

# hpo

# IN REVIEW

HOSPITAL PHARMACY IN ONTARIO

WINTER ISSUE 2023

Canadian Society of  
Hospital Pharmacists



Société canadienne des  
pharmaciens d'hôpitaux

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David Liu

# [ INCOMING PRESIDENTS ADDRESS ]

It is an honour to take on the role of President of the Ontario Branch this year. I would like to thank the entire council and presidential officers for all their contributions to the branch and the profession.

Over the past 2-3 years, the health system has experienced and continues to experience tremendous pressure and challenges. The value, dedication, and resilience of hospital pharmacists and pharmacy technicians are evident through the work that we do, ranging from individual patients to the population health level.

During this difficult time, CSHP, both National and Ontario Branch, shared best practices, as well as advocated on various forums for the profession on important topics such as drug shortages and pharmacy health human resources. In

addition, CSHP creates a community where everyone is connected and supported.

I would hope to continue and contribute to the important work that the branch has been doing and share the perspectives of small and medium sized hospitals.

Thank you for the opportunity to serve as President. I look forward to working with all of you.

Thank you,

**David Liu**  
**President | Ontario Branch**  
Canadian Society of Hospital Pharmacists | Société canadienne des pharmaciens d'hôpitaux  
[obpresident@cshp.ca](mailto:obpresident@cshp.ca)  
[www.cshp-scp.h.ca/ontario](http://www.cshp-scp.h.ca/ontario)  
[Facebook](#)  
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Rita Dhami

## [ OUTGOING PRESIDENTIAL ADDRESS ]

It's hard to believe that a year has passed since I have taken on the role of President.

As I reflected on the year, I was really awed at the incredible work that our Branch has accomplished this past year. From Advocacy to Member Engagement to Council Transformation, we have made some significant strides. At our last Council meeting, we debated about what the future of our Branch would look like and I'm excited to see us explore new ways to drive member value and engagement!

I would like to thank all outgoing Council members for your contributions and dedication, with special notes to our Executive Team. Specifically, I want to acknowledge a few people who were key to my success over the presidential year.

Thank you to Olivia Ng, our outgoing Past President, for your strong commitment to supporting the Branch operations while trying to complete your own Masters degree and be the president and care for a newborn at the same time. I don't know how you did it but I'm so honoured to have you as a colleague and a mentor over these last couple of years.

Thank you to Vivian Lee, our outgoing Senior National Delegate, who is now rounding out a decade of Council Service in various roles. Vivian – your contributions to the Branch have been outstanding. Your passion for the profession shines and I look forward to seeing what's next for you!

Thank you Gunther Ha, our Treasurer – Your attention to detail never falters and I'm so appreciative

of your extra efforts to keep our operations and finances in check.

Thank you Andrea Wist & Andrea Beaman, incoming President elect and National Delegate – I'm grateful for your commitment to onboarding to Executive and your openness to understand where we are, where we've been and where we have to go.

Last but not least, thank you David Liu, our new OB-President! I'm super excited to handover to you. I've become fond of our Friday afternoon "crisis calls" as we've strategized over navigating some of the challenging situations over the last year...

Obviously, none of our work could be accomplished without Anne Stacey keeping us organized and on task along the way. Thank you so much Anne!

It has been a privilege serving as President for CSHP-OB. I appreciate everything you are all doing for our patients, for each other, and for society. I hope to continue to work alongside you to achieve meaningful, sustainable change in our health systems.

Respectfully submitted,

**Rita Dhami  
President,  
CSHP-OB**



# [CSHP ONTARIO BRANCH 2022 AWARD WINNERS]

Canadian Society of  
Hospital Pharmacists



Société canadienne des  
pharmaciens d'hôpitaux



## 74<sup>th</sup> CSHP ONTARIO BRANCH AWARDS CEREMONY 2022



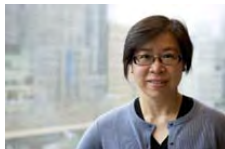
# [CSHP ONTARIO BRANCH 2022 AWARD WINNERS]

## E. AMY ECK AWARD

Hospital/Outpatient Pharmacy-Based Project



**Certina Ho**, RPh BScPhm MSt MEd, PhD  
Institute for Safe Medication Practices Canada (ISMP Canada)  
Project Team: **Eulaine Ma, Wei Wei**



*Project Title: Using Virtual Interactive Case System for Patient/Medication Safety Training*

