

Canadian Anesthesiologists' Society



ANNUAL ORGANIZATIONAL REPORT 2021

TABLE OF CONTENTS

Report of the President
Report of the Treasurer
Report of the Editor-in-Chief – *Canadian Journal of Anesthesia*

Committee Reports

Archives and Artifacts
Awards Committee
Continuing Education and Professional Development
Physician Wellness
Quality and Patient Safety
Research Advisory

Section Reports

Anesthesia Assistants
Environmental Sustainability
Hospital Chiefs of Anesthesia
Obstetric
Pediatric
Perioperative Medicine
Regional and Acute Pain
Residents

Other Reports

Association of Canadian University Departments of Anesthesia (ACUDA)
Canadian Anesthesia Research Foundation (CARF)
Canadian Anesthesiologists' Society International Education Foundation (CASIEF)

CAS Board of Directors
National Office Staff Team
Standing Committees
Section Executive Members
Sub-Committees

2021 Financial Statements

REPORT OF THE PRESIDENT

Dr Dolores McKeen, MD FRCPC MSc CCPE

The past 12 months have been productive and eventful for CAS. I would like to thank our members, volunteers, the Executive Committee (EC), the Board of Directors, our Executive Director and the CAS staff team for their continued input and commitment to CAS.

In September, I will be concluding my 2-year term as President. I would like to thank everyone for their guidance and input during my Presidency. I am confident that my colleague and incoming CAS President, Dr Lucie Filteau, along with our excellent Board, will continue to expand on the hard work we've accomplished as an organization.

Ongoing Advocacy, CAS Virtual Annual Meeting 2.0, WFSA successful bid and Other Business

Our ongoing professional advocacy was a key focus this year. In early 2021, CAS learned that the Ministry of Health in British Columbia had created a plan to introduce Certified Registered Nurse Anesthetists (CRNAs) as independent anesthesia providers - new health profession – and to establish an educational program to train CRNAs in BC. Since learning of the Ministry's intentions, CAS has supported our BC colleagues with their advocacy efforts including the development of strategy to deter the Ministry from implementing this change. Additionally, with an eye to ensuring that additional provinces did not consider this possibly dangerous decision, we also engaged a public affairs firm to work with us at the national level. Learn more about what we are doing in our [official statement](#).

The second major focus of our advocacy was increasing the connection between CAS and Family Practice Anesthetist (FPA) colleagues. At our 2021 November Board meeting, CAS passed [a resolution committing CAS to further develop engagement with our FPA colleagues](#).

Stay tuned for updates on [these and other advocacy issues](#) related to anesthesia. As always, one of our primary organizational goals is advocacy. We strive to remain a driving force to nationally advance the interests of anesthesiologists and to be the recognized voice of the profession.

The second virtual version of the CAS Annual Meeting was held on June 12-13, 2021. Building on the lessons learned from 2020's inaugural virtual meeting, the 2021 edition proved to be dynamic, offering excellent presentations and sessions with takeaways directly applicable to the modern practitioner. The scientific program again did not disappoint, with expert speakers from across the globe presenting a superb educational program. In 2021, we aimed to make the Annual Meeting experience fluid and user friendly. This was based around a new online portal, where meetings, Problem Based Learning Discussions (PBLDs), an activity hub and other resources were conveniently located and quickly accessible. This virtual lobby made an action-packed weekend much easier to navigate for delegates.

We are happy to be back in-person this year, June 24-26, 2022, in Halifax. We will feature a hybrid program, with virtual options for those unable to attend in-person. I personally cannot wait to meet up with my colleagues and friends once again, and to welcome you to the beautiful city of Halifax, NS. You are certain to have a great time!

This year CAS also [announced a successful bid for the World Congress of Anaesthesiologists \(WCA\)](#), approved for Vancouver in 2028. Every four years the World Federation of Societies of Anesthesiologists (WFSA) and a member National Society co-host this meeting. The WCA is the pre-eminent international congress for anaesthesiologists from around the world and provides an extraordinary opportunity for the promotion of science, education, training, networking, and the exchange of experience across the spectrum of anesthesiology. We are looking forward to hosting the world in 2028!

In 2021, we also [announced a partnership with MD Financial Management \(MD\)](#). The three-year agreement, whereby MD and Scotiabank will be the exclusive financial services partners of CAS, will provide resources that will support initiatives that create new professional development opportunities while supporting existing educational programs. We've already launched several webinars with MD, covering topics like Demystifying Retirement, and Planning ahead: When, why and how best to wind down your corporation, and Market Trends.

The start of 2022 has also seen a flurry of member discounted educational offerings. In March we launched a leadership event, "[Keys to Encourage Engagement, Productivity and Combat Burnout](#)," led by Beverly Beuermann-King from Work Smart Live Smart. In April, we had the third [Neuroanesthesia National Virtual Round](#), led by the CAS Neuroanesthesia Section. In May, and we launched a new CPD Online Module, "[Anesthetic Considerations For Endovascular Treatment Of Acute Ischemic Stroke](#)." All of these events were well received and attended. CAS is currently creating an education calendar for the remainder of 2022 and the start of 2023, ensuring that we have something available for members regularly throughout the year.

Throughout the past year, we've had exciting news and updates from several committees, sections and affiliates, all outlined [on our website](#) and in our quarterly newsletter [Anesthesia News](#). We also expanded our online presence, by creating [Instagram](#) and [LinkedIn](#) organizational accounts. We've heard feedback from members that they want more avenues to connect with us online, and we foresee these new avenues helping with that. As always, CAS is proud of its members, their ongoing engagement and commitment.

CAS Operational Structure Changes and Updates

The CAS National Office continues to successfully operate virtually, with some turnover. Amanda Cormier left the Society in September 2021, after nearly four years with the organization as Director of Membership, Education and Communications. Ashley Smith was appointed the new Director of Membership, Education and Communications, having worked in the non-profit sector for over a decade, with extensive experience in managing projects to enhance member and volunteer engagement. Carolyn Gillis, Editorial Assistant with the

Canadian Anesthesiologists' Society
Annual Report 2021

Canadian Journal of Anesthesia for over 20 years, retired after decades of excellent editorial support. Fatima Khan joined the *Canadian Journal of Anesthesia* as its new Editorial Assistant. We wish Amanda and Carolyn all the best, and welcome Ashley and Fatima!

As this will be my last opportunity during my tenure as President, I would again like to recognize the outstanding contributions and support of so many people and thank the CAS membership for allowing me to contribute to the society in this auspicious capacity. Best of luck to everyone – and thank you.

REPORT OF THE TREASURER

Dr Hilary Grocott, FRCPC

I am pleased to report that our 2021 audited financial statements show that we are once again posting a net surplus; this despite the additional challenges of the COVID-19 pandemic. Highlights are discussed below. The CAS financial reports are divided into three business areas: the Annual Meeting (AM), CAS Administration (CAS), and the *Canadian Journal of Anesthesia* (CJA).

As of December 31, 2021, the CAS has \$4,306,193 in assets (including an investment portfolio of \$1,970,041) and \$1,469,761 in liabilities.

Table 1

The table below gives an overview of the Society's financial situation.

	2021 (thousands)				2020 (thousands)			
	AM	CAS	CJA	TOTAL	AM	CAS	CJA	TOTAL
Revenues	232	1,301	648	2,181	82	1,387	667	2,136
Expenses	336	1,144	503	1,983	475	1,003	474	1,952
Surplus (Deficit)	(104)	157	145	198	(393)	384	193	184

Annual Meeting

As a result of the pandemic, the Annual Meeting was held in a virtual format, similar to 2020. The Society and the event organizers were better prepared this year, resulting in a deficit that is significantly less compared to the previous year. Although the membership benefited from the virtual format in 2020 and 2021, the Society recognizes the significant advantages of in-person meetings; the Annual Meeting in June, 2022 will be in-person. However, due to remaining Covid-related uncertainties, a hybrid format that allows virtual attendance is also being accommodated.

CAS Administration

The CAS Administration successfully managed to have positive balance throughout the year. Surplus is lower than last year and that is mainly due to lower fair market value of the investment portfolio. Job posting revenue, investment earnings, and the Canada Emergency Wage Subsidy were higher than expected. Rent expense is significantly lower than in previous years since the office was officially closed on February 28th, 2021. Staff has been working from home since the beginning of the pandemic and will continue to do so.

Canadian Journal of Anesthesia (Journal)

The *Journal* has done well again this year, though revenue is lower and expenses are higher than they were in 2020. The lower revenue is due to less favorable exchange rates (influencing the publishing contract) and the higher expenses are related, in part, to the transition to the new Editor-in-Chief, Stephan Schwarz, as well as a small expansion to the editorial board.

On the radar

As we look back at our accomplishments and reflect on our successes and achievements, we look forward to opportunities and challenges that lie ahead. The following are a few projects that are ongoing that may impact our future finances.

The Society's current financial position remains stable. However, we are constantly aware of ongoing Covid-related uncertainties which have variable impacts on both revenues and expenses. For example, the 2022 CAS Annual Meeting is designed as a hybrid meeting requiring both an in-person and a virtual platform, at additional cost.

There are plans to review the investment policy and revise the asset mix based on the recommendation of our investment managers. This proposed change will see our investment asset mix increase to 50% equities.

The CAS will soon be reviewing its CJA publishing contract with Springer. This will incur some expenses related to acquiring the services of a publishing consultant.

The Society exists to serve its members. Staff has been working on the implementation of the new membership database, planned to be launched in 2022. Though this incurs an expense through our new association management system, its overall benefits have been seen to be far greater than the costs.

Conclusion

The Society had another successful financial year which is a significant achievement considering the circumstances on the ongoing pandemic. The CAS and the CJA have both maintained their surplus positions.

This positive outcome is a result of exemplary contributions. I especially want to emphasize the work of Executive Director, Debra Thomson and her dedicated team; the Annual Meeting Committee Chair, Dr Adriaan Van Rensburg; and, *Canadian Journal of Anesthesia* Editor-in-Chief, Dr Stephan Schwarz. I also want to thank the Finance Committee members and the CAS Board of Directors, chaired by Dr Dolores McKeen.

REPORT OF THE CJA EDITOR-IN-CHIEF

Dr Stephan Schwarz, FRCPC

CJA MISSION STATEMENT:

“Excellence in research and knowledge translation related to the clinical practice of anesthesia, pain management, perioperative medicine and critical care.”

Overview

The *Canadian Journal of Anesthesia/Journal canadien d’anesthésie* is the official journal of the Canadian Anesthesiologists' Society (CAS) and, since 2017, the Canadian Critical Care Society (CCCS). This is my first report as Editor-in-Chief (EIC) of the *Journal*, and, I will summarize herein some of the key points in the *Journal's* progress since taking over the helm from my predecessor, Dr. Hilary Grocott, on January 1, 2021. Some of the metrics in this 2021 report reflect data for 2020, as some 2021 data (notably, the Clarivate Analytics Journal Impact Factor) will not be available until after the report is submitted.

