Faculty of Health Sciences McMaster University

Goals for 2023:

1. Finalize and publish Canadian Anesthesia Physician Wellness Framework
2. Onboard new Chair and Vice Chair
 - ii.

Links:

Dr Saroo Sharda's Twitter Account:

https://twitter.com/SarooSharda_MD/status/1481828977933176833?s=20

2022 Guidelines: https://www.cas.ca/CASAssets/Documents/Practice-Resources/Guidelines/Dobson2021_Article_GuidelinesToThePracticeOfAnest_1.pdf

2022 Guidelines Editorial from Dr Gregory Dobson:

https://link.springer.com/article/10.1007/s12630-021-02134-8?utm_source=toc&utm_medium=email&utm_campaign=toc_12630_69_1&utm_content=etoc_springer_20220107

QUALITY AND PATIENT SAFETY

Chair: Dr Conor Mc Donnell

Committee Membership:

In June 2022, Dr Jordan Tarshis stepped down from the QPSC after many years of invaluable contributions and collaboration. He will be sorely missed, and we thank him for his collegiality and wisdom over the years. As incoming CEPD committee Chair, Dr Fahad Alam (Ontario) has assumed this role on the QPSC.

In 2022, we also welcomed Dr Olajide Kowe (Alberta) as a new committee member. Added to 2021's recruitment of Drs Esther Kang (Montreal), and Niveditha Karrupiah (Ontario), we continue to broaden our reach both in terms of geography and opportunities to observe and model best EDI practices with BIPOC/BAME representation and recognition.

Committee Functioning:

In continuing to address EDI within the QPSC we added an 'EDI-lens identifier' to QPSC agendas, highlighting those areas of committee activity which confer opportunities to bring EDI values and discussion into the workings of our group. The November 2022 Meeting agenda identified four meeting items which conferred opportunity to address and discuss QI considerations with an added EDI lens.

QPSC held three meetings in 2022. A low-turnout for the hybrid meeting on the first day of the CAS Annual Meeting (due mostly to travel-related difficulties) brought a discussion around whether the QPSC Terms of Reference (TOR) address minimum attendance to establish a quorum. No such term exists and considering the volunteer nature of QPSC and difficulties in scheduling meetings, the committee did not feel it necessary to add a quorum statement to the TOR, while also recognizing no major votes or decisions are taken without full discussion by other means beyond official meetings.

Committee Activity:

Contributions to the 2022 CAS Annual Meeting:

- The John Wade Safety Symposium (delivered by Drs Lisa Calder & Avi Parush) on Situational Awareness was well attended and the feedback, both via assessment forms and informal, was excellent. Feedback forms are available on request.
- The Workshop, also on Situational Awareness, was delivered twice by Drs Vanessa Sweet and Avi Parush, and was very much enjoyed. However, some constructive feedback commenting on 'over-complexity of logistics' on the days was heard and the Chair accepts this as a lesson of his first efforts at organizing QPSC content. Future submissions will concentrate firmly on keeping the message and content simple and manageable.

- The contributions of Drs Gregory Dobson and Jordan Tarshis, who both stepped in to relieve the Chair due to a conflict, are gratefully acknowledged here. Also, the invaluable contributions of Dr Vanessa Sweet to the workshops and local engagement with Dalhousie University (despite the obstacles she faced as mentioned above) are also acknowledged with the Chair's sincere gratitude and admiration.
- The Ian White Patient Safety Award was unanimously awarded to a project which addressed Beta-Lactam allergies and contributions to Surgical Site Infections. This work was carried out by Dr Tariq Esmail, Toronto, Ontario. At June meeting, QPSC made following recommendations as we all move forward from virtual / hybrid to in-person conference content:
 1. Quality and Patient Safety to have its own submission platform for Annual Meeting abstract submissions. This did not happen in time for 2023 but has been addressed since by Drs Mc Donnell and Filteau, who hope to see this change in place for next year's (2024) meeting.
 2. QPSC will also champion smaller, local, unit-based QA/QI projects by offering platforms for discussion, recognition, and dissemination. Such a platform will be shared through CAS QPSC web-space content, regular recognition & comment in CAS News Bulletin, social-media announcements, and the creation of a small prize amount to facilitate national dissemination and / or attendance to present at CAS AM for anesthesiologists performing QI projects in under-resourced, remote communities. *An application was made for new funding to support this prize amount in September 2022. QPSC is most grateful for this show of support and will use awarded funds wisely.

Other 2022 Activities:

- The new initiative of a QPSC Bulletin in the CAS Newsletter began with its first installment in December 2021. Feedback relative to the bulletin, both in content and style, was extremely positive. This continued in 2022 with a well-received bulletin addressing Medication Safety, particularly the effects of drug-shortages and back-orders on the potential for drug error. *QPSC members, Drs Maha Al- Mandhari & Esther Kang, are acknowledged for their significant contributions to this activity and its ongoing success.* This bulletin led to a significant amount of work in 2022; Dr Mc Donnell engaged with members of Health Canada, ISMP Canada, HealthPRO, and the Alberta Health Pharmacy Services to collaborate on a national Medication Safety Webinar to take place in February 2023. All are reminded that the Bulletin also represents an opportunity for members to add CPD contributions to academic portfolios and C.V. Both Bulletins to date are available @ <https://www.cas.ca/en/about-cas/committees/quality-and-patient-safety/bulletins>

- Ongoing collaboration with the Standards, CAIRS and Physician Wellness Committees: As per previous years, Dr Dobson offered significant space and time for QPSC to consider those items in Standards Document that are concerned with Patient Safety: in 2021 this included the addition of wrong-sided block mitigation strategies to the Guidelines, and is an example along with Safety Bulletin of our commitment to identifying key safety issues and maximizing the dissemination and breadth of our message. Medication Safety will be reviewed for content provision in future iterations of Standards & Guidelines document.