**STERIMAX** INC.

csph scph

## INNOVATIVE INFORMATION TECHNOLOGY AWARD



**Jessica Tsang**, BScPhm & **Karen C. McFarlane**, BScPhm

Oak Valley Health



*Implementation of Neonatal & Paediatric Medication Calculators*

**APOTEX**  
Innovating for patient affordability

csph scph

## ONTARIO BRANCH LITERARY AWARD

Original Research



**Maria Marchese**, PharmD ACPR, MScPhm  
Sunnybrook Odette Cancer Centre



*Description and Disposition of Patients With Cancer Accessing a Novel, Pharmacist-Led Cannabis Consultation Service*

**STERIMAX** INC.

csph scph

## ONTARIO BRANCH LITERARY AWARD

Therapeutic Review or Case Report



**Tessa Senneker**, PharmD, ACPR, RPh

*An update on neuropsychiatric adverse effects with second-generation integrase inhibitors and nonnucleoside reverse transcriptase inhibitors*

**STERIMAX** INC.

csph scph

# [ CSHP ONTARIO BRANCH 2022 AWARD WINNERS ]

## WILLIAM McLEAN CLINICAL PHARMACIST AWARD



**Chris Fan-Lun**, BScPhm, ACPR, BCGP  
Sunnybrook Health Sciences Centre



*Recognizing a CSHP Member who has demonstrated outstanding skills in clinical practice and education.*



## DAN DASKO PHARMACY ADMINISTRATOR AWARD



**Anjana Sengar**, BScPhm, PharmD, ACPR  
Trillium Health Partners



*Recognizing outstanding hospital pharmacy administrators.*



## ARTEMIS DIAMANTOUROS MENTORSHIP AWARD

**Vince Teo**, BScPhm, PharmD, BCPS  
Sunnybrook Health Sciences Centre



*For significant contributions to the profession of pharmacy through teaching or mentorship.*



## SCOTT WALKER RESEARCH GRANT



**Certina Ho**, RPh BScPhm MSt MEd, PhD  
Institute for Safe Medication Practices Canada (ISMP Canada)



*Needs Assessment of Pharmacists in Recommending Mobile Health Applications to Support Patients with Chronic Medical Conditions*

# [ CSHP ONTARIO BRANCH 2022 AWARD WINNERS ]

## NEW HOSPITAL PHARMACY PRACTITIONER AWARD



**Clarence Lam**, PharmD, RPh, ACPR  
Mount Sinai Hospital



*Recognizing a newly practicing pharmacist who has made an exceptional contribution to hospital pharmacy through patient care innovation, education, publications, or participation in CSHP activities.*



## HOSPITAL PHARMACY PRACTICE RESIDENCY AWARD



**Aaron Zhang**, BSc, PharmD, ACPR  
University Health Network  
*Characterization of Ganciclovir Dosing for the Management of Cytomegalovirus in Solid Organ Transplant Recipients Receiving Sustained Low Efficiency Dialysis*  
Project team: Jennifer Harrison, Paula Brown, Marisa Battistella



**Spencer Candy**, RPh, BSc (Pharm), ACPR  
Kingston Health Sciences Center  
*Description and Evaluation of Impact of Hospital Pharmacist Written Interventions via Medication-Related Orders*

## PAUL HALLIGAN MEMORIAL PHARMACY RESIDENCY AWARD



**Spencer Candy**, RPh, BSc (Pharm), ACPR  
Kingston Health Sciences Center



*Reflects the dedication, discipline, determination, and enthusiasm that Mr. Halligan brought to our profession and all that he was involved with.*



## CHARLIE BAYLIFF RESIDENCY PRECEPTOR OF THE YEAR AWARD



**Ramola Bhojwani**, PharmD, RPh  
Trillium Health Partners



*Exemplifies the combined skills of a teacher, a mentor, recognized leader and practitioner.*



# [CSHP ONTARIO BRANCH 2022 AWARD WINNERS]

## OPRA POSTER AWARD



**Spencer Candy**, RPh, BSc (Pharm), ACPR  
Kingston Health Sciences Center



*Description and Evaluation of Impact of Hospital Pharmacist  
Written Interventions via Medication-Related Orders*



## ONTARIO BRANCH STUDENT AWARD



**Qiu Hua (Autumn) Chen**, PharmD Student  
University of Toronto



## ONTARIO BRANCH STUDENT AWARD



**Michaela Comrie**, PharmD Student  
University of Waterloo



SCHOOL OF PHARMACY



## JIM MANN PAST PRESIDENT'S AWARD



**Rita Dhami**  
London Health Sciences Centre



*A commemorative plaque is presented to the President of the Ontario Branch, CSHP upon completion of the term of office.*