Key Data:

- Submissions: **1005** (1,335 in 2020; 962 in 2019)
- Published articles: **270** (308 in 2020; 277 in 2019)
- Acceptance rate: **30%** (26% in 2020; 30% in 2019)
- Time from submission to first decision: **14 days Jan-Apr 2022**
(20 days in 2021; 12 days in 2020; 14 days in 2019)
- Time from submission to final accept decision: **105 days**
(97 days in 2020; 110 days in 2019)
- Usage: **1,998,386 full-text downloads in 2021**
(2,012,119 in 2020; 1,383,971 in 2019)
- **2021 CiteScore – 7.2** (2020 – 6.1; 2019 – 5.3)
- **2020 Impact Factor – 5.063** (2019 – 3.779; 2021 IF due out in late June 2022); for the first time in its history, the *Journal* advanced to “Q1” (first quartile) status

Usage

The content of the *Journal* is available through direct subscription to all CCCS and CAS members. In addition, there were 6,328 institutions/consortia with online deals and 2,390 with Transformative Agreements/Compact Deals that access the *Journal*. The *Journal* continues to be accessed by an ever-increasing number of other users. In 2020 and 2021, we averaged >165,000 downloads per month. In terms of full-text article requests by geography, 12% of requests originated from Canada in 2021, in comparison to 22% of requests originating from the United States. Twenty-six per cent of requests now come from Asia-Pacific countries, 23% from Europe, and 17% from elsewhere. These data continue to reflect the international in scope of the *Journal*.

Special Editorial Activities

In addition to the daily operation of the *Journal*, 2021 as my first year as EIC was filled with a long list of special editorial activities and initiatives, briefly summarized below:

- Appointment of new Deputy EIC: Philip Jones (London)
- Establishment of new Associate Editor positions: EDI and Social Media
- International Editorial Board expansion
- Domestic Editorial Board renewal
- Transition to Transformative Journal (cOAlition S partner)
- CAS-CCCS MoA review, renewal, and signature
- Planning and publication of Special Themed Issues
(September 2021–Airway; August 2022–Postoperative Opioid Analgesia; 2023–EDI;
2023–New Canadian Death Determination Guidelines [CCCS/Canadian Blood
Services/Health Canada/CMA])
- Establishment and publication of two new online Topical Collections:
Airway Management and EDI
- Guide for Authors renewal (process underway; current guide published 2011)
- Visual appearance/design/layout/typography renewal (process underway)
- Editorial Assistant retirement (Carolyn Gillis; March 31, 2022); search and appointment of successor (Fatima Khan)
- Processing and execution of overdue retractions (Joachim Boldt; Yuhji Saitoh)
- Improvement of Electronic Supplementary Material format

Editorial Board Developments/Appointments

As indicated above, considerable efforts in 2021 and early 2022 were dedicated to the evolution, expansion, and renewal of the Editorial Board. An important goal was and is to make progress in the area of EDI, and in particular, the proportion of women on the board. Below is a summary of new appointments undertaken in the period.

Senior Editorial Board

- Associate Editor: Sheila Riazi (Toronto) (2021)
- Associate Editor: Vishal Uppal (Halifax) (2022; replaced Sheila Riazi who was appointed Chief of her clinical Department)
- Associate Editor, Social Media (San Francisco)
- Associate Editor, French Language: Philippe Richebé (Montreal)
- Guest Editor, EDI: Alana Flexman (Vancouver)
- Guest Editor, Global Health & Sustainability: Adrian Gelb (San Francisco)

Editorial Board

- Kathryn Anne Sparrow (St. John's)
- Sheila Myatra (Mumbai/India)
- Catherine Chen (San Francisco/USA)
- Sina Coldeway (Jena/Germany)
- Susan Lee (New Westminster)
- Louise Sun (Ottawa)

(Note: Appointment of six women)

CCCS

- Associate Editor: Patricia Fontela (Montreal)
- Associate Editor: Alexis Turgeon (Quebec City)
- Bourke Tilmann (Toronto)
- Stephen Yang (Montreal)

Production and Editorial Content

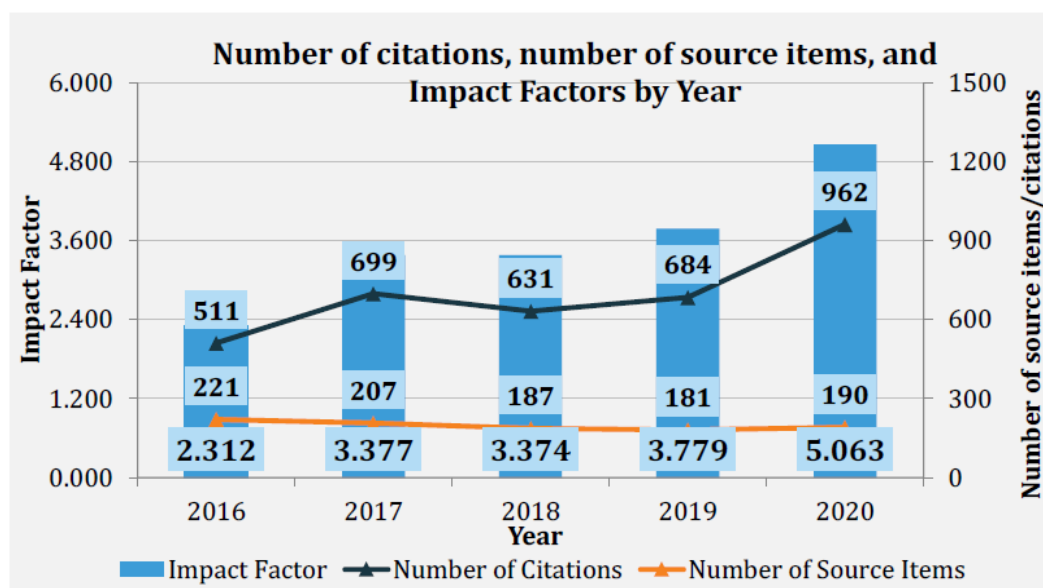
There were 270 articles published in 2021 as compared to the 308 articles published in 2020. The editors remained highly selective in 2021 in regard to choosing which articles were published

Canadian Anesthesiologists' Society Annual Report 2021

according to their novelty, scientific merit, and overall importance. Each issue contains, on average, 2-3 editorials, 5-6 reports of original investigations, 1-2 review articles, reflections, continuing professional development modules (3-4 per year), occasional case reports (5-6 per year), correspondence items, and book reviews.

Critical Care and COVID-19 Content – Approximately 7% of the reports of original investigations were related to critical care-themed studies (2020, 13%; 2019, 8%). This content is growing and the CCS relationship continues to be an important one to foster. Approximately 11% in 2021 related to COVID-19, compared to 26% in 2020.

Impact Factor Analysis



2020 Journal Citation Report: Anesthesiology

Journal name	ISSN	eISSN	Category	Total Citations	2020 JIF	JIF Quartile	2020 JCI	% of OA Gold
JOURNAL OF CLINICAL ANESTHESIA	0952-8180	1873-4529	ANESTHESIOLOGY - SCIE	5,577	9.452	Q1	1.48	2.68 %
BRITISH JOURNAL OF ANAESTHESIA	0007-0912	1471-6771	ANESTHESIOLOGY - SCIE	27,510	9.166	Q1	2.50	7.64 %
ANESTHESIOLOGY	0003-3022	1528-1175	ANESTHESIOLOGY - SCIE	33,319	7.892	Q1	2.56	1.13 %
PAIN	0304-3959	1872-6623	ANESTHESIOLOGY - SCIE	45,325	6.961	Q1	1.85	8.63 %
ANAESTHESIA	0003-2409	1365-2044	ANESTHESIOLOGY - SCIE	13,711	6.955	Q1	2.12	17.54 %
REGIONAL ANESTHESIA AND PAIN MEDICINE	1098-7339	1532-8651	ANESTHESIOLOGY - SCIE	7,161	6.288	Q1	1.93	6.79 %
ANESTHESIA AND ANALGESIA	0003-2999	0003-2999	ANESTHESIOLOGY - SCIE	31,391	5.108	Q1	1.62	2.91 %
Canadian Journal of Anesthesia - Journal canadien d'anesthésie	0832-610X	1496-8975	ANESTHESIOLOGY - SCIE	8,032	5.063	Q1	1.12	5.04 %
Pain Physician	1533-3159	N/A	ANESTHESIOLOGY - SCIE	6,424	4.965	Q2	1.08	0.00 %
EUROPEAN JOURNAL OF ANAESTHESIOLOGY	0265-0215	1365-2346	ANESTHESIOLOGY - SCIE	5,302	4.330	Q2	1.50	3.67 %
Anaesthesia Critical Care & Pain Medicine	2352-5568	2352-5568	ANESTHESIOLOGY - SCIE	1,101	4.132	Q2	0.88	15.51 %
JOURNAL OF NEUROSURGICAL ANESTHESIOLOGY	0898-4921	1537-1921	ANESTHESIOLOGY - SCIE	1,988	3.956	Q2	1.04	1.47 %

CATEGORY

ANESTHESIOLOGY

8/33

JCR YEAR	JIF RANK	JIF QUARTILE	JIF PERCENTILE
2020	8/33	Q1	77.27
2019	9/32	Q2	73.44
2018	9/31	Q2	72.58
2017	9/31	Q2	72.58
2016	16/31	Q3	50.00

Contributions by organizations

[Export](#)

Organizations that have contributed the most papers to the journal in the most recent three-year period. [Learn more](#)

RANK	ORGANIZATION	COUNT
1	UNIVERSITY OF TORONTO	163
2	UNIVERSITY OF OTTAWA	107
3	UNIVERSITY OF BRITISH COLUMBIA	67
4	MCMASTER UNIVERSITY	64
5	WESTERN UNIVERSITY (UNIVERSITY OF WESTERN ONTARIO)	60
6	UNIVERSITY OF MANITOBA	58
7	MCGILL UNIVERSITY	50

Contributions by country/region

[Export](#)

Countries or Regions that have contributed the most papers to the journal in the most recent three-year period. [Learn more](#)

RANK	COUNTRY / REGION	COUNT
1	Canada	550
2	USA	194
3	England	31
4	Australia	28
-	France	28
6	India	26
7	CHINA MAINLAND	17
-	Japan	17
9	Switzerland	16

Updates to the Journal's online presence

Our online content and other social media presence continues to evolve with Dr. Ron George serving as our *Associate Editor, Social Media*.