Planning for future activities:

- Meetings took place in 2022 with CAIRS (Dr K Sparrow) to establish future committee collaborations on 'important safety & quality metrics in Canadian Anesthesia'
- Across many 2022 QPSC meetings, we discussed and decided our focus and AM content for 2023. In November 2022 we submitted proposals for The John Wade Safety Symposium (Dr Kelly Mayson (QPSC member, BC,) and Dr Gabriele Baldini (Italy, formerly Montreal) and associated workshops (Drs Mayson, Baldini, Mc Donnell, plus guest moderators).

Future Work / New Directions:

- Further collaboration with National Office on development of QPSC web-presence on CAS website. Collaboration to date has been fruitful, collegial and highly productive
- *Creating & establishing QPSC social media handles to boost messaging on important events and updates ... outstanding from 2021*
- Continued regular QPSC safety bulletins in CAS Newsletter. Utilization of new web- icons to further develop topics of focus and interest, i.e., QI in under-resourced locations, Medication Safety, the championing of 'smaller QI projects'
- Succession planning: this will include formal request from Dr Mc Donnell to extend position as QPSC Chair for 1-2 years in order to allow time for QPSC member(s) to 'make space' in order to occupy and advance position as Chair after current educational undertakings are completed.

Regards, and thank you for all you do,

Dr Conor Mc Donnell,
QPSC Chair - February 23, 2023



RESEARCH ADVISORY

Chair: Dr Philip Jones

We would also like to thank Cristina Mita from the Society for her tireless and expert administrative support of the Committee.

We report on the following:

1) Grant Awards - 2022

The RAC's Grant Standing Subcommittee met on 30 April 2022 to adjudicate the annual research awards. After approval from the Board, the CAS annual research awards were awarded in June 2022 to the following investigators.

- **Ontario's Anesthesiologists – CAS Residents' Research Grant, \$10,000.00**
CAS-2022-012, John Peel, *Intravenous Iron Therapy in Patient Blood Management (Iron-PBM): A Retrospective Cohort Study*
University of Toronto – Anesthesia, Toronto, ON
- **Dr James Beckstead Award, \$20,000.00**
CAS-2022-011, Harsha Shanthanna, *Opioid Reduction and Enhanced recovery in Orthopaedic Surgery (OREOS)-Knee: A Pilot Randomized Trial*
McMaster University Faculty of Health Sciences – Anesthesia, Hamilton, ON
- **Canadian Anesthesiologists' Society Research Award, \$30,000.00**
CAS-2022-021, Kazuyoshi Aoyama, *Neonatal and perinatal mortality in relation to maternal sepsis*
Hospital for Sick Children - Anesthesia and Pain Medicine, Toronto, ON
- **Dr Earl Wynands Research Award, \$10,000.00**
CAS-2022-003, Michael Sklar, *Airway Closure during Extracorporeal membrane oxygenation: The AiCLOSE study*
St. Michael's Hospital - Unity Health - Anesthesia and Critical Care Medicine, Toronto, ON
- **Dr R A Gordon Research Award, \$20,000.00**
CAS-2022-007, Philippe Richebé, *Effect of electroencephalography-guided anesthesia on neurocognitive disorders in elderly patients undergoing major non-cardiac surgery: a randomized clinical trial*
Université de Montréal - Department of Anesthesiology and Pain Medicine, Montréal, QC
- **CAS Research Award in memory of Adrienne Cheng, \$10,000.00**

CAS-2022-014, David Ogez, *Evaluation of hypnotic techniques for pain management during lumbar punctures in pediatric hematology-oncology*
Université de Montréal - Department of Anesthesiology and Pain Medicine, Montréal, QC

- **CAS Career Scientist Award in Anesthesia, \$60,000.00**
CAS-2022-026, Manoj Lalu, *Preclinical multilaboratory studies: an approach to improve clinical translation*
Ottawa Hospital Research Institute - Clinical Epidemiology and Regenerative Medicine Programs, Department of Anesthesiology and Pain Medicine, Ottawa, ON

2) Grant Standing Subcommittee (GSS)

The annual adjudication and awarding of research grants is held in April or May of each year. In 2021, partly due to Covid, the attendance at the adjudication meeting was sparse. Therefore, in the fall of 2021, a concerted effort was put into ensuring subsequent Grant Standing Subcommittee meetings would be better attended. Furthermore, substantial efforts were put into ensuring the Grant Standing Subcommittee had improved linguistic and geographical diversity as well as a roughly even gender balance. This was successfully achieved in the fall of 2021 and the following CAS members comprised the GSS for the grant adjudication meeting:

Philip Jones (London, FR/EN)
Diem Tran (Ottawa, EN)
Véronique Brulotte (Montréal, FR/EN)
Étienne De Médicis (Sherbrooke, FR/EN)
Derek Dillane (Edmonton, EN)
Laura Duggan (Ottawa, EN) (Regrets)
Jonathan Gamble (Saskatoon, EN)
Donald Griesdale (Vancouver, EN)
Gregory Hare (Toronto, EN) (Regrets)
Melissa Shears (Resident, Edmonton, EN)
Kathryn Sparrow (St John's, EN)

3) Changes to Research Award Adjudication

At the RAC's annual meeting during the CAS Annual Meeting in Halifax, substantial discussion occurred amongst RAC members regarding the adjudication process, specifically regarding the assessment of the researcher and the feasibility of conducting research. The overarching theme was not to disadvantage researchers who took an interest in research at a mid- to late-career stage. These individuals often do not have as substantial publication or presentation 'presence' as researchers who had been active for many years. However, our previous adjudication process placed significant weight (25%) on the numbers of publications and presentations rather than simply the feasibility of the research being successfully conducted (itself predicated on a complex interplay between proper research training, a minimum amount of experience

necessary to accomplish the proposed study, and a research environment conducive to success).