**THANK YOU TO OUR  
CSHP ONTARIO BRANCH 2022 AWARD SPONSORS**

**APOTEX**

Innovating for  
patient affordability

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KABI**  
caring for life



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Solutions

Canadian Society of  
Hospital Pharmacists 

**ON**  
BRANCH

THE UNIVERSITY CLUB OF TORONTO  
SATURDAY, NOVEMBER 19, 2022

# TOP 5

## [ NATIONAL DELEGATES' REPORT ]

DECEMBER 2022



Andrea Beaman

National Delegate  
(2022-2025)



Vivian Lee

National Delegate  
(outgoing)

The core efforts of CSHP National are focused around Advocacy, Professional development and Sustainability (through member engagement, as well as financial sustainability). We are pleased to report on a number of important activities that CSHP has undertaken in the past year, including new programs and publications, and participation in strategic partnerships as a voice for Pharmacists and Pharmacy Technicians in hospital and collaborative care practices. CSHP looks forward to more exciting developments in 2023, including a return to in-person conferencing with the hybrid [Together 2023](#) – “Live from Banff, Attend Anywhere” happening between March 10-12, 2023.



Please read further for a summary of the top 5 updates from CSHP National:

### 1) Strategy towards sustainability

#### Membership

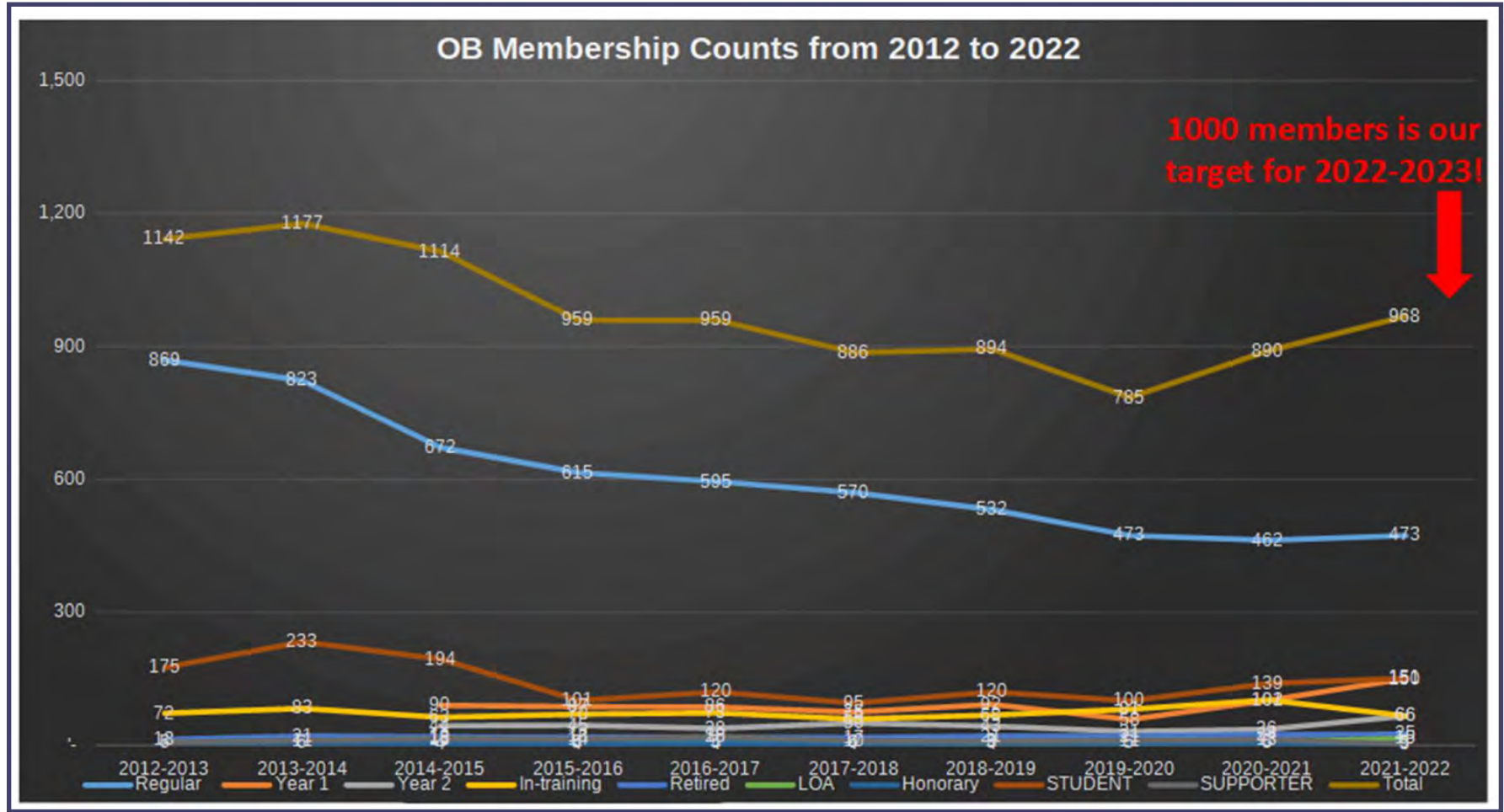
CSHP saw another successful membership campaign in 2021-22,