Social media platforms, such as Twitter and Instagram are social utilities, providing meaningful professional and social benefits. To take advantage of these benefits CJA must be part of the conversation. The modern approach to staying informed and disseminating valuable anesthesia content includes engagement in social media. This medium is becoming an accepted venue for discussion among physicians, researchers, and professional groups including patients.

Other Non-Impact Factor Metrics

In addition to traditional metrics (e.g., impact factor), journals and their content are also evaluated according to alternative metrics – or so-called *Altmetrics*.

Our publisher uses Altmetric to measure attention to our articles. Altmetrics are an aggregate of multiple data sources derived mostly from news stories, tweets, Facebook pages, blog posts, and Mendeley readers. Altmetric measures immediacy and attention for the article as well as nonacademic engagement. The *Journal* recognizes the opportunity to share interesting and exceptional articles via social media.

The figure below demonstrates an example of the CJA's top articles aggregated by Altmetric scores.

	2018	2019	2020
News Stories	62	47	43
Tweets	5,284	7,601	8,438
Facebook posts	45	40	34
Blog Posts	19	12	20
Google+ posts	13	3	
Videos	6	4	1
Other	146	156	218
Total number of mentions	5,575	7,863	8,754
Total number of research outputs	373	464	509

Canadian Anesthesiologists' Society
Annual Report 2021

In summary, it has been a tremendous privilege and honour to serve the *Journal* as Editor-in-Chief in 2021, and I look forward to the exciting developments moving forward.

Respectfully submitted,

A handwritten signature in blue ink, reading "Stephan Schwarz". The signature is fluid and cursive, with a long horizontal stroke at the end.

Stephan K. W. Schwarz, MD, PhD, FRCPC
Editor-in-Chief
June 2022

COMMITTEE REPORTS

ARCHIVES and ARTIFACTS

Dr Mike Wong, FRCPC – Chair

Committee Members:

- Dr Daniel Chartrand
- Dr David McKnight
- Dr Étienne de Médicis
- Dr Karim Mukhida
- Dr Justine Denomme
- Dr Sonya Soh
- Dr Garrett Barry

The Archives and Artifacts (A&A) Committee has undergone significant change over the past year! First, I had the pleasure of starting my term as A&A Chair. I would like to extend my thanks to our previous committee Chair Dr Daniel Chartrand for facilitating a seamless transition, and also for his leadership on the committee. We are also fortunate to welcome several enthusiastic new members to the A&A Committee in recent months: Drs Justine Denomme, Sonya Soh, and Garrett Barry.

As an ongoing project over the past few years, Dr David McKnight has been instrumental in working toward cataloging and sorting several hundred boxes of historical CAS documents and artifacts. Unfortunately, this initiative continues to be on hiatus in light of the CAS office closure. The remaining boxes are safely in storage at Iron Mountain. In the coming year, we hope to find opportunities to resume our work with these materials. I suspect CAS may see substantial savings on annual storage fees if we have the opportunity to consolidate our archival materials and also discard irrelevant items.

Our “History Corner” column has appeared regularly in each edition of Anesthesia News this year, highlighting historical figures, events, and developments. We will continue producing this column to drum up interest in the illustrious story of Canadian anesthesia, and we plan to include contributions from CAS members outside of the A&A Committee as the opportunity arises.

The “Past-Presidential Interviews” project was started this year. The A&A Committee is seeking to interview all living CAS Past-Presidents for our archives, to gain better understanding of their active years with CAS and to preserve a more complete portrait of their clinical and personal lives. Sometime in the next year, the interview transcripts will be uploaded to the CAS website for public access and scholarship. I would like to thank medical student Amy Liu (McMaster University), who has been volunteering her time and attention to detail with this project.

We have started a Twitter account (@CAS_History) to highlight aspects Canadian anesthesia history, the lives of our important predecessors, and the general activities of the A&A Committee.

This year, we look forward to returning to the long-awaited, in-person CAS Annual Meeting in Halifax. For our History Symposium, Dr Homer Yang (Western University) will speak about the evolution of anesthesia care models in Canada, a most salient topic given perennial concerns around physician resource planning and current controversies around nurse anesthesia in Canada.

As always, I encourage all CAS members to send us questions and suggestions about the history of Canadian anesthesia.

Finally, I would like to thank the members of the A&A Committee as well as the CAS staff, without whom none of this would have been possible.

AWARDS COMMITTEE

Dr Juan-Francisco Asenjo, FRCPC – Chair

Committee Members

- Dr Juan-Francisco Asenjo
- Dr Frederick Baxter
- Dr David Bell
- Dr Davy Cheng - from January to August 2021
- Dr Achal Dhir
- Dr Richard Hall
- Dr Gregory Hare
- Dr Angela Ridi
- Dr Maria Salman
- Dr Jennifer Vergel de Dios

The Awards Committee was established in late 2020 to oversee and adjudicate the CAS Honour Awards Program. The group considers the qualities, qualifications and contributions of all nominees for the Honour Awards, ensuring that the awards are bestowed on those individuals who have distinguished themselves by the character of their contribution to CAS, the profession and/or the community. The Committee is also responsible for setting eligibility criteria, nomination rules, and scoring guidelines.

In its first year, the Awards Committee has functioned under the guidance of CAS staff, while settling into its role and waiting for a Chair to take over the leadership. The group has focused its energy on the launch of the 2021 Honour Awards Program and its adjudication, and at the same time on clarifying the awards criteria and optimizing the process.

We would like to thank all the members for choosing to be a part of the Committee and all their work in ensuring the continuity and success of the Honour Awards Program. A particular recognition to the CAS staff that facilitated the launch and establishment of this Committee.

CONTINUING EDUCATION AND PROFESSIONAL DEVELOPMENT

Cristina Mita, CAS Manager, Education and Policy

CEPD Committee Staff Liaison

Committee Members:

- Dr Fahad Alam
- Dr Virenda Arya
- Dr Justine Denomme
- Dr Natalie Goucher
- Dr Niveditha Karuppiah
- Dr April (YiChen) Liu
- Dr Sabine Nabecker
- Dr H  l  ne Pellerin
- Dr Wilfredo Puentes
- Dr Stephan Schwarz
- Dr Peter Slinger
- Dr Sanjho Srikandarajah
- Dr Jordan Tarshis
- Dr Adriaan Van Rensburg
- Dr Richard Waldolf

Committee meetings and membership

The Committee met once in March 2021.

Two members ended their terms during the year, Dr Darcy Bishop and Dr Marie-Jos  e Nadeau, and ten new members joined the group: Dr Fahad Alam, Section for Education and Simulation in Anesthesia Chair, Dr Virenda Arya, Dr Justine Denomme, Dr Natalie Goucher, Dr Niveditha Karuppiah, Dr April (YiChen) Liu, Resident Representative, Dr Sabine Nabecker, Dr Wilfredo Puentes, Dr Stephan Schwarz, *Canadian Journal of Anesthesia* Editor-in-Chief, Dr Sanjho Srikandarajah.

The CEPD Committee has continued functioning under the guidance of CAS staff, while efforts were made to recruit a Chair.

Accreditation activity

The COVID-19 Pandemic has continued to affect CPD providers throughout 2021. If 2020 saw a complete stop or redesign of planned activities, 2021 saw a shift to virtual programs and a return to non-COVID related topics along with an increase in accreditation applications compared to the previous year. The Royal College of Physicians and Surgeons of Canada reinstated the CME requirement for fellows and the accreditation process returned to normal as the critical COVID-19 related education needs decreased.

In total, we received thirteen eligible non-COVID related applications compared to just seven in 2020, and accredited twenty-seven activities (16 Section 1, 10 Section 3 SAP, 1 Section 3 SIM), to a total of 169 hours of CPD. Almost half (12) of all accredited activities were developed by CAS and the *Canadian Journal of Anesthesia*. As expected, the majority of activities were virtual, and only the simulation program was done in person.

Applications were reviewed by the CEPD Committee members and the CAS Education and Policy Manager. The education consultant was involved in reviewing one Section 3 application.

The accreditation revenue increased compared to the previous year.

	2019	2020	2021
Accreditation revenue	\$14,500	\$ 1,750	\$6,125
Number of completed applications	19	15 – 8 COVID-19 related, 7 regular activities	13

Other Activities

Through Dr Tarshis, Past-Chair, the CEPD Committee has continued advising the Annual Meeting Committee on educational matters and the CPD Modules Planning Subcommittee on the development of *Canadian Journal of Anesthesia* CPD modules.

CAS completed its bi-annual needs assessment survey, approved by the Committee.

With support from the Education and Policy manager, The Neuroanesthesia Section successfully completed the self-approval process for the Canadian Anesthesiologists' Society Neuroanesthesia Section National Virtual Round under Section 1 of the Royal College Maintenance of Certification Program.

CAS developed a training module for accreditation reviewers, accessible to all members of the Continuing Education and Professional Development Committee in the CAS learning management system.

PHYSICIAN WELLNESS

Dr Saroo Sharda, MBChB MMed FRCPC – Chair

Committee Members:

- Dr Anita Chakravarti, Vice Chair
- Dr Fahad Alam
- Dr Sukhjeewan Basran
- Dr Tumul Chowdhury
- Dr Chris Durr
- Dr Claudia Gomez
- Dr Vit Gunka
- Dr Mika Hamilton
- Dr Jennifer Klinck
- Dr Judy Marois
- Dr Allana Munro
- Dr Brittany Prevost
- Dr Mandeep Singh
- Dr Hamed Umedaly
- Dr Anne Wong

The physician wellness committee is the newest of all the CAS committees with a mandate to support practices that encourage anesthesia physician wellbeing and health, while also addressing the increasing rates of burnout in our specialty.

New Wellness Section in 2022 Guidelines

The wellness committee is delighted that our collaboration with the Standards Committee has resulted in the first major change to the wellness section in the Guidelines to the Practice of Anesthesia. Under the leadership of Drs Sharda and Dobson, the 2022 Guidelines now have a section entitled Physician Health and Wellness.

The section lists wellness recommendations ranging from equitable and transparent scheduling and hiring policies, adequate rest/breaks, availability of appropriately skilled help, zero tolerance of discrimination, to appropriate transition plans for retiring anesthesiologists.

The article by Dr Dobson outlining details can be found [here](#).

A Twitter thread of highlights of the recommendations can be found [here](#).

The goal of the wellness committee in embedding these recommendations into a national guidelines document, is to strongly encourage Departments and organizations to act and

implement evidence-based wellness interventions within their local contexts. Please share with your colleagues and leaders.

We recognize this is just a first step and we plan to refine and add to this section annually.

Update on Peer Support Training

On February 6, 2021, several CAS members underwent peer support/critical incident stress management training. The wellness committee also held a workshop where members interacted with guest speakers who have successfully started peer support programs at their own institutions.