After much discussion, the RAC members voted to alter our assessment process. Starting in the 2023 awards cycle, the following schema will be used.

- A 0-4.9 rating, weighted at 25% of the overall score, will be given, based on a holistic impression of the applicant, the collaborating research team, and the research environment. The applicant will describe these in a one-page summary describing why this project will be successful – including descriptions of the applicant, co-applicants, and the research environment.

The RAC will monitor the success of the new schema on an ongoing basis to iteratively improve the schema as required. The hope is that this will avoid disadvantaging properly trained (but relatively new) researchers with scientifically robust ideas.

Due to confusion in years past about whether reviewers were scoring the applicant or their mentors/supervisors, the Research Advisory Committee decided to remove the applicant score altogether for the resident grant competition. Therefore, the only numerical score for a resident application will be for the project itself. Narrative comments about the research environment and the research team are still encouraged and will be reviewed by RAC members when assessing each proposal.

SCIENTIFIC AFFAIRS

Chair: Dr Timothy Turkstra

The Scientific Affairs committee reviews submitted scientific content for the annual meeting, in the form of abstracts of recently completed research, and case reports and series. Abstracts are scored to determine acceptance and the top six resident and non-resident abstracts are selected for the oral research competitions.

For the 2022 Annual Meeting in Halifax, NS, there were 106 scientific abstract submissions, comparable to previous years. The previous two years were likely affected by Covid disruptions to research resulting in fewer submissions. Submissions in 2022 did not recover to pre-Covid levels, remaining ~29% lower than the 150 submissions in 2019. The majority of the submissions originated in Canada, with the remainder not concentrated in any geographic area. The distribution of abstracts, case reports, and resident submissions remained similar to previous years. There were 0 Technical Booth submissions. Abstracts and case reports were scored by four or five reviewers from the Scientific Affairs Committee; there was an overall scientific quality acceptance rate of ~70%. Electronic posters were presented on large-screen TVs for the category abstract discussion sessions.

As with 2021, we again used the compressed review process to maximize time for applicants and reduce the time between submission and presentation for authors with late-breaking research, extending the submission period to the end of January. Many thanks to the committee members for their time commitments and prioritizing this. We intend to continue the revised schedule going forward.

2023: Accepted abstracts are published in the *Canadian Journal of Anesthesia* (CJA). In keeping with CJA and CAS policy, abstracts must explicitly include confirmation of ethics approval (or waiver) from the local ethics board. Since this requirement was enacted, there have continued to be authors who inadvertently submit abstracts without documenting ethics approval, despite multiple red-letter warnings and suggested text supplied during the submission process. These abstracts can unfortunately not be included despite appearing in many cases to describe compelling research. The Chair goal for 2023 is to redesign the web-based submission template to make such submission impossible; authors will be required to incorporate this information to engage the submission process.

It was noted in previous years that some abstract submissions from the developing world did not meet the standards for acceptance, but there was the perception amongst several reviewers that the research had merit. In lieu of reducing the acceptance criteria for submissions from these locations, which could be considered counterproductive in terms of providing quality education for attendees, scientific affairs committee members formally volunteered their assistance to work with such authors. One author group took advantage of

Canadian Anesthesiologists' Society
Annual Report 2022

this in 2022. While the abstract was still not of sufficient quality for acceptance, we remain hopeful and will continue this process, reassessing it in 2024 or 2025.

Table Data:

Origin of submissions:

Canada – 155

Alberta – 6

BC – 12

Manitoba – 9

Nova Scotia – 10

Ontario – 106

Quebec – 10

Saskatchewan - 2

India – 7

Iran - 6

Japan – 1

Singapore – 4

South Korea – 3

Taiwan - 2

United Arab Emirates - 1

USA – 3

STANDARDS

Chair: Dr Gregory Dobson

Initiatives/Projects:

As in years past the primary focus of Standards in 2022 was related to the annual updates to the *CAS Guidelines to the Practice of Anesthesia*. To start the year off the Revised Edition for 2022 was published, along with the accompanying editorial, in the January 2022 edition of the *Canadian Journal of Anesthesia*. Following that success work then began right away on the development of proposals for changes and additions to the Revised Edition for 2023. Teleconferences and personal communications led to the development of several draft proposals over the first few months of 2022. It was very exciting for the Standards committee to have the opportunity to once again meet in person at the CAS Annual meeting in June in Halifax. This has typically been the time where we fine tune the Guideline proposals to adjust them into their final polished form so that they may be presented to the CAS Board for consideration of approval. The in-person and hybrid Standards meeting in Halifax was well attended and was very successful. Several important topics were addressed in the proposals for 2023 and they included:

- Encouraging cooperation and collaboration between fellowship certified anesthesiologists and family practice anesthesia providers.
- More specific recommendations with respect to the use of supplemental oxygen during patient transport and recovery from anesthesia.
- Important changes to fasting guidelines to simplify them and to eliminate ambiguity.
- A strong statement in support of the need for the availability of selective binding reversal agents for neuromuscular blocking agents for all anesthesiologists in Canada.
- Stronger more specific guidelines with respect to the maintenance of peri-operative normothermia and patient core temperature monitoring.
- New recommendations related to the use of local anesthetics for post-operative pain control highlighting the importance of team communication and documentation related to maximum dose limits to avoid local anesthetic toxicity.
- An exciting new section devoted to Environmental Sustainability in anesthesia practice and how we can show leadership in our ORs and facilities to reduce our carbon footprint and waste.

The committee experienced some membership changes, saying goodbye to some valued members who have moved on to other challenges while also welcoming some enthusiastic new members, including a new resident member. We continue to strive for broad regional representation as well as sub-specialty expertise. We highly value our FPA member Dr Milkovich who was on our committee last year. We strive to find an FPA member to take his place.