exceeding its membership target by 2.3% across Canada and by 4% in Ontario. As of October 31, 2022, CSHP has 3,444 members, which is already on pace to exceed last year’s membership totals, and 88% of the way towards the 2022-23 growth target of 3,925 members. Ontario Branch has 831 members as of October 31,

2022, which is 83% of the way towards the goal of 1,000. We know we can do it! CSHP Ontario Branch has been successful at growing its membership through demonstrating value at both the National and Branch levels through high quality and desired educational opportunities, introduction of new programs such as the new OB Mentorship Program, and professional advocacy. 2021 welcomed Pharmacy technicians as a new full membership category; Ontario Branch anticipates that the Pharmacy Technician membership numbers in Ontario will grow steadily in the years to come.

# TOP 5

## [ NATIONAL DELEGATES' REPORT... continued ]





# [ NATIONAL DELEGATES' REPORT... continued ]

### Engagement

Member engagement through National social media channels was increased throughout the year between Sept 2021-Sept 2022 compared to the same time period the previous year. Continue to follow us on Twitter (@CSHP\_SCPH), Instagram (@cshp\_scph\_national), Facebook, and LinkedIn to stay up to date on news and events.

Although the number of members accessing the cshp.ca website and CJHP journal website has decreased, there has been a continued increase in activity on the PSN network (qid.io)

	Oct. 2020 - Sept. 2021	Oct. 2021 - Sept. 2022
<b>Social media followers</b>	9,848	10,802
<b>CSHP.ca users</b>	179,500	133,282
<b>Journal website users</b>	58,858	48,748
<b>PSNs unique members</b>	1,904	2,077

ENGAGEMENT - SOCIAL MEDIA			
	Sep 2020 - Aug 2021	Sep 2021 - Aug 2022	Gain/Loss
<b>Followers</b>	9,742	10,704	10%
<b>Posts/Tweets #</b>	399	634	37%
<b>Shares/Retweets</b>	998	1,143	15%
<b>Likes</b>	4,782	6,731	41%
<b>Comments</b>	259	790	205%

The most active PSNs, as of Sept 2022, are:

- COVID-19
- Compounding
- Drug Information
- Medication Safety
- Parenteral Services



# [ NATIONAL DELEGATES' REPORT... continued ]

## **Financial sustainability**

CSHP is anticipating a balanced budget in 2024 after 4 years of planned deficits and a strategy to reinvest in core member benefits. Fiscal stability is supported by growing membership revenue, and CSHP will be launching a revamped [Hospital & Not-For-Profit Supporter](#) program re-designed to better attract and retain hospitals, regional health authorities, and not-for-profit non-pharmacy organizations that support the objectives of the Society. Other revenue generating programs include the Together conference, the Pharmacy Residency Application Roadmap program and the NEW Hospital Pharmacy 101 course (more on this program below). Although in-person activities are slowly starting to increase, CSHP is still experiencing decreased delivery costs

due to the pandemic and continues to benefit from government subsidies for COVID-19.

## **2) Advocacy**

CSHP continues to participate in regular meetings with Health Canada, Tier Assignment Committee, and the Multi-Stakeholder Steering Committee on Drug Shortages (MSSC), and have been highlighting hospital needs when mitigating shortages including operational challenges that must be overcome when international medication supplies are made available.

The team has also represented the voice of hospital and collaborative care pharmacists in Canada in the following advocacy activities:

- Health Canada [Biosimilars Handbook](#) Working Group
- CSHP-Canadian Pharmacists Association (CPhA) joint [Canadian Pharmacy Heart Failure Symposium](#)
- [Podcast](#) on Pharmacy Residency training in Canada, with the U.S. Board of Pharmacy Specialties (BPS) and Canadian Pharmacy Residency Board (CPRB) chair

The CSHP National Board and Committees are exploring opportunities for partnerships or collaboration with two new groups that were both launched in 2022.