One of those guest speakers, Dr Andrea Lum, has now developed specific peer support training modules online. Information about those and how to contact Dr Lum for more in-depth expertise on setting up a program at your hospital/institution is below.

Thank you to Dr Lum for providing these details. Please contact Dr Lum directly (not the generic contact information on the Schulich website) for discussion and interest:

Dr. Andrea Lum
Vice Dean Clinical Faculty Affairs
Schulich Medicine & Dentistry
Andrea.Lum@schulich.uwo.ca

1. Schulich Wellbeing Program Peers for Peers

Our Wellbeing Program is linked [here](#).

In 2022, we are in the process of producing a guide on the development and implementation of a program for anyone interested in starting one at their centre.

2. Peers for Peers Training

An online asynchronous CPD accredited training developed by Schulich to enable physicians within a peer support program to attain the skills to provide support for their peers.

Training modules:

1. Empathetic Listening
2. Simulated Discussion - 1 & 2
3. Understanding Professionalism
4. Recognizing and Responding to Distress
5. Understanding Non-Discrimination and Harassment
6. Implicit Bias and Inclusion

Update from Dr Mandeep Singh

1. A Canada-wide survey of Shielding physicians during COVID19 pandemic was constructed and circulated to the members. An abstract of findings of the survey will be presented at the upcoming CAS meeting.
2. Ongoing projects include:
 - a. Evaluating the effectiveness of digital cognitive behavioural therapy for insomnia (CBTi) in health care workers (The HCW-CBTi Study): A 2-arm, pragmatic, prospective, parallel randomized controlled trial.
 - b. *This project recently received funding from the Ministry of Health, and will be rolling out to our fellow HCW colleagues.*
 - c. Formulating a national strategy to promote wellness for Canadian Anesthesiologists and trainees using a modified Delphi technique-based survey: CAS Core Wellness Strategic Plan
 - d. *Members of the CAS wellness committee, national and international experts in wellness will define the CAS Core Wellness Strategic plan, and build upon the recently included recommendations in the CAS standards, for implementation, and future research in this emerging area.*

A big thank you to Vice Chair Dr Chakravarti for her expertise and leadership and Dr Singh, who is leading our research efforts with much dedication. Much gratitude to all Committee members for their input and time despite all the challenges and complexity of the pandemic.

—

Dr Saroo Sharda MBChB MMed FRCPC (She/Her)

Staff Anesthesiologist, Oakville Trafalgar Memorial Hospital.

Medical Advisor & Diversity, Equity, Inclusion Lead, College of Physicians and Surgeons of Ontario.

Assistant Clinical Professor & Simulation Faculty, Dept of Anesthesia McMaster University.

Chair, Physician Wellness Committee, Canadian Anesthesiologists' Society.

Twitter @SarooSharda_MD

QUALITY AND PATIENT SAFETY COMMITTEE

Dr Conor Mc Donnell, FRCPC – Chair

Committee Members:

- Dr Conor Mc Donnell, Chair
- Dr Lucie Filteau, Past Chair
- Dr Gregory Dobson, Standards Committee Chair
- Dr Kathryn Sparrow, CAIRS Committee Chair
- Dr Claudia Paola Gomez, Physician Wellness Committee delegate
- Dr Maha Said Saud Al Mandhari
- Dr David Hakim
- Dr Esther Shin Hyun Kang, Resident Representative
- Dr Niveditha Karuppiah
- Dr Olajide Kowe
- Dr Kelly Mayson
- Dr Melissa Setiawan
- Dr Vanessa Sweet
- Dr Jordan Tarshis
- Dr Mullein Diana Thorleifson

Departing Committee Members in 2021:

- Dr Daniel Chartrand
- Dr Michael Chong
- Dr Sherissa Microys
- Dr Philippe Richebé
- Dr Haotian Wang
- Dr Homer Yang

Committee Activity:

The Committee Terms of Reference were updated to allow for term extensions on an ad hoc basis and to clarify the membership and voting status of the invited representatives from other committees, specifically the Standards Committee, the CAIRS Committee and the Physician Wellness Committee (optional meeting participation).

Dr Conor Mc Donnell assumed the chair position of the QPSC with Dr Lucie Filteau remaining on the Committee as past chair and bringing significant knowledge of committee, executive, local and national functioning and contacts.

The committee has an ongoing collaboration with the Standards, CAIRS and Physician Wellness Committees.

In collaboration with the CAIRS Committee, the QPSC introduced the first Safety Bulletin to the CAS Newsletter, *Anesthesia News*. This was well-received and will be a regular product from the Committee moving forward (see below).

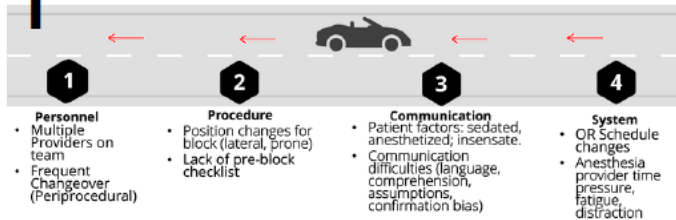


CAS Quality and Patient Safety Committee Bulletin

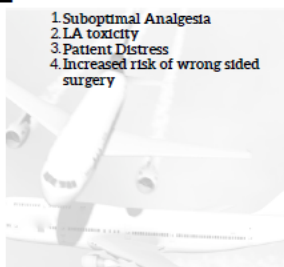
AVOID WRONG-SIDED NERVE BLOCKS

Institutions have implemented strategies to prevent wrong-sided surgery, however, **wrong-sided regional anesthesia continues to occur**. Despite expert recommendations, strategies to prevent wrong-sided regional anesthesia are poorly disseminated and **the incidence of such errors is likely underreported**.

1 Identify Risk Factors



2 Recognize Adverse Effects



3 Plan and Prepare

In addition to identity and consent confirmation, review of allergies and anticoagulation, and monitors and resuscitative equipment check,

- Cognitive aids and team training may help in the successful implementation of the checklist
- Verification of surgical procedure consent and side of surgery
- Marking of limb to be blocked (in place which can still be seen post prep/drape)
- Pre-block Time Out (using a checklist) should be performed immediately prior to performing the block and with personnel change (awake included in process)

4 Recording and Reporting

- Local Incident Report
- M&M and root-cause analysis
- National reporting via CAIRS - scan code for references



Developed by: Dr. M Al Mandhari, Toronto, ON. Dr. Lucie Filteau, Ottawa, ON.

As per previous years, the Standards Committee Chair, Dr. Dobson, offered significant space and time for the QPSC to consider those items in the *Guidelines to the Practice of Anesthesia* that are concerned with Patient Safety. In 2021 this included the addition of wrong-sided block mitigation strategies to the *Guidelines*. Along with the Safety Bulletin, this addition is an example of our commitment to identifying key safety issues and maximizing the dissemination and breadth of our message.

In recruiting new Committee members (four since September 2021) we paid careful and timely attention to the latest teachings on Equity, Diversity and Inclusion (EDI) which resulted in

increasingly diverse representation through the lens of 'status' (increased resident member numbers), geography, sex (three of four new members are female) and BIPOC representation. It remains an ongoing concern of the Chair that we have few opportunities to include, represent and promote First Nations culture and considerations.

Lastly, our Committee was actively engaged in the submission and acceptance of Safety and Quality content for 2022 CAS Annual Meeting.

CAS AM - June 2021 (virtual)

For the 2021 Annual Meeting, the QPSC organized the **John Wade Patient Safety Symposium**. Presented by Dr Ramani Moonesinghe and moderated by Dr Conor Mc Donnell, the symposium topic was *Perspectives on Quality – How to Win Friends and Influence People*. The session was very well attended, with lots of engagement throughout the talk via social media posts and tweets, and significant engagement during the Q&A discussion. We received excellent feedback scores and comments from attendees.

[Click to view full report from the session \(PDF\)](#)

The Ian White Patient Safety Award, which our committee helps adjudicate, was awarded to Isabelle Laksono, a medical student from the University of Toronto for the abstract titled *Evaluating the Effect of a Quality Improvement Bundle to Reduce Opioid Prescriptions After Cesarean Delivery*.

Future Work / New Directions

Below is a short description of our future priorities and activities.

We will continue communicating and collaborating with CAS national office staff (Ashley Smith, Cristina Mita, Mack Chabelski) on revamping the QPSC web-presence on the CAS website.

We have identified a need to establish QPSC social media handles to boost messaging on important events and updates.

We continue our efforts to educate anesthesiologists for safer patient care. The second QPSC safety bulletin will tie in with a near-future webinar on medication safety in order to maximize the dissemination of the message.

For the 2022 CAS Annual Meeting we have chosen to focus on Situational Awareness. The **John Wade Patient Safety Symposium** will be presented by Dr Lisa Calder, CEO of The Canadian Medical Protective Association, and Prof. Avi Parush, international expert on team dynamics and machine interactions. Both speakers authored the Royal College Primer on Safety & Awareness.

Continuing the theme, QPSC member Dr Vanessa Sweet is developing a Situational Awareness Educational Module. Dr Sweet studied with Professor Parush and is also co-delivering a QPSC simulation workshop at the 2022 Annual Meeting with Prof. Parush.

Outstanding Requests from QPSC

As mentioned above, we will work with the CAS office for the development of QPSC space on the CAS website and the creation of social media accounts / handles for CAS QPSC.

Regards,

Dr. Conor Mc Donnell, on behalf of QPSC

A handwritten signature in cursive script that reads "Conor Mc Donnell".

RESEARCH ADVISORY COMMITTEE

Dr Philip Jones, MSc FRCPC – Chair

Dr Jones took over as Chair of this committee 1 July 2021. Dr Tran was acclaimed to the position of Vice Chair in the fall 2021. We would like to thank Dr Greg Bryson, the former RAC Chair, for all his dedication and hard work on behalf of the RAC and the Society. 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 - 2021

As previously approved by the CAS Board before July 2021, the CAS annual research awards were awarded in June 2021 to the following investigators.