Events:

Dr Dobson, as Chair, was grateful to have been invited to attend the November 2022 in-person CAS Board meeting in Toronto as a guest. The reason for the invitation related to some important discussions on the agenda of Board related to the definitions of the anesthesia care team, the acceptable delegation of anesthesia care in new models not previously seen and specifically some new models for the delivery of anesthesia care during this time of manpower shortages in western Canada. In discussion we reviewed the existing CAS Guideline language and recommendations related to these questions to see if there was any need to consider modification of the Guidelines to reflect the changing landscape of care models. In summary we agreed unanimously to uphold our current positions in support of patient safety and proposed no changes to the Guidelines.

Top 3 Achievements:

1. A new and timely section in the Revised Edition 2022 entitled **Physician Health and Wellness** outlining general principles but also some specific recommendations for department leadership to help create a healthy workplace and to support the wellbeing of anesthesia physicians.
2. Although the new section **Environmental Sustainability** was published in the Revised Edition 2023, the seeds of the discussion and the collaborative work with environmental enthusiasts and advocates within the anesthesia community took place in 2022. We have never received so much positive feedback, at least during my term as Chair, from members and even non-members related to a revision to the Guidelines. We feel proud and humble to have helped in a small way to lead the charge to go greener and to reduce our carbon footprint not just in anesthesia but in healthcare more broadly.
3. To welcome some new members to our committee.

Goals for 2023:

We are planning a CAS webinar in the spring of 2023 related to the release of the Revised edition 2023 and hope that it may become an annual event where we can have an opportunity to connect with members to discuss issues related to the Guidelines.

We wish to recruit some new members to improve regional representation such as from Saskatchewan, Manitoba, New Brunswick and PEI.

We are looking at several areas of focus for changes to the Revised edition 2024 including, but not restricted to, recommendations specific to medication safety in the era of widespread and unpredictable medication shortages and unplanned brand changes.

In addition, we recognize that the content related to obstetrical anesthesia is due for some updates. The main focus for 2024 will be specific to:

Canadian Anesthesiologists' Society
Annual Report 2022

- Thrombocytopenia
- Post-dural puncture headache management
- Oral intake during labour guidelines

Links:

2022 *Guidelines to the Practice of Anesthesia*:

<https://www.cas.ca/CASAssets/Documents/Practice-Resources/Guidelines/Dobson2021 Article GuidelinesToThePracticeOfAnest 1.pdf>

2022 *Guidelines to the Practice of Anesthesia* Editorial:

https://link.springer.com/article/10.1007/s12630-021-02134-8?utm_source=toc&utm_medium=email&utm_campaign=toc_12630_69_1&utm_content=etoc_springer_20220107

SECTION REPORTS

AMBULATORY

Chair: Dr Mahesh Nagappa

The Ambulatory Section Executive comprises the Chair, Dr Mahesh Nagappa and the Vice Chair, Dr Mandeep Sigh. The Past Chair is Dr David Wong and Jean Wong, who continues to provide advice/suggestions on sectional affairs.

Our sincere thanks to the National Office and the AM Organizers, as last year the annual Ambulatory Section meeting was in-person after over two years of virtual programming. This was our first year after Covid doing a hybrid conference containing virtual and in-person streams. The Annual Meeting in Halifax in June 2022 was very successful, with good attendance and participation in the "Ambulatory Section" sessions. International speakers from the USA joined Canadian faculties in our programs.

Ambulatory Session 1: Dr Ashish Kumar Khanna, Associate Professor, Director of Perioperative Outcomes, and Informatics Collaborative (POIC) from North Carolina, delivered an outstanding lecture on "The role of enhanced post-operative monitoring for patients with sleep-disordered breathing"; Dr Christine Won, Associate Professor of Medicine in the section of Pulmonary, Critical Care, and Sleep Medicine delivered another outstanding lecture on "Postoperative Respiratory Depression: Recognition, and role of sleep monitoring and therapeutics."; Dr Mandeep Singh, Associate Professor from University of Toronto, delivered another outstanding lecture on "Changing Climate for Perioperative OSA Management Guidelines: How do they apply in the ambulatory setting?".

Ambulatory Session 2: Dr Mahesh Nagappa, from Western University, provided continued Ambulatory lectures on the "Same-Day Discharge for Hip and Knee Replacement Procedure - Achievable? How We Do It Routinely?".

The "ambulatory abstract session" had an enthusiastic discussion moderated by Dr Mahesh Nagappa. The session had several abstracts (including a case report). The abstract session was combined with other sections, health management and equipment & monitoring abstracts. Nearly thirty members participated in the discussion for around 90 min. We have continued encouraging the members to submit the abstract next year by keeping the "CAS best ambulatory abstract award." Overall, it was a successful meeting with strong in-person and virtual attendance and excellent engagement with the attendees, sponsors, and exhibitors.

The finances are stable. As of 31st December 2022, we have an equity of CAD \$57,066.86. We welcome members to participate in our section actively.

Goals for 2023:

We are planning to have a section event in this year's CAS annual meeting and introduce the ambulatory section webinars for our members from this year.

Links:

2022 Annual Meeting Session Evaluation:

<https://www.dropbox.com/s/35d3g3dk294kxyj/MN%20CAS%20Ambulatory%20section.pdf?dl=0>

CARDIOVASCULAR THORACIC

Chair: Dr Diem Tran

Executive Committee:

June 2022 – Dr Surita Sidhu finished her term as Past Chair of the CVT section, concluding her eight years on the committee. Our members at large: Dr Geoff Zbitnew and Dr Marelise Kruger also finished their two-year terms. We greatly appreciate the time and dedication that these individuals donated, thank you so much!