- [Indigenous Pharmacy Professionals of Canada \(IPPC\)](#) – led by Jaris Swidrovich (Founder and Chair), Amy Lamb (CEO), and Dr. Gezina Baehr (COO)
- [Canadian Association of Pharmacy for the Environment \(CAPHÉ\)](#) – led by co-chairs Shellyza Sajwani and Caitlin Roy



# TOP 5

## [ NATIONAL DELEGATES' REPORT... continued ]

### 3) Professional Practice

#### *Education & Development Committee (EDC)*

In Fall 2022, the EDC successfully launched the [Hospital Pharmacy 101](#) program. The goals of this program are to teach high level concepts in key areas of hospital practice to boost skills for new entrants to the profession or those new to hospital practice. Eight modules cover important clinical, operational and administrative aspects of hospital pharmacy practice. Participants can register for 1-8 modules and will receive continuing education credits upon completion of each module (up to 12.5 CEU if the full 8 modules are completed).



CSHP  
**Hospital Pharmacy 101**

**What is Hospital Pharmacy 101?**

**Bridge the gap.** This program equips you for everyday patient care. Designed for use across Canada, Hospital Pharmacy 101 will boost your hospital pharmacy skills through practical instruction.

The [Pharmacy Residency Application Roadmap](#) consisting of 5 self-paced online modules, CV and Letter of Intent Review and Mock Interview sessions, was offered again in 2022. The program saw a 26% growth in registration and feedback from registrants was positive.

CSHP National partnered with the Association des pharmaciens des établissements de santé du Québec (A.P.E.S.) in hosting a joint conference held October 28-29, 2022 on Pandemic Takeaways for Hospital Pharmacy. Conference highlights included key results of the [2020/2021 Hospital Pharmacy in Canada Survey](#), understanding

medication management during the pandemic, appreciating Canada's pandemic response, and learning from an International panel discussion (UK and European Association of Hospital Pharmacy).

# TOP 5

## [ NATIONAL DELEGATES' REPORT... continued ]

**Professional Practice Vision Committee (PPV)**  
Developed by CSHP's Professional Practice Vision Committee under the leadership of Co-Chairs Arden Barry and Jennifer Shiu, the [Discharge Medication Management Toolkit](#) is a newly



developed guidance document that describes how discharge related bundled activities can improve patient outcomes. It uses national consensus [Clinical Pharmacy Key Performance Indicators \(cpKPIs\)](#) developed by the Canadian cpKPI Collaborative to: 1) identify and prioritize patients who would benefit from targeted interventions at discharge, 2) describe the evidence-based bundle of discharge activities, and 3) discuss strategies for development of a business case that would aid in advocating for necessary resources with senior hospital management, while highlighting a patient case example throughout.

### 4) National membership survey

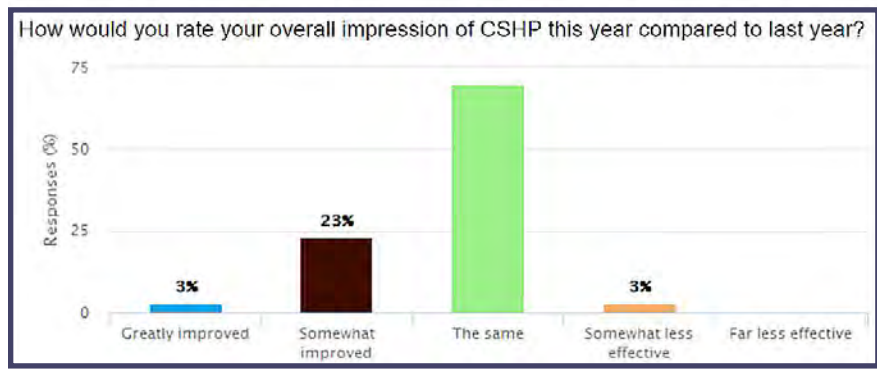
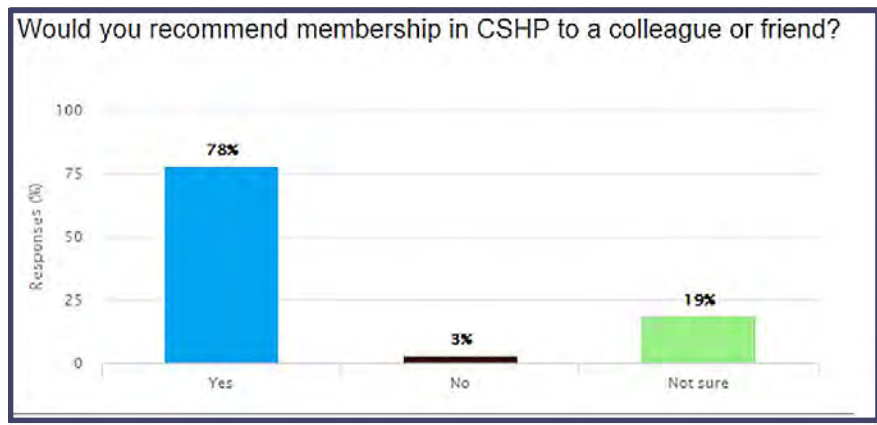
Thanks to everyone who participated in the 2022 National Membership Survey – CSHP exceeded its goal of 1000 responses! The Survey is a key opportunity for CSHP to hear valuable feedback from members on various areas including education,