Ontario's Anesthesiologists - CAS Residents' Research Grant – Dr Alexa Grudzinski, Ottawa Hospital - Anesthesiology and Pain Medicine; *Comparing the predictive accuracy of frailty instruments applied to preoperative electronic health data for adult patients undergoing non-cardiac surgery: a retrospective cohort study.*

Canadian Anesthesiologists' Society Research Award – Dr Manoj Lalu, Ottawa Hospital Research Institute; *Cellular preconditioning for post-Surgical Myocardial Ischemic Complications (COSMIC)*

Dr Earl Wynands Research Award – Dr James Khan, University of Toronto – Anesthesiology and Pain Management; *Prevention of persistent pain with Lidocaine infusions in breast cancer surgery (PLAN) trial*

Dr R A Gordon Research Award – Dr Sylvain Boet, The Ottawa Hospital - Department of Anesthesiology and Pain medicine & Department of Innovation in Medical Education; *Effect of a life coaching intervention on the well-being and distress of anesthesiologists: A randomized clinical trial*

CAS Research Award in memory of Adrienne Cheng – Dr Russell Brown, McMaster University – Anesthesia; *Investigating novel serum biomarkers of Malignant Hyperthermia*

Career Scientist Award – Dr Jessica Spence, McMaster University Faculty of Health Sciences - Departments of Anesthesia and Critical Care; *Neurocognitive outcomes of cardiac surgery*

2) Grant Standing Subcommittee (GSS) Composition Changes

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 scheduled for 30 April 2022:

- 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)
- Jonathan Gamble (Saskatoon, EN)
- Donald Griesdale (Vancouver, EN)
- Gregory Hare (Toronto, EN)
- Melissa Shears (Resident, Edmonton, EN)
- Kathryn Sparrow (St John's, EN)

3) Updated Terms of Reference for RAC and GSS

In the fall of 2021, numerous small changes were approved by the CAS Executive to the Terms of Reference for both the main RAC and the GSS. Most changes were minor. Changes were made to the GSS terms to ensure there are always 6-12 people at the grant adjudication committee meeting and that a voting resident member is invited to be part of that meeting. Additionally, the new Section awards were added to the terms of reference for the grant awards.

SECTION REPORTS

ANESTHESIA ASSISTANTS

Mr Jared Campbell – Chair

Executive Members:

- Past Chair: Mark Ratz | Winnipeg, MB
- Vice-Chair: *Vacant*
- Treasurer: *Vacant*
- Secretary: Deanne Ensico | Vancouver, BC

Provincial Representatives

- Laura Noble | Toronto, ON
- Rinko DeVito | Toronto, ON
- Adam Gillis | Halifax, NS

Members at Large:

- Jeffrey Clow | Charlottetown, PEI
- George Saab | Toronto, ON

The Section for Anesthesia Assistants (AA) continues to have decreasing numbers. We have seen significant drop off in the past few years regarding membership. We haven't been the most active of sections; however, hopefully 2022 will be different and AA's will start becoming more involved nationally.

We welcome members to actively participate in our Section. Over the last few years, within the climate of COVID, I feel the lack of travel has caused many previous AA members to not renew their membership with CAS and the AA section. Unfortunately, we rely on a face-to-face meeting every year to meet and greet new members and hear about different practices across Canada. We have limited participation otherwise.

The Section has had very few changes over 2021-22; however, we have added a few new members to our AA executive. Hopefully bringing some new ideas and direction to our chapter.

We look forward to CAS this year in Halifax and hopefully can have some face-to-face time with colleagues and friends. Feel free to contact the executive with any interest

ENVIRONMENTAL SUSTAINABILITY

Dr Vivian IP, FRCPC – Chair

Past Events:

For the Virtual CAS Annual meeting in June 2021, we had 2 sessions including 4 lectures:

Environmental Sustainability in the Perioperative arena with 3 learning objectives (LO) from 2 lectures:

LO 1 To discuss how the perioperative arena is changing over the years and why sustainability needs to be the centerpiece of the anesthetic practice

LO 2 Evaluate the environmental impact of disposable versus reusable equipment choices important to anesthetic practice

LO 3 Evaluate and choose anesthetic plan for orthopedic surgery best suited from an environmental perspective

Anesthesia practice and waste generation: what can we do about it - with 3 learning objectives from 2 lectures:

- 1) Inhaled anesthetic emissions and solutions
- 2) Evidence update on the impact of regional anesthesia in reducing carbon footprint in anesthesia practice.

LO 1 Explain how the waste anesthetic gases are affecting the environment and what measures can be employed to minimize it

LO 2 Evaluate the waste generation in the perioperative arena

LO 3 Discuss examples on how anesthesiologists can improve their environmental footprint without compromising on the safety or efficiency of anesthesia practice.

Other activities:

We are also in the process of putting together a position statement for environmentally sustainable anesthetic practice and hopefully, getting it published in CJA.

We are at the planning stage of the Environmental Sustainable Anesthesia practice virtual symposium and will be submitting the program to the American Society of Regional Anesthesia (ASRA) board of directors in hope that it could be a combined ASRA/CAS event.

Our goals for the upcoming year:

To successfully participate at the upcoming CAS annual meeting with our virtual lectures, PBLD sessions.

We hope that CAS will continue to support hybrid annual conferences in light of the COVID-19 pandemic and the carbon footprint of traveling delegates who have to participate in person.

To hold the Environmental Sustainable symposium as a collaborating event.

To publish the position statement on Environmentally Sustainable Anesthesia practice in *CJA*.

HOSPITAL CHIEFS OF ANESTHESIA

Drs Susan O'Leary, FRCPC, Pascal Labrecque, FRCPC & Colin McCartney, MBChB PhD FRCA FCARCSI FRCPC – Co Chairs

The Hospital Chiefs of Anesthesiology Section was formed in 2018. Dr. Pascal Labrecque, Dr. Colin McCartney and Dr. Susan O'Leary shared in the chair duties. Our aim was to create a national anesthesia leadership forum to facilitate communication, sharing of ideas, solutions to problems and more. The 2018 and 2019 in person Annual Meeting events generated excellent conversation and collegiality. The 2019 survey of Chiefs of Anesthesia provided direction to the section. The ideas generated included the following: a national chief contact list, a generic chief job description and negotiation strategies, Anesthesia department governance and structure, and a discussion forum location on the CAS website.

As the HCA was getting underway, the COVID-19 pandemic interrupted our personal and professional lives. In 2021 we held a virtual session at the CAS Annual Meeting. The open forum focused on the challenges of the pandemic for chiefs and how to continue to lead effectively in the setting of stress, fatigue and burnout. With that, the original objectives of the HCA will evolve. The next steps will be to re-engage with Anesthesia Chiefs in Canada, consider the needs for Anesthesia chiefs in 2022 and how we can best serve our colleagues. The HCA will be seeking new leadership for 2022 and planning for a section meeting in Halifax.

OBSTETRICS

Dr Valerie Zaphiratos, FRCPC – Chair

Section Executive (June 2020 – present):

- Chair: Dr. Valerie Zaphiratos
- Vice-Chair: Dr. Wesley Edwards
- Secretary/Treasurer: Dr. Lorraine Chow
- Past-Chair: Dr. Clarita Margarido
- Member-at-large: Dr. Allana Munro.

For the CAS 2021 virtual meeting, the CAS OB section panel discussion: “Pregnancy, Birth, and COVID-19 in Canada: what are the lessons learned?” took place on Saturday June 12th. The panel featured Obstetric Anesthesiologist, Dr. Paul Wieczorek (Jewish General hospital, Montreal) who has extensive experience managing COVID-19 obstetric patients, Dr. Darine El-Chaâr (Ottawa), Obstetrician with specific expertise on COVID-19 obstetric patients, and Dr. Véronique Morin (Montreal and Nunavik), specialized in public health who discussed management of the COVID-19 pandemic. The CAS OB section also offered a virtual PBLD on post-partum hemorrhage led by Dr Wesley Edwards. The virtual obstetric anesthesia poster session was moderated by Dr. Anton Chau (Vancouver, BC) and Dr. Allana Munro (Halifax, NS).

The Obstetric section is one of the largest sections in the CAS and includes around 150 members annually. CAS OB section membership has grown compared to 2020 and now has 168 members. The Section's financial health is very stable and strong.

Our WhatsApp CAS OB chat group has Obstetrics section member representatives in every province across Canada. The administrators of this group include Dr Zaphiratos (OB section Chair) and Dr Edwards (OB section Vice-chair). Exchange on this virtual group has been beneficial with pertinent, collegial, and engaging discussions. The support and expertise of this virtual group of Obstetric Anesthesia leaders has been essential during these difficult times.

Work from the sub-committee for a national Canadian website to inform the public regarding labour analgesia and anesthesia is still underway. This initiative is based on the website (www.thepainlesspush.com) created by Dr. Katie Seligman (Vancouver, BC) who has agreed to have it become the official CAS website for information on labour analgesia and anesthesia. We are awaiting confirmation of CAS endorsement of the website.

This year, we have worked with CARF to fund a \$20,000 Obstetric Anesthesia research grant for a CAS Obstetrics section member. This new award is in addition to the \$1000 award for Best Paper in Obstetric Anesthesia for Anesthesiologists and the \$500 award for Best Paper in Obstetric Anesthesia for residents and medical students.

Canadian Anesthesiologists' Society
Annual Report 2021

The CAS Obstetric section has planned a program for the CAS Annual Meeting in Halifax 2022 that features Canadian expert speakers. Obstetric Anesthesia providers will benefit from evidence-based panels and presentations that are interesting and pertinent to them. In line with enhanced recovery in other specialties, we have put together an Enhanced Recovery after Cesarean (ERAC) panel to discuss goals and implementation strategies specific for cesarean delivery. Our Post-Dural Puncture Headache (PDPH) panel will update providers on diagnosis and treatment options regarding this complication of neuraxial anesthesia. Also, we will have a virtual Problem Based Learning Discussion (PBLD) session on the use of dexmedetomidine in obstetrics. Dr. Mrinalini Balki, an international expert in the field of uterotonic, will be presenting on "Uterotonics: from basic science to clinical applications". Failed labour analgesia will be discussed by two international experts "Epidural failure: Management of an incomplete labor epidural analgesia and cesarean anesthesia". Finally, an evidence-based debate on "To Dural Puncture Epidural (DPE) or not to DPE?" will take place with two dynamic Canadian expert presenters.

The Obstetric section executive has worked together to publish a Continuing Professional Development module on Post-Dural Puncture Headache (PDPH) in obstetrics for the Canadian Journal of Anesthesia. These same authors will be presenting the panel on PDPH at the CAS annual meeting in Halifax this June 2022. The publication of the module should occur sometime in 2022.

We are looking for a new member of the Obstetrics Section Executive as of June 2022. This involves an 8-year commitment with 2 years in each position (Secretary/Treasurer, Vice Chair, Chair, Past-Chair).

PEDIATRIC

Dr Katherine Taylor, FRCPC – Chair

Section Executive:

- Vice-President: Dr Jonathan Gamble
- Treasurer: Dr Koto Furue
- Secretary: Dr Zoe Brown
- Scientific Committee Chair Dr Susan Goobie, Members: Dr Kimmo Murto, Dr Conor McDonnell, Dr Jonathan Gamble
- Communications Officer: Dr Papu Nath
- Past President: Dr Clyde Matava
- Education Co-Chairs: Dr Katherine Bailey, Dr Ilavajady Srinivasan
- Patient Safety and Quality Committee Co-Chairs: Dr Conor McDonnell, Dr Simon Whyte
- Funded Programs African Pediatric Fellowship Program

As Chair of the Pediatric Subsection and President of the Canadian Pediatric Anesthesia Society (CPAS), I am pleased to report success in achieving our mission of “supporting the best possible perioperative care of children through community, education, quality improvement, and research” despite the challenges of the pandemic in the last twelve months.