July 25, 2022 – An email poll was sent out to CVT section members to vote for the new incoming Secretary/Treasurer on the executive committee. This position was won by Dr Elmari Neethling. Applications for the two new members-at-large were reviewed by the new executive. We convened virtually in August 2022 and decided to invite Dr Alain Deschamps and Dr Camilla de Souza, who both accepted. The members at large were chosen to represent geographical distribution and subspecialty diversity in the committee. Dr Robert Chen was appointed the social media representative to maintain the committee's Twitter handle ([@CAS CVT](#)) which was previously managed by Dr Sidhu.

Initiatives/ Projects:

Thanks to the continued contributions of members, the CVT section benefits from a healthy budget. The executive committee decided to offer, for the first time, a section funded research grant for the 2023 CAS Research Grant competition. The decision to offer this grant will be revisited annually by the committee.

Title: Dr Earl Wynands CVT Section Grant.

- \$15,000 will come from section funds and matched \$15,000 by CARF for a total of \$30,000 to the grant winner.
- The conditions of the grant are:
 - The PI applicant has to be a paid section member for the application year and the year that they hold the award.
 - The award is open to all applicants, new investigators have to choose between the New Investigator Operating Grant OR the Section grant, but not both
 - The subject of the grant application has to involve intraoperative management that impacts the anesthetic care of cardiac, vascular or thoracic patients.

Events:

2022 CAS Annual Meeting in Halifax: CVT Sessions:

- Perioperative Use of Prothrombin Complex Concentrate (PCC): The evidence, the controversy, and the future, Dr Justyna Bartoszko, Moderator Dr Summer Syed
- Crucial Conversations for your End-Stage Patient: An Ethical Framework to Redirect the Goals of Care – TEL - Drs Mike Slawnych and Natalia Ivascu, Moderator Dr Diem Tran

Canadian Anesthesiologists' Society
Annual Report 2022

- PBL: Medical ethics in practice: capacity, consent and conflicts – Dr Natalia Ivascu
- Controversies and New Frontiers in Vascular Anesthesia, Drs Graeme Bishop and Kenton Rommens, Moderator Dr Marelise Kruger
- Pulmonary Hypertension and Anesthesia for Non-Cardiac Surgery – Dr Alexander Gregory, Moderator Dr Tarit Saha
- Workshop: Bounty of Bronchial Blockers – Options for lung isolation and selective ventilation, Drs Martin Ma, Lorraine Chow, George Kanellakos and David Watton, Moderator Dr Geoff Zbitnew. Session cancelled due to low number of registrants.

Goals for 2023:

Combined Regional-CVT workshop on Regional blocks for CVT anesthesiologists

ENVIRONMENTAL SUSTAINABILITY

Chair: Dr Vivian Ip

Initiatives/ Projects:

Earth Day 2022 Infographics

Earth Day 2023 Webinar - pending

Leading an International Delphi survey on Environmental sustainability

Collaboration with CASCADE (Federal project to support healthcare community moving towards a sustainable (netzero) healthcare system) - pending a webinar presentation

Events:

3 lectures for the virtual CAS Annual Meeting at Halifax in June 2022

2 PBLDs for the virtual CAS Annual Meeting at Halifax in June 2022

Top 3 Achievements:

Successfully hosted the ASRA/CAS environmental sustainability symposium virtually on October 1, 2022. It was a hugely successful event with 60 participants and great feedback from both participants and speakers.

Collaboration with anesthesiologists with environmentally sustainable interests in other Canadian provinces, USA, UK and Australia.

Collaborate with Dr Gregory Dobson, Chair of CAS Standards Committee to increase visibility of environmental sustainability practice as part of the standards in Canada - Dr Dobson wrote an editorial with input from the environmental sustainability section.

Goals for 2023:

Collaborate with more committees in CAS/internationally to broaden our audience on environmental sustainability practice.

To move forward according to plan on the Delphi survey.

To illustrate the importance and success of virtual meetings in reaching a broader audience internationally and being more inclusive.

Links

[Environmental Sustainability and Your Practice - CME program \(asra.com\)](https://www.asra.com/education/cme-program)

[Guidelines to the Practice of Anesthesia – Revised Edition 2022 \(cas.ca\)](https://www.cas.ca/guidelines-to-the-practice-of-anesthesia-revised-edition-2022)

<https://www.cbc.ca/news/canada/british-columbia/rch-desflurane-ban-1.6475542>

NEUROANESTHESIA

Chair: Dr Tumul Chowdhury

Initiatives/ Projects:

The Neuroanesthesia Section has been instrumental in initiating as well as providing educational resources to its section members as well as other members of Canadian Anesthesiologists' Society. This initiative is a part of collaborative efforts among various institutes and programs in Canada. The section has started regular webinars on various topics of neuroanesthesia. These webinars included several interesting, clinically relevant, and thought-provoking topics.

Events:

For the CAS annual meeting 2022, Halifax, the Neuroanesthesia Section had hosted a comprehensive academic feast to its members. The scientific program included two sessions (60 min, 90 min each), one section event (90 min), two PBLDs and one refresher course (45 min).

In 2022, our section planned and hosted four National Neuro Virtual Rounds successfully. This educational event is a self-approved group learning activity (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

Top 3 Achievements:

1. Each National Neuro Virtual Rounds were attended by 50-100 participants and have been received very high evaluations. Indeed, many participants have asked our section to host more and more such events.
2. The scientific program for the CAS annual meeting hosted by our section was a huge success, and was well attended by several attendees in-person as well as virtually through the hybrid platform. All sessions had been rated very highly by attendees.
3. Importantly, at the international platform, some of our section members have contributed substantially for the education, research and leadership in the domain of Perioperative Neurosciences. Dr Alana Flexman, the Past Chair of the Neuroanesthesia Section has been appointed as the President of the Society for Neuroscience in Anesthesiology and Critical Care (SNACC). Dr Tumul Chowdhury, the current Chair of the section has been appointed as the board of director of SNACC, the editor-in-chief of SNACC newsletter and executive committee member of International Council of Perioperative Neurosciences Training (ICPNT). Other section members including Drs Adele Budiansky, Alexandra Kisilevsky, Bryan Glezerson, Evan Shao, Jason Chui (immediate past Chair), Lashmi Venkatraghavan have represented our section in various international conferences/society proceedings.