practice, and advocacy. Twenty-six percent of the respondents were from Ontario. The data will inform the Ontario Branch on member priorities and areas of interest. CSHP will be unpacking the data over the next few months and identifying important trends and opportunities. Some highlights from responses:



# TOP 5

## [ NATIONAL DELEGATES' REPORT... continued ]



Members who would be interested in participating in CSHP consultations on equity issues: 29%

Top 3 responses for Appropriate roles for CSHP

- Being the voice of hospital pharmacy in Canada (89% essential)
- Continuing education (76% essential)
- Advising governments on legislation and public policy (67% essential)

Top 3 Advocacy issues that CSHP should address

- Scope of Practice for Pharmacists
- Drug Shortages
- Staffing ratios in hospital pharmacy

Top 5 areas of clinical interest

- Infectious diseases
- General internal medicine
- Cardiology
- Critical Care
- Mental Health and Addiction

Top 3 general topics of interest:

- Deprescribing
- Leadership
- Research



# TOP 5

## [ NATIONAL DELEGATES' REPORT... continued ]

### The 2022-2023 Board

### Executive Committee



**Sean Spina**  
President



**Zack Dumont**  
Past President



**Ashley Walus**  
President Elect



**Megan Riordon**  
Treasurer



**Jody Ciuffo**  
Chief Executive Officer

#### 5) 2022-23 Executive

The 2022-2023 Executive was welcomed at the October 2022 National AGM.

Please reach out to Andrea ([andrea.beaman@thp.ca](mailto:andrea.beaman@thp.ca)) with any questions or feedback about CSHP National activities.

Respectfully submitted,  
**Vivian Lee,**  
National Delegate (outgoing)  
**Andrea Beaman,**  
National Delegate (2022-2025)