We launched our new website in 2021 (www.pediatricanesthesia.ca) providing centralized access to pediatric anesthetic activities across the country and regular newsletters as well as offering opportunities for members to join our initiatives on research, quality improvement and education.

We presented three CPAS Telemedicine Rounds. These Educational Rounds are hosted by different academic centres across the country and held several times per year. Trainees and Staff present interesting cases followed by a discussion of the relevant literature and shared experiences across the country. They represent an excellent opportunity for fellows to present on a national stage with mentorship and support. We thank Dr Nan Gai, former Chair of CPAS Telemedicine Rounds for her efforts in hosting this event for the past two years and welcome Dr Naiyi Sun who assumed this role in 2021. The rounds are recorded and available to members on the website. The next Telemedicine Rounds will resume after the summer break.

The pediatric educational content at the virtual CAS meeting in June was well received. Dr Calvin Lo presented the Problem-Based Learning Discussion “Tonsillectomy- Avoiding the pitfalls” followed by a contemporary review of literature for a common question in pediatric anesthesia, “Your next patient has a cold- should the case proceed?” Drs Jonathan Gamble and Conor McDonnell presented the evidence for perioperative respiratory adverse events, specifically identifying risks of cough, bronchospasm and sleep-disordered breathing after anesthesia in patients with respiratory symptoms and a useful narrative to support discussions

of risks under anesthesia. There were 5 E-posters moderated by Dr Susan Goobie and Dr Kimmo Murto. Dr Allysian Farran (University of Alberta) was awarded the pediatric research award for her presentation on "Continuous Erector Spinae Blocks in Surgery for Adolescent Idiopathic Scoliosis".

In November, we hosted the CPAS Annual General Meeting and scientific webinar with a focus on leadership in Anesthesia. The webinar was titled "Looking toward 2022 for Anesthesia" and received uniformly excellent reviews. There were four invited speakers, three of whom were medical experts working outside anesthesia. Dr Lennox Huang presented "New Models and Ways of Leadership" and opportunities for leadership in Anesthesia and Global Surgery were presented by Dr Janet Martin. Dr Ian McKillop offered advice on how to remain valued in a changing world and Dr Dylan Bould spoke about "Power and Balance in the Operating Room". Thank you to the Scientific Committee and Dr Susan Goobie who moderated the event. This recording can be viewed by members on the website.

A new initiative for CPAS in 2021 is the sponsorship of an Anesthesia Fellow from sub-Saharan Africa to undergo specialty pediatric anesthesia training as a Fellow at the Red Cross Hospital in Capetown, South Africa. We are delighted Dr Henry Nchimunya from Ghana is the first anesthesiologist to join the African Pediatric Fellowship Program, a group that has trained over 230 pediatric specialists with more than 90% returning to their home countries. Dr Nchimunya will complete his fellowship in June 2022 and a new fellow from Ghana has accepted a position for 2022-2023. CPAS as well as other donors support the wages and training costs for the fellow during their twelve-month fellowship. Members who wish to learn more about this initiative and offer financial support can contact me at katherine.taylor@sickkids.ca.

Also new for CPAS, our Education Committee has submitted an application for Pediatric Anesthesia to be recognized as an Area of Focused Competence (AFC) by the Royal College, an extensive application prepared by Dr Katherine Bailey, Dr Ilavajady Srinivasan, Dr Rebecca Dube and Dr Richa Sharma. The AFC recognition will establish national standards for training and competence as well as an opportunity for recipients to obtain portable credentials with international recognition. Our Quality Improvement Committee have engaged local representatives from 12 pediatric hospitals in Canada to define appropriate pediatric anesthesia quality metrics and develop a national outcomes database.

Our social media profile is managed by Dr Clyde Matava (@PedsAnesthesia) with 11, 600 followers. The latest pediatric research and commentary is tweeted here. Dr Gamble produced a newsletter describing the working life of a Family Practice Anesthesiologist in Canada's north.

Our financial position is stable with sufficient funds to support these activities in 2022.

Our goals for 2022 include continued financial support of the African Pediatric Anesthesia Fellowship. We will proceed with the AFC credentialing with the Royal College. We hope to formalize the quality improvement database and encourage pediatric research by launching a new seed grant. New Advisory Board positions for junior faculty and community pediatric

Canadian Anesthesiologists' Society
Annual Report 2021

anesthesiologists are available. Our biennial pediatric anesthesia meeting will be in Vancouver on September 16-18, 2022. We have 3 days of workshops and presentations by local and internationally renowned speakers planned. Vancouver is a beautiful city and a great opportunity to reconnect with colleagues after a prolonged absence. I hope you can join us. Details and registration are available on our website www.pediatricanesthesia.ca.

Yours sincerely,

Katherine Taylor
Pediatric Subsection Chair (CAS) and President of CPAS

PERIOPERATIVE MEDICINE

Dr Tom Mutter, MSc FRCPC – Chair

Section Executive:

- Past chair: Dr. Duminda Wijesundera
- Vice chair: Dr. Angela Jerath
- Secretary/ Treasurer: Dr. Amélie Pelland

Section membership is stable at 130 individuals and finances are healthy. The section continues to support the Best Paper Award in Perioperative Medicine at the CAS Annual Meeting, and has committed some funds to travel costs related to the section event at the 2022 meeting.

At the 2021 virtual meeting, the section offered a well received problem based learning discussion on iron deficiency anemia and a panel featuring international experts on the assessment and management of surgical patients with cerebrovascular disease and cognitive impairment.

At the 2022 CAS meeting in Halifax the section is offering a range of sessions to delegates. Problem based learning discussions will review the management of patients with preoperative elevated troponin, and the management of newer diabetic medications (SGLT2 inhibitors). Panels will discuss the REGAIN trial and spinal versus general anesthesia in hip fracture patients, new perspectives on obstructive sleep apnea phenotypes and OSA in pregnancy, and the implications of the endemic phase of the COVID-19 pandemic, including lessons learned from the first two and a half years. The perioperative section event will showcase innovation in the clinical delivery of perioperative medicine by Canadian anesthesiologists. Six speakers from various parts of Canada will each briefly present on a successful local program ranging from a transitional pain clinic to an anesthesia run perioperative care unit. An extended interactive question period will follow.

Beyond the conference, section member Dr. Jennifer Plester is representing the section and the CAS on a North American guideline related to clinical management of specific RYR1 gene variants associated with Malignant Hyperthermia. CAS member Dr. Sheila Riazi is part of the leadership group for this guideline. The section also continues to partner with section members by providing letters of support on grant applications to the Canadian Institutes of Health Research and other funders of large projects.

Finally, 2022 is a transition year for our executive. The section will be in good hands come July 1, 2022, with Drs. Jerath and Pelland taking on the roles of chair and vice-chair, respectively. The section has nominated Dr. Dan McIsaac as incoming Secretary/ Treasurer. On behalf of our

Canadian Anesthesiologists' Society
Annual Report 2021

section executive, a huge thank you to Dr. Duminda Wijesundera for his commitment to the section and support of the executive over the past 8 years.

REGIONAL AND ACUTE PAIN

Dr Patrick Wong – Chair

Executive Members:

- Section Chair – Dr Patrick Wong (University of Ottawa)
- Past Chair (ex-officio) – Dr Kwesi Kwofie (Dalhousie University)
- Vice Chair – Dr Vishal Uppal (Dalhousie University)
- Secretary – Dr Ushma Shah (Western University)
- Section Engagement Officer – Dr Vivian Ip (University of Alberta)

As you recall, the 2021 CAS Annual Meeting was held virtually due to the COVID pandemic. Unfortunately, that meant we were unable to offer our popular live-scanning regional anesthesia workshops for yet another year. Nevertheless, our Section was well-represented in the program with two excellent lectures on in-vogue topics (motor-sparing hip blocks; use of regional anesthesia in anti-coagulated patients). We also had the “ask the expert” section event, during which our expert panel addressed wide-ranging questions from Section members.

With the return of in-person CAS Annual Meeting in Halifax this year, we are very excited to deliver a variety of live-scanning workshops once again. We have four workshops in total, targeted at different expertise level – from complete ultrasound novice to avid USRA users who wish to learn the latest blocks – so every attendee should be able to find one that is suitable for his or her educational needs. There is also a PBLD session in perioperative management for patients on medication treatment for opioid use disorder. Of course we are also offering multiple didactic lectures on a wide variety of regional anesthesia and acute pain medicine topics.

Our Section Executive Committee members have been busy this year besides organizing the Annual Meetings. In collaboration with the Canadian Journal of Anesthesia editors, we have been developing a continuing professional development (CPD) module that all CAS members can access and receive FRCPC Section 3 credits. The module is currently going through the review process, and we are hopeful that it will go live in 2022.

The CAS Regional & Acute Pain Section is participating as an official partner of an international regional anesthesia research priority study. Lead by Regional anesthesia-United Kingdom (RA-UK), this study is represented by most of the prominent regional anesthesia societies across the world (UK, Europe, Asia & Oceania, Latin America). As the Canadian representative, our Section will distribute the surveys to Section members soon once it has obtained approval by the CAS member survey distribution process.

Looking forward, I will be stepping down as the Section Chair after the conclusion of this year's Annual Meeting. Dr. Vishal Uppal will take over this role, after serving two years as the Vice

Canadian Anesthesiologists' Society
Annual Report 2021

Chair of our Section. Dr. Vivian Ip will be promoted to the Vice Chair position. Both Dr. Uppal and Dr. Ip are highly regarded in the regional anesthesia and acute pain medicine world, holding prominent positions with *CJA* as well as ASRA. I trust that the next Section Executive Committee will no doubt lead our Section into new heights.

It was an honour to serve as your Section Chair for the past two years. I hope we were able to meet your needs and expectation for the Section, despite the limitations imposed on us by the pandemic.