Goals for 2023

Our section envisions to provide:

- Excellent educational support to its members through regular National Neuro Virtual Rounds (at least 4 per year).
- Excellent scientific program for the 2023 CAS conference, Quebec City
- Opportunities for the global engagement and representation

Links:

<https://www.cas.ca/en/about-cas/sections/neuroanesthesia/neuro-events>

<https://snacc.org/>

<https://snacc.org/newsletters/>

<https://icpnt.org/council-and-committees/>

OBSTETRICS

Chair : Dr Wesley Edwards

The executive of the OB section would like to start this report by thanking all of our members for their ongoing support for our OB anesthesia section and community. The last couple of years have been a challenge and it is incredible to see that our membership has remained stable and solid. This year the OB section was excited to welcome Dr Anton Chau to our executive as the new Secretary/Treasurer. We would also like to thank Dr Valerie Zaphiratos who is now serving as the Past Chair for her leadership during this unprecedented time over the past two years as Chair.

This year we welcomed back everyone to a high impact hybrid Annual Meeting in Halifax. The interest in our program was fantastic. The OB sessions focused largely on clinical topics aimed at improving both outcome and experience of our patients. We started with a multidisciplinary panel of Dr Dolores McKeen, Dr Leanne Docking and Dr Caroline Corbett discussing Enhanced Recovery After Cesarean (ERAC): Good for Mom, Good for Baby. Dr Wesley Edwards and Dr Lorraine Chow covered the important topic of Post Dural Puncture Headache in the obstetric population, giving an evidence-based overview and highlighting the evolving knowledge on the associated chronic morbidity. Dr Ronald George and Dr Allana Munro spoke on the important topic of Epidural Failure: Management of an incomplete labor epidural analgesia and cesarean anesthesia. A virtual session by Dr Mrinalini Balki discussing her internationally recognized research on Uterotonics: From basic science to clinical application was provided for those who could not make it in person to Halifax. Finally, our section held an enormously entertaining debate featuring Dr Anton Chau and Dr Paul Wiczorek on Dural Puncture Epidural: to DPE or not to DPE?

The conference also allowed an opportunity to highlight the ongoing research in obstetric anesthesia across the country. We were delighted to award Dr Brendan Morgan (Dalhousie) the best resident abstract award for his work on: "A retrospective cohort study comparing catheter replacement rates with programmed intermittent epidural bolus and continuous infusion". The best abstract in Obstetric Anesthesia (Anesthesiologists) was awarded to Dr Natalia Portela (Mount Sinai Hospital – Toronto) for her work on: "Spontaneous and oxytocin-induced contractility after exposure to intravenous anesthetic agents: an in-vitro study in human myometrium".

The Obstetric Section continues to encourage and support ongoing research in our field, offering financial awards to both resident and anesthesiologist abstract winners at our annual meeting. The Obstetric Section has also paired with CARF to offer a section Research Grant of up to \$20,000.

Supply chains continued to affect obstetric anesthesia practice with national shortages of epidural kits for labour analgesia, as well as spinal needles in certain areas across the country.

Canadian Anesthesiologists' Society
Annual Report 2022

The Obstetric Section worked closely with the CAS executive to lobby stakeholders and provide updates on supply chains and analgesia alternatives. A virtual Town Hall was organized and presented nationally with Dr Dolores McKeen, Dr Anton Chau and Dr Lorraine Chow speaking to the impact of these shortages on labour analgesia.

The section continues to support and utilize online platforms to share knowledge and best practice advice across the country. The OB section WhatsApp group has 32 members from across the country. The group has evolved from the initial purpose of knowledge sharing specifically for Covid-19 to a general OB leadership group, asking questions, sharing expert advice and local guidelines to improve and standardize care to best practice across Canada. Looking forward to 2023, we are excited to provide another outstanding obstetric anesthesia program at our annual conference in Quebec City. The section is also looking to provide a series of virtual education sessions to our membership. We are always happy to receive suggestions and feedback on how to best serve the academic needs of our members.

Canadian Pediatric Anesthesia Society (CPAS)

Chair: Dr Jonathan Gamble

Initiatives/ Projects:

- 1) Ratified support for updated preoperative fasting guidelines

Events:

- 1) 2022 CPAS Scientific Meeting in Vancouver
- 2) Canadian Pediatric Anesthesia Rounds Series

Top 3 Achievements:

- 1) 2022 CPAS Scientific Meeting in Vancouver
- 2) Ratified support for updated preoperative fasting guidelines
- 3) Organized successful Pediatric Anesthesia Content for CAS 2022 Halifax

Goals for 2023:

- 1) Organize pediatric anesthesia content for CAS 2023 Quebec City
- 2) Distribute updated Canadian Pediatric Anesthesia Society ratified preoperative guidelines to the Canadian Anesthesia community
- 3) Ongoing support for Global Health with funding for CPAS Pediatric Anesthesia Fellowship Bursary

Links or Documents:

- 1) <https://pediatricanesthesia.ca/>

REGIONAL AND ACUTE PAIN

Chair: Dr Vishal Uppal

Initiatives/ Projects:

CPD article submitted: "Ambulatory total hip and knee arthroplasty: A literature review and perioperative considerations".

UK-led Worldwide RA research priorities Delphi project

Events:

11 sessions for 2022 AM program including four ultrasound workshops

June 2021 *Anesthesia News* Article

Part of the epidural shortage Town Hall

Best Paper in Regional Anesthesia and Acute Pain (\$500)

Top 3 Achievements:

Successful CAS session and workshops

International collaboration and social media presence

Expansion of executive committee

Goals for 2023:

Webinar to discuss day-surgery spinal anesthesia including Chloroprocaine availability in Canada.