# [CSHP OB 2023 COUNCIL MEMBERS]

MEET THE CSHP OB 2023 COUNCIL, CHAPTER CHAIRS, COMMITTEE CO-CHAIRS AND LIAISONS

## CSHP OB COUNCIL AND CHAPTER CHAIRS



David Liu  
President



Andrea Wist  
President Elect



Rita Dharmi  
Past President



Gunther Ha  
Treasurer



Andrea Beaman  
National Delegate



Nishi Gupta  
Chapter Co-Chair:  
North Chapter



Stella Chan  
Chapter Co-Chair:  
East Chapter



Nisha Varughese  
Chapter Co-Chair:  
East Chapter



Grace Tang  
Chapter Co-Chair:  
Central Chapter



Julia Liu  
Chapter Co-Chair:  
Central Chapter



Clarence Lam  
Chapter Co-Chair:  
Metro Toronto



Sama El Refaei  
Chapter Co-Chair:  
Metro Toronto



Alicia Niven  
Chapter Co-Chair:  
Western



Victoria Wong  
Chapter Co-Chair:  
Western



Chris Chiu  
Primary Care Co-Chair



Joey Champigny  
Primary Care Co-Chair

Recruiting  
Chapter Co-Chairs:  
North Chapter

# CSHP OB 2023 COUNCIL MEMBERS

MEET THE CSHP OB 2023 COUNCIL, CHAPTER CHAIRS, COMMITTEE CO-CHAIRS AND LIAISONS

## COMMITTEE/ TASK FORCE CHAIRS



Mira Maximos  
Communications



Victor Lam  
Communications



Ariane Blanc  
Education Committee  
Co-Chair



Onella Pereira  
Education Committee  
Co-Chair



Maria Marchese  
Membership Committee  
Co-Chair



Pauline Bal  
Membership Committee  
Co-Chair



Melika Bozorgi  
Awards Committee  
Co-Chair



Amir Imani  
Awards Committee  
Co-Chair



Sunil Patel  
OHPMS Committee  
Co-Chair

Recruiting  
OHPMS Committee  
Co-Chair

---

Recruiting  
Sponsorship Committee  
Co-Chair

## LIAISONS



Cindy Wang  
Student Liaison –  
University of Toronto



Kristy Wong  
Student Liaison –  
University of Waterloo



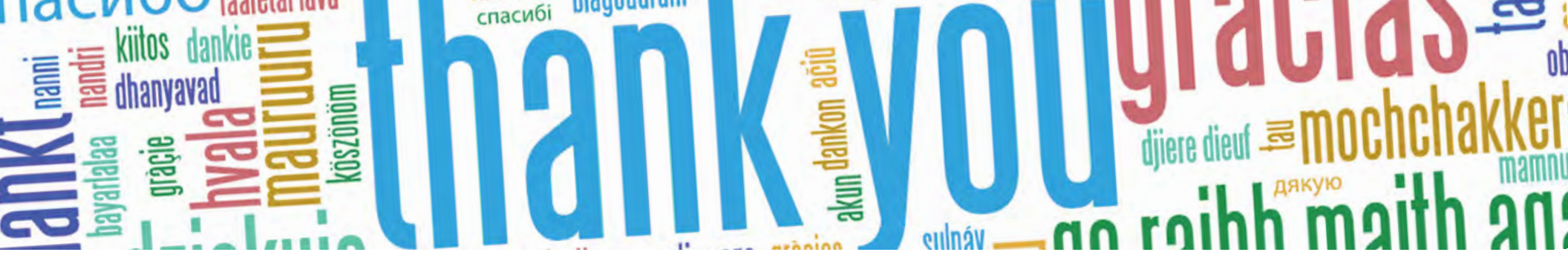
Loretta Lu  
OPRA



Allan Mills  
Faculty Liaison –  
University of Toronto



Brett Barrett  
Faculty Liaison –  
University of Waterloo



# ONTARIO BRANCH COUNCIL OUTGOING COUNCIL MEMBERS



Past President  
National Delegate  
Communications Committee  
Co-chair

Rita Dhama  
Vivian Lee  
  
Andrea Beaman

Chapter Chair – Northern Chapter  
Chapter Chair – East Chapter  
Chapter Chair – Central Chapter  
Chapter Chair – Southwest Chapter  
Chapter Chair – Southwest Chapter  
Co-Chair – Education Committee  
Student Liaison – U of W  
OPRA Liaison

Adrienne Shippam  
Nisha Varughese  
Karen Cameron  
Marisa Ramandt  
Andrea Wist  
Cheyenne Matinnia  
Pruntha Kanagasundaram  
Laurel Liang



# EDUCATION SESSION SUMMARIES



Cheyenne Matinnia



Ariane Blanc

On November 19th, 2022, we held our 74th Annual CSHP Ontario Education Conference. We are proud to share that the event was held in-person this year, the first time since before the pandemic. It was a great success! The day started early at 8 a.m. for the registration and concluded at 5:15 p.m.. The talks encompassed hospital practice, primary care, and leadership practices

We are grateful to all our speakers for sharing their time and expertise, and for providing valuable education to the attendees.

The education sessions this year included:

- Seize the Moment: Management of Status Epilepticus for Adults and Children (Sharon Yamashita and Laura Wang)
- Early Complications Allogenic Stem Cell Transplantation (Rami El-Sharkawy)
- Simmering the Stew: Ingredients for Building and Maintaining an Antimicrobial Stewardship Program (Jennifer Lo and Marion Elligsen)
- Optimization of Pharmacotherapy Management: Deprescribing in CKD (Marisa Battistella)
- Panel Discussion: Taking the Leap into Leadership: from Frontline to Management (Erika MacDonald, Samantha Yau, Anthony Amadio, Claudia Summa-Sorgini, moderator Randilynne Urslak)
- Exciting updates:
  - Pharmacogenomics Services as an Opportunity for Precision Medicine in

- Clinical Practice (Iris Cohn)
- Highly Effective Modulator Therapy in Cystic Fibrosis (Kevin Curley)

- Peripheral Arterial Disease: 10 Quick Pharmacotherapy Tips (Marie-France Gauthier)