Patrick Wong, MD FRCPC
Section Chair, Regional & Acute Pain Section

RESIDENTS

Drs Safia Nazarali, FRCPC & Michael Szpejda – Co Chairs

Section Executive:

- Dr. Adam Hsieh, Vice-Chair
- Dr. Samuel Jensen, Vice-Chair
- Dr. Melissa Liu, Finance Officer
- Dr. Joel Sardinha, Board Representative
- Dr. Taesuk Song, Communications Officer
- Dr. Shane Leyen, Wellness Officer
- Dr. Rebecca Entz, Resident Engagement Representative
- Dr. Mike Smyth, Sim Olympics Representative
- Dr. Katija Bonin, Sim Olympics Representative

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 Halifax, Calgary, Edmonton, Saskatchewan, and Toronto. 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 hybrid nature of this year's conference, the decision was made not to proceed with simulation olympics at the upcoming CAS conference. Our sim olympics representatives will pass along all of our prepared resources to next year's sim olympics team. This includes resources like sim scenarios and possible sponsors. The groundwork that was established this year will help elevate the success of next year's sim olympics.
- 3) **Social media accounts** – Our Twitter and Gmail accounts are once again up and running. We have been able to access the accounts created by previous chairs over the last few months. 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 \$3000 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 CARF event on June 24. 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) **Merchandise** – To further promote our presence and garner more engagement from our resident body, we plan on providing each resident at the CAS conference this year with CAS scrub caps from our surplus last year.
- 6) **Mentorship program** – One of our ongoing goals is to establish a robust mentorship program across the country that will pair residents with mentors from across the country. Based on the hybrid version of this year's CAS conference, organizing an in-person interaction between mentors and residents posed some challenges. As a result, our wellness representatives have created a survey for both mentors and residents to fill out so that individuals with similar interests can be connected early in the upcoming academic year. We hope that mentors and mentees can meet in-person at next year's CAS annual conference.

Residents Session at CAS 2022:

We have organized a session for residents at this year's conference entitled "Academic Careers in Anesthesia", with panelists Dr. Neil Goldberg, Dr. Karim Ladha, and Dr. Gianni Lorello.

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

OTHER REPORTS

ASSOCIATION OF CANADIAN UNIVERSITY DEPARTMENTS OF ANESTHESIA (ACUDA)

Dr Colin J.L. McCartney, MBChB PhD FRCA FCARCSI FRCPC – President, ACUDA

The ACUDA Executive is currently comprised of the following members:

- President: Dr. Colin McCartney, University of Ottawa
- Vice-President: Dr. Mateen Raazi, University of Saskatchewan
- Secretary-Treasurer: Dr. Michael Bautista, Memorial University of Newfoundland
- Past-President: Dr. Roanne Preston, University of British Columbia

The Annual General Meeting of ACUDA typically occurs in June in advance of the CAS Annual Meeting. Because of the in-person CAS meeting cancellation due to COVID-19, both meetings took place virtually this year. ACUDA held a half-day virtual meeting on June 11, 2021 for planning purposes and to fulfill its obligations as a not-for-profit corporation. Subcommittee meetings were also held virtually so the Annual Meeting day was composed of two parts:

1. ACUDA Management Committee meeting from 1100-1230 ET
2. ACUDA Annual General Meeting from 1300-1500 ET

Dr. Colin McCartney remained in the position of ACUDA President; Dr. Mateen Raazi the position of Vice-President; Dr. Michael Bautista the position of Secretary-Treasurer; and Dr. Roanne Preston the position of Past-President. All positions were ratified at the Annual General Meeting.

Report Headings:

- 1) Incoming and outgoing Chairs**
- 2) ACUDA Plenary June 2021**
- 3) Competency by Design (CBD) for Anesthesiology Resident Training Programs**
- 4) Research**
- 5) Pain Medicine Residency**
- 6) Global Health Subcommittee**
- 7) Anesthesia HR**
- 8) Finances**

The following are a summary of the above headlines:

Incoming and Outgoing Chairs: Dr. John Fuller has replaced Dr. Homer Yang as interim Chair at the University of Western Ontario. In June 2022 Dr. Colin McCartney will step down as ACUDA

president and will be replaced by Dr. Mateen Raazi. Dr. Michael Bautista has decided not to assume the Vice President role and will step down as secretary-treasurer so we will be looking for a new vice president and secretary-treasurer at that time. Dr. McCartney will be moving to Sunnybrook Health Sciences Centre as Chief from September 2022 and will no longer be a Chair. He has offered, if acceptable to ACUDA, to remain as past president to support the executive committee.

ACUDA Plenary 2021: no plenary was held in 2021 due to the COVID pandemic.

Competency by Design (CBD): CBD is now in year 4 for the majority of universities, and overall is working well. The additional costs associated with CBD training is not being consistently or reliably met by faculties of medicine, and the Royal College web-based CBD infrastructure is not reliable. Most universities are having to find/create their own solutions. ACUDA recently supported a letter of complaint to the Royal College to express our concern at funding for the CanNASC (Canadian National Anesthesiology Simulation Curriculum) component of residency training. This was recently defunded by the Royal College and costs were assumed to be picked up by ACUDA and other university departments. We felt this was unacceptable and made this point clear to the Royal College.

Research: Perioperative Anesthesia Clinical Trials Group (PACT) is working hard to change the culture around supporting clinical anesthesia research in Canada. There was a one-day symposium/retreat just prior to the LUCAS meeting on February 1, 2019 to facilitate chairs' attendance. Dr. Scott Beattie has stepped in as the current PACT chair and organizing a refreshed schedule for meetings and research collaboration across Canada.

Pain Medicine Residency: no change since the last report.

Global Health Subcommittee: Dr. Joel Parlow had proposed the creation of an ACUDA subcommittee devoted to global health work in order to provide central data and encourage improved collaborations. This was approved by the Management Committee in 2018 and required voting by the entire ACUDA membership before final approval, which occurred at the June 2020 Annual General Meeting. Each university department has now nominated a member of the subcommittee and an annual subcommittee meeting will now be held.

Anesthesia HR: Many locations in Canada continue to experience a shortage of anesthesiologists, with variable strategies and initiatives being employed to address it across the country. The situation is made worse by Pandemic related fatigue/attrition in the face of ever increasing surgical and procedural demands to deal with the backlog. ACUDA has undertaken multiple surveys on its own and continues to work collaboratively with many organizations (including the CAS, CMA, RCPSC, Provincial Organizations, Governmental Agencies etc.) in facing this challenge. ACUDA's position continues to be that the practice of Anesthesiology is a physician-based specialty in Canada and the Anesthesia Care Team (ACT) model is a vitally important one in providing safe and efficient care to the Canadian population.

Finances: ACUDA is a not-for-profit corporation. Annual fees are gathered from each of the 17 university departments to support the Annual Meeting requirements. ACUDA remains in good financial standing.

Respectfully submitted,
Colin McCartney on behalf of ACUDA

CANADIAN ANESTHESIA RESEARCH FOUNDATION (CARF)

Dr Doreen Yee, FRCPC MBA – Chair

Committee Members/Section Executive:

- Dr. Stuart McCluskey – Vice Chair
- Dr. Ronald George
- Dr. Greg Bryson
- Dr. Hilary Grocott
- Dr. Alex Gregory
- Dr. Pierre Fiset
- Dr. Angela Ridi
- Dr. Stephan Schwartz
- Dr. Lucie Filteau
- Dr. Philip Jones
- Dr. Dolores McKeen
- Mr. Francois Farmer

In 2021, CARF celebrated its 36th year as the CAS Research Award Program's funding partner. In total, six awards were funded including the Career Scientist Award, and a total of \$140,000 was awarded to CAS Research Award winners. The awards along with their corresponding sponsors and winners are below:

- **CAS Research Award in memory of Adrienne Cheng** - \$10,000; sponsored by CARF and awarded to Dr. Russell Brown.
- **Canadian Anesthesiologists' Society Research Award** - \$30,000; sponsored by CAS and awarded to Dr. Manoj Lalu.
- **Dr. R A Gordon Research Award**- \$20,000; sponsored by CARF and awarded to Dr. Sylvain Boet.
- **CAS Residents' Research Grant** - \$10,000; sponsored by the Ontario's Anesthesiologists and awarded to Dr. Alexa Grudzinski.
- **Dr. Earl Wynands Research Award**; \$10,000; sponsored by CARF and awarded to Dr. James Khan.
- **Career Scientist Award** - \$60,000; sponsored by CARF and awarded to Dr. Jessica Spence.

In 2020, CARF received a sizeable donation of over \$200,000 in stocks from Dr. James Beckstead, who served as a Treasurer for the CAS for 5 years. The designation details surrounding this gift were confirmed in 2021 that state the donation will support a new award focused on 'Innovation and Enhanced Recovery'. CARF confirmed in 2021 that there would be a new OB Section Award and an Education and Sim Award valued to be offered in 2022, along with the Career Scientist Award again.

Canadian Anesthesiologists' Society
Annual Report 2021

As the 2021 CAS Annual Meeting was virtual, the CAS launched an on-line fundraising initiative in support of CARF called #CASMOVE. Delegates were challenged to stay active before and during the meeting and were encouraged to post their physical activities on Twitter while donating to CARF or CASIEF. This virtual initiative was launched in lieu of the annual Fun Run for CARF and raised over \$1,000. CARF also hosted a virtual wine tasting event in March 2021 that raised \$1100. Now in its third year, CHANGE 4 CARF continues to receive funds via monthly donors, with just under \$50,000 raised to date.

In Q4 of 2021, the CARF had over \$3M assets compared to \$2.8M in Q4 of 2020. The Fair Market Value of the investment portfolio was \$2,857,194 on December 31st, 2021. Also, the CAS continues to contribute \$20,000 towards the endowment fund each year, which now totals \$280K. The total amount of general donations from various sources were just over \$120K in 2021. The CARF portfolio continues to perform well and over a four-year period is expected to outperform relative performance benchmarks.

CANADIAN ANESTHESIOLOGISTS' SOCIETY INTERNATIONAL EDUCATION FOUNDATION (CASIEF)



CASIEF

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

Dr Joel Parlow, FRCPC – Chair

As the 2021-22 fiscal year comes to a close, there is light at the end of the tunnel for the resumption of regular in-person visits to our CASIEF programs. Over the past year, we have maintained close contact with our partners in Rwanda, Guyana and Ethiopia, and continued to provide many useful educational initiatives with them, including in-person and virtual teaching and mentorship. It has become quite apparent, though, that virtual education will never fully take the place of hands-on exposure, and we will be ramping up our in-person visits.

In the background, we have continued to work to move CASIEF forward to increase exposure as well as the donor pool. Our brand new website will launch before the CAS Annual Meeting, and will be fully populated over the next six months. Our social media campaign continues to attract followers. A process for restructuring the CASIEF Board of Trustees is underway, including more clearly defining the roles of Board members, and the recruitment of non-physician members with unique skill sets. Dr. Julian Barnbrook will be assuming the role of Vice-Chair, and Dr. LP Poulin will be taking over as Treasurer, following our Annual Meeting in Halifax. A separate Advisory Board will be constituted to allow for input to the Board of Trustees from a range of interested and passionate anesthesiologists.