CPD Article: Peripheral nerve blocks that all anesthesiologists should know and how to do them

RESIDENTS

Co-Chairs: Drs Adam Hsieh and Melissa Liu

Our Mandate:

1. Creating a connected community of anesthesiology residents across Canada
2. Delivering programming relevant to anesthesiology residents

Highlights:

Our team of residents from across Canada has been active in promoting resident engagement in CAS. We have provided details of our section's progress over the last year below.

1. **Resident engagement** – One of our main goals this year was to achieve more resident engagement from programs across Canada.
 - Resident council members – one approach of achieving more engagement from different programs was to have a more diverse resident council member representation. In our prior year the CAS resident council members were all from Toronto and Hamilton. Currently we have members from Toronto, Hamilton, Vancouver, Edmonton, and Saskatchewan. Our ongoing goal is to achieve representatives from even more programs.
 - Resident engagement representatives – we have recruited new resident engagement representatives from each anesthesiology program across the country to be the local liaison between residents and the CAS council. The primary role of the resident engagement representatives from each school is to help disseminate information to their resident colleagues about resident specific events throughout the year and at the CAS conference. The role will also include assisting in pairing mentors and mentees across the country as part of our CAS mentorship program. Finally, the resident engagement representatives will help promote the recruitment of CAS council members from each school to achieve our goal of broader representation of resident interests across the country on the CAS resident council.
2. **Simulation Olympics** – Due to the COVID-19 pandemic and the hybrid nature of the 2022 CAS AM, SIM Olympics has been on hold for the last three years. This year we are working on reconnecting with previous sponsors to help us with event planning. Our Sim Olympics representatives are also working on refining simulation scenarios to hopefully revive this exciting event at the CAS AM.
3. **Social media accounts** – Our Twitter (@CASResidents) and Gmail accounts (casresidents@gmail.com) are up and running. These accounts have been updated and are being used to provide information to residents about opportunities with CAS, events

that the CAS executive team is planning, and details about the CAS conference.

4. **CAS conference resident event** – Currently we have an allocated \$4,000 budget towards the resident event at the CAS conference this year. Based on our most recent estimates, over 50 residents are planning on attending the CAS conference in person this year. We have decided to use our budget to cover the cost of resident tickets for the President's Party. This will give residents the valuable opportunity to meet and network with other residents and staff anesthesiologists in person at the conference. Due to the pandemic, the opportunity for in-person networking has been limited over the last couple of years and the importance of this experience cannot be understated early on in a resident's career.
5. **Mentorship program** – We are currently piloting a mentorship program to pair anesthesia residents with medical students interested in anesthesia at the University of Toronto and McMaster University. We are excited to expand the program and incorporate universities across Canada in coming years.

Residents Session at CAS 2023: We have organized a session for residents at this year's conference entitled "Life beyond residency: an exploration of career paths and lifestyles" featuring current fellows and staff anesthesiologists working in both academic and community settings.

It has been a pleasure serving CAS this year. We look forward to another successful CAS meeting in June.

AFFILIATES & FOUNDATIONS REPORTS

ASSOCIATION OF CANADIAN UNIVERSITY DEPARTMENTS OF ANESTHESIA (ACUDA)

President: Dr Mateen Raazi

On behalf of my colleagues on the ACUDA Executive Committee, I would like to share with the CAS the following developments of note.

1. The transition to the new ACUDA Executive is now complete, with the following colleagues now serving.
 - Dr Colin McCartney, Past President
 - Dr Mateen Raazi, President
 - Dr Janice Chisholm, Vice President
 - Dr Beverley Orser, Secretary and Treasurer
2. The Annual ACUDA meeting is planned for June 2023 in conjunction with the CAS Annual Meeting. Plans and arrangements are well underway for a very engaging Plenary session with multiple invited guest speakers and others addressing a broad spectrum of themes related to Anesthesiology Human Resources.
3. The ACUDA Chairs and Executive have met regularly throughout the past year and worked on a broad range of initiatives, including the following.
 - Anesthesiology Human Resources planning and support. This includes a collaboration with CIHI colleagues.
 - Support for Rural/Remote anesthesiology service provision.
 - Support for the ongoing response to the Covid 19 pandemic and its consequences, including the surgical backlog.
 - Support for the PeriAnesthesia Clinical Trials (PACT) group.
 - Support and coordination of various research and academic initiatives.
 - Support and coordination of various initiatives undertaken by the ACUDA PGME, UGME, CME/CPD and Research sections.

ACUDA is delighted to work with the CAS on many of our common initiatives.

Dr Mateen Raazi
President, ACUDA

CANADIAN ANESTHESIA RESEARCH FOUNDATION (CARF)



Chair: Dr Doreen Yee

Initiatives/ Projects:

- 1) “CHANGE 4 CARF” campaign that supports the Career Scientist Award. In 2022, the campaign was in its third year. We raised \$9,350.00.
- 2) An online campaign for Giving Tuesday on November 29th resulting in online donations from CAS members.
- 3) CARF was a contributor to the #CASMOVE campaign. This campaign took place in lieu of the in-person CARF Fun Run and where CAS members could challenge themselves and colleagues to get active and donate while doing so.

CARF distributed \$150,000 towards the CAS Research Awards program in 2022. The grand total raised in 2022 was almost \$59,000.

Events:

- 1) “CARF at KEITH’S” fundraising event at Alexander Keith’s Brewery in Halifax on Friday, June 24th 2022 with over 200 people in attendance.

Top 3 Achievements:

- 1) Hosting a successful in-person event in June where tickets sold out in a few months.
- 2) The creation of a new section award jointly supported by the CVT Section and CARF. Each will contribute \$15,000 for a \$30,000 Earl Wynands CVT Section Award in 2023. The Obstetric and Education & Simulation Sections have similar jointly supported awards.
- 3) 2022 marked the first year that the Dr James Beckstead Award (\$20,000) was given.