Donations to support CASIEF's work have been steady, albeit from a fairly limited donor pool. We will continue to work to expand donations from within and outside of the Canadian anesthesiology community. With the reduced travel over the past two years, CASIEF's balance sheet is stable, although we need to increase our budget and reserve fund substantially to continue and expand our work.

We look forward to finally having an in-person meeting in Halifax! We invite all CAS members to attend our Symposium on Saturday afternoon, and the CASIEF dinner on Sunday night. We thank the CAS Executive for choosing to host the CAS Board dinner at our Sunday night event.

Following is a summary of the status of the CASIEF Programs:

Rwanda:

Although Rwanda has been hit hard by the COVID-19 pandemic, the country has fared well in comparison with many other African countries, with a proactive government and comparatively high vaccination rate.

Under the helm of Dr. Jon Bailey, our partnership with Rwanda has continued to thrive, although resident numbers, which had steadily grown over the past few years, have decreased during the pandemic. The Program Director is very involved and dedicated, and the standard of education is excellent. However, the number of Rwandan faculty in the teaching hospitals is still limited, and the need to continue hands-on teaching by visiting faculty has been apparent.

In addition to some virtual teaching, CASIEF has supported a visit by a Global Health Fellow from the UK, and currently a Canadian anesthesiologist on an extended visit to teach, and to help develop a blood transfusion course. We have also partnered with Dalhousie to sponsor a recent visit by Rwandan faculty to Halifax to attend a simulation instructors' course.

We are currently engaged in updating our MOU with the Rwandan department and the ASA-GHO, to set the course for the next three years of our partnership. The Rwanda program has been a flagship for CASIEF since 2006, and we intend to continue to assist our colleagues until they have a fully sustainable training program.

A group of CASIEF Board members has been awarded a 3 year IDAC grant from the Royal College to pursue a project to develop a fellowship in Knowledge Translation for junior faculty members in Rwanda. The goal is to provide the tools and know-how to implement new clinical programs in a resource-limited environment.

Guyana:

With the COVID-19 situation much more stable in Guyana, we will be resuming in-person volunteer visits in 2022, under the leadership of Dr. Ashleigh Farrell. We have continued to provide regular remote teaching sessions over the past year in conjunction with our partnership with the ASAGHO, and have been meeting regularly with our partners in Guyana to discuss programming and updating our MOU. We are also excited to be making steady progress on a regional fellowship that has been spearheaded by Dr. Alan Chu, one of our CASIEF volunteers who has been very involved with the Guyana program. We are currently awaiting approval for the fellowship from the University of Guyana. We are also beginning to look ahead to assisting in interviews for the new cohort of first year residents in July. The COVID pandemic has helped us focus on building organization within the curriculum and we look forward to incorporating this as we move back towards in-person academic and clinical teaching.

Ethiopia:

The residency program at Black Lion Hospital in Addis Ababa has continued to grow steadily, with close to 30 new residents this year! There are now over 70 residents at Black Lion. Over the past year, under the leadership of Dr. Julian Barnbrook, we have provided mentorship and

supervision with remote teaching for weekly Case Management Rounds. CASIEF has also sponsored two Global Health Fellows from the UK to travel to Addis for 3 to 6 month placements. These visits have been immensely constructive, as longer trips have enabled more continuity and familiarity with the personnel and the system in Addis. In addition, former fellows are major contributors to the remote teaching program.

Unfortunately, the turbulent political and security situation in Ethiopia resulted in some delay and interruption to our first Global Health Fellow post, as well as having a negative effect on recruitment (an additional challenge on the back of the pandemic).

Specific projects that the Fellows have been involved with include the re-commencement of the VAST Simulation based curriculum for first year residents. This is a weekly SIM-based teaching program that aims to give first year residents the skills, (both technical and non-technical) to navigate their first year in the OR. With the expansion of the residency program, teaching this course in appropriately sized groups is a logistical challenge. The ongoing civil war and associated negative effects on public resources have meant a hiring freeze with no increase in the number of the local staff to match the expanded training workload.

As the political situation stabilizes we are increasing our recruitment efforts with the aim of having two Global Health Fellows on site and a return of short term volunteer faculty as the pandemic travel issues are behind us.

This is the second year of our newest partnership, led by Joel Parlow, in conjunction with Haramaya University in Harar, Ethiopia, Queen's University and the Royal College of Physicians and Surgeons of Canada. A second cohort of 8 residents joined the 4 original residents, with only 4 staff to teach. Virtual teaching has been challenging, although weekly Case Management Rounds, along with the Addis residents, have been excellent. We look forward to beginning regular visits to Haramaya this fall by Canadian faculty and our Global Health fellows.

Burkina Faso:

We have continued contact with our partners in Burkina Faso, under the leadership of Dr Gregory Klar. In-person visits were curtailed several years ago due to the unstable security situation involving foreigners, but virtual teaching and limited in-person courses have occurred. We hope to continue to provide assistance to this program during and after the COVID-19 pandemic.

Remote and Rural Canada:

It is clear that access to surgical care is not equitable across our own country, and that outcomes for indigenous Canadians are less favourable. The Board is discussing potential ways that CASIEF can assist in continuing education for practitioners in remote areas of Canada, and facilitate exposure of anesthesiology residents to rural practice. This is new territory for CASIEF, and will be addressed in conjunction with university departments via ACUDA, where a new Global Health Committee has been struck.

CAS Board of Directors, Office Staff, Standing Committees, Section Executive Members, as of December 31, 2021

Executive Committee

President: Dr Dolores McKeen, Halifax, NS
Vice-President: Dr Lucie Filteau, Ottawa, ON
Secretary: Dr Andrew Nice, Saint John, NB
Treasurer: Dr Hilary Grocott, Winnipeg, MB
Past President: Dr Daniel Bainbridge, London, ON
Executive Director: Debra Thomson, Toronto, ON

Divisional Representatives

Newfoundland & Labrador: Dr Angela Ridi, St. John's, NL
Prince Edward Island: Dr Joseph Desreux, Charlottetown, PE
Nova Scotia: Dr Dennis Drapeau, Halifax, NS
New Brunswick: Dr Timothy Maxwell, Fredericton, NB
Quebec: Dr Giuseppe Fuda, St-Laurent, QC
Ontario: Dr Rohit Kumar, Toronto, ON
Manitoba: Dr Jennifer Plester, Winnipeg, MB
Saskatchewan: Dr Mateen Raazi (Interim), Saskatoon, SK
Alberta: Dr Saifee Rashid, Edmonton, AB
British Columbia: Dr Annika Vrana, Vancouver, BC

Ex-officio Member

ACUDA President: Dr Colin McCartney, Vancouver, BC

Resident Representative

Dr Maria Salman, Toronto, ON

Invited Guests

CARF Chair: Dr Doreen Yee, Toronto, ON
CASIEF Chair: Dr Dylan Bould, Ottawa, ON
CJA Editor-in-Chief: Dr Stephan Schwarz, Vancouver, BC
RCPSC Representative: Dr Michael Cummings, Kingston, ON

National Office Team

The national office staff list is as follows and can also be found online here:

<https://www.cas.ca/en/about-cas/national-office/who-we-are>

Debra Thomson – Executive Director

Kamilla Molnar – Director, Finance, Human Resources & IT
Ashley Smith - Director, Communications, Membership, Education and Events
Cristina Mita – Manager, Education and Policy
Erin Vanderstelt – Manager, Membership Engagement & Growth
Athisaya Satgururajah – Executive Office Coordinator
Mack Chabelski – Communications and Engagement Coordinator
Angela Chen - Membership and Database Coordinator
Ana Kanwal - Administrative & Finance Assistant
Carolyn Gillis - *CJA* Editorial Assistant (Montreal)

STANDING COMMITTEES

Annual Meeting

Chair: Dr Adriaan Van Rensburg, Toronto, ON

Scientific Affairs (Annual Meeting Sub-Committee)

Chair: Dr Tim Turkstra, London, ON

Archives and Artifacts

Chair: Dr Michael Wong, Halifax, NS

CAIRS (Canadian Anesthesia Internet Reporting System Committee)

Chair: Dr Kathryn Sparrow, St. John's, NL

CAS Choosing Wisely Canada

Chair: Dr Kyle Kirkham, Toronto, ON

COACT (Committee on Anesthesia Care Team)

Chair: Dr Marcus Salvatori, Toronto, ON

Continuing Education and Professional Development

Chair: *VACANT*

CPD Modules Sub-Committee (CEPD Sub-Committee)

Chair: Dr Adriaan Van Rensburg, Toronto, ON

Diversity, Equity and Inclusion Working Group

Chair: Dr Gianni Lorello, Toronto, ON

Ethics

Chair: *VACANT*

Finance

Chair: Dr Hilary Grocott, Winnipeg, MB

Medical Economics/Physician Resources

Co-Chair: Dr Jean-François Courval, Dorval, QC

Co-Chair: Dr Eric Goldszmidt, Toronto, ON

Nominations

Chair: Dr Daniel Bainbridge, London, ON

Physician Wellness

Chair: Dr Saroo Sharda, Oakville, ON

Quality and Patient Safety

Chair: Dr Conor Mc Donnell, Toronto, ON

Research Advisory

Chair: Dr Gregory Bryson, Ottawa, ON

Grant Standing Sub-Committee (Research Advisory Sub-Committee)

Chair: Dr Gregory Bryson, Ottawa, ON

Standards

Chair: Dr Gregory Dobson, Halifax, NS

SECTION EXECUTIVE MEMBERS

Ambulatory

Chair: Dr Mahesh Nagappa

Anesthesia Assistants

Chair: Dr Jared Campbell

Cardiovascular and Thoracic (CVT)

Chair: Dr Summer Syed

Chronic Pain

Chair: Dr David Flamer

Critical Care Medicine

Chair: Dr Faissal Siddiqui

Education and Simulation in Anesthesia (SESA)

Chair: Dr Fahad Alam

Hospital Chiefs of Anesthesia

Co-Chair: Dr Susan O'Leary

Co-Chair: Dr Pascal Labrecque

Co-Chair: Dr Colin McCartney

Neuroanesthesia

Chair: Dr Jason Chui

Obstetric

Chair: Dr Valerie Zaphiratos

Pediatric

Chair: Dr Katherine Taylor

Peri-operative Medicine

Chair: Dr Thomas Mutter

Regional and Acute Pain

Chair: Dr Patrick Wong

Residents

Co-Chair: Safia Nazarali

Co-Chair:: Michael Szpejda

Section for Environmental Sustainability

Chair: Dr Rakesh Sondekoppam

2021 Financial Statements

[Click here for the 2021 Financial Statements. \(PDF 175 kb\)](#)

For access to the full version of the audited financial statements, please visit the Members Only area of the CAS website: www.cas.ca