Goals for 2023:

- 1) A highly successful fundraising event in Quebec City in June 2023
- 2) To recruit more board members, specifically from Quebec and British Columbia
- 3) To secure the donation of stocks/ legacy giving

CANADIAN ANESTHESIOLOGISTS' SOCIETY INTERNATIONAL EDUCATION FOUNDATION (CASIEF)



CASIEF

Canadian Anesthesiologists' Society
International Education Foundation
Fondation d'éducation internationale de la
Société canadienne des anesthésiologistes

Chair: Dr Joel Parlow

The Canadian Anesthesiologists' Society International Education Foundation supports partners in low and middle-income countries in expanding their anesthesiology workforce to improve perioperative care, critical care and pain management. The lack of trained personnel and equipment create massive barriers to care. The graduates of CASIEF-supported residency programs are doing exceptional work but are understaffed by orders of magnitude compared to the physician shortage Canada is facing. Imagine 45 anesthesiologists for a country of 13 million (Rwanda) or less than 200 anesthesiologists for a country of almost 120 million (Ethiopia)! CASIEF is working hard to take some of the burden from our overworked colleagues from Rwanda, Ethiopia, Guyana, and Burkina Faso by helping to train the next generation of physician anesthesiologists. We feel immense gratitude for all our monthly donors who allow us to do this difficult but incredibly rewarding work.

Despite the lingering effects of the COVID-19 pandemic, we have continued important activities in our CASIEF programs over the past year. In 2022 we will have had three Global Health Fellows providing education in our programs in Kigali and Ethiopia. Their prolonged stays (three to six months) provide great continuity for the residents, and the ability to work on special projects such as Simulation courses. Meanwhile, the program leads of our two partnerships in Ethiopia, and those in Rwanda and Guyana, have been meeting regularly with their overseas colleagues to maintain and plan ongoing educational initiatives. In addition, regular teaching sessions have been provided virtually by CASIEF volunteers. We are beginning to resume scheduling volunteers to travel to our partner countries during 2022. CASIEF has also been exploring opportunities to contribute to education in remote and rural areas of Canada. In 2022, we resumed our volunteer visits to Rwanda, with Dr Terri Skelton spending three months teaching and developing a blood transfusion course, and the volunteer schedule for 2023 is full. CASIEF is excited to have been a sponsor at the All-Africa Anesthesia Congress, which was hosted in Kigali in September, and numerous CASIEF and other Canadian faculty attended and presented, as well as leading courses in education.

The Ethiopian government has realized the desperate need to increase numbers of anesthesiologists in this vast country. The residency program at Black Lion in Addis took on 30 new PGY1 residents this year, and the new program at Haramaya University in Harar added

eight new residents, with only four faculty members to teach. Visits have resumed to our programs in Ethiopia, with both Global Health Fellows and Canadian faculty teaching at Black Lion Hospital in Addis Ababa. In September, Joel Parlow, CASIEF Chair and lead for our newest partnership, made the first teaching visit to Harar, in Eastern Ethiopia. Similarly, volunteer travel is resuming to assist in teaching in Guyana. The pandemic has helped us focus on our on-site and virtual roles within the program curricula, and we look forward to incorporating this as we move back towards in-person academic and clinical teaching.

CASIEF leads and supporters have also been hard at work at home in 2022. Dr Gregory Klar, CASIEF Board member, was successful in obtaining a donation for five state-of-the-art ultrasound machines from the Sonosite Corporation for our partner programs. The organizers of the Lower and Upper Canada Anesthesia Symposium (LUCAS) provided complimentary registration to all of our overseas partners for the 2022 virtual meeting! Two exciting CASIEF events took place at CAS Halifax, June 24-26, 2022. The CASIEF Symposium included four dynamic speakers addressing the issue of equitable surgical access in remote regions of Canada, as we recognize that many of the “global health” issues also exist in our own backyard! During this CASIEF panel session, we heard from Jason Pennington, Margot Latimer, Jason McVicar, and Tanas Sylliboy about the health disparities faced by Indigenous Peoples in Canada. This amazing group of leaders gave the audience inspiring advice for improving care for Indigenous people without sugar coating the harsh reality of present-day health disparities. While it is not yet clear what role CASIEF will play in improving perioperative care for remote and Indigenous Canadians, Jason McVicar is leading ACUDA and CASIEF efforts to explore this important goal. The CASIEF dinner took place at Pier 21 on Sunday, June 26. Dr Jochen Hinkelbein, from Cologne, Germany gave a stimulating presentation on anesthesia, surgery, and resuscitation during space travel! While this talk was meant primarily as entertainment, there is a real connection to the incredible work our colleagues in CASIEF’s partner countries do every day. The year 2022 has seen some big changes in CASIEF’s on-line profile. We have adopted a new logo, robust social media presence, and have a new website, built from the ground up. CASIEF has been working to update its Terms of Reference and Board membership. Two new volunteer non-physician members have been added, bringing alternate skillsets (Legal and Accounting) to the Board.

Fundraising has continued to be a primary focus for our Foundation. Many generous anesthesiologists have joined our Monthly Donor program, and legacy donations and gifts of securities are being encouraged. Dr Lucie Filteau, our CAS President, has turned her custom replica of an anesthesia machine into a buildable set (complete with 840 LEGO® bricks, a full colour printed instruction book and professionally printed, pre-cut vinyl stickers). A portion of the proceeds (\$50) from each anesthesia machine sold has been donated to CASIEF. CASIEF is grateful for all of the Canadian anesthesiologists who support colleagues in low resource settings around the world with time and financial contributions. We encourage all those interested to visit our NEW website at www.casief.ca , watch our [YouTube videos](#), and contact us at info@casief.ca to find out how to be a part of our important work!