# EDUCATION SESSION SUMMARIES... continued

- Workshops:
  - Therapeutic Drug Monitoring Workshop (Erin Chung)
  - Drug-Induced Acute Kidney Injury (Keith Miller)
  - Ontario Minor Ailments Program (Kelly Grindrod, Nardine Nakhla)

We would also like to thank our sponsors this year. It is only with their support that the conference is made possible each year:

- Paladin Labs (Gold Sponsor)
- Seaford Pharmaceuticals Inc (Gold Sponsor)
- Teva (Exhibit partner)
- Sterinova (Exhibit and Lunch Partner)
- Pfizer (Networking breakfast partner)

- Sandoz (Energy Networking Break Partner)
- Sanofi (Energy Networking Break Partner)
- Fresenius Kabi (Conference supporter)
- Apotex inc (Conference supporter)

Our deepest appreciation and kudos to the Education Committee members that volunteered their time throughout the year and made the Conference a fantastic event:

- Élise De Francesco
- Rana Khafagy
- Sammu Dhaliwali
- Christopher Chiu
- Matthew Bui
- Joey Champigny
- Celine Huab
- Randilynne Urslak

- Annie Cho
- Ivana Tang
- Danielle Porter
- Sandrine Bourgeois-Tardif

Thank you also to our student volunteers that provided extra help on the day of the conference:

- Al-Amin Ahamed
- Huy Pham
- Ayman Lakhani
- Hamza Farah

And last but not least, thank you to the CSHP OB Executive Committee for their guidance and Anne Stacey for her administrative support.

Sincerely,  
**Cheyenne Matinnia and Ariane Blanc**  
Education Committee Co-Chairs



# THANK YOU TO OUR CSHP ONTARIO BRANCH 2022 EDUCATION SESSION SPONSORS



Canadian Society of  
Hospital Pharmacists



ANNUAL CONFERENCE EDUCATION SESSIONS  
LESLIE DAN FACULTY OF PHARMACY  
SATURDAY, NOVEMBER 19, 2022

# [EDUCATION SESSION SUMMARIES... feedback]

## CSHP Ontario Branch Annual Conference 2023 Online Survey

**We would love to have your feedback for our next CSHP Ontario Branch Annual Conference planned for November 2023 as an in-person venue!**

Please take 2 minutes to complete this online survey and share your ideas for the venue place and subjects you would like to see.

You can access this short survey through this Weblink:

<https://forms.office.com/r/NirrFxCWDX>

or by scanning the QR code to your right:

**The survey will close on February 28th, 2023.**

**We are also looking for volunteers to join our CSHP OB Education Committee, all CSHP members are welcome but places are limited, so share your interest quickly by sending us an email at [cshp.ob.education@gmail.com](mailto:cshp.ob.education@gmail.com)!**

**We look forward to seeing you at our Annual Conference!"**





# JOURNAL CLUB



Vivian Lee

## JOURNAL CLUB 2022: THANK YOU FOR ANOTHER AMAZING YEAR

CSHP Ontario Branch Journal Club has had another year of great success. Many thanks to all presenters for your knowledge, passion, and dedication to effective, safe, and evidence-based patient care, and to all participants for your insightful and engaging discussions. Our sessions were attended by up to 100 participants each month including CSHP members and non-members both within and outside of Ontario. Unique topics presented in 2022 included rapidly evolving COVID-19 treatments, novel therapies in geriatric medicine, gravimetric vs. volumetric sterile compounding, antimicrobial prophylaxis in orthopedic surgery, potassium binder use in nephrology, a critical appraisal tutorial on non-inferiority trials, and the ever-expanding portfolio of indications of GLP-1

receptor agonists and SGLT2 inhibitors. I would like to thank my amazing partner of 5 wonderful years, Maria Marchese, for making our journal club vision a reality.

Pharmacists and pharmacy technicians, what would you like to learn about in 2023? We look forward to hearing from you. Contact us at [cshp.ob.journalclub@gmail.com](mailto:cshp.ob.journalclub@gmail.com) with any questions, feedback or topic/speaker suggestions, or if you'd like to join our planning team. Past topics since journal club inception can be found at the [CSHP Ontario Branch website](#), and journal club recordings and slides can be accessed at the [CSHP national webinars site](#).

Best regards,

**Vivian Lee**

Founder and Facilitator of the CSHP Ontario Branch Journal Club

## JOURNAL CLUB 2022: Ontario Branch sessions

February

**Remdesivir in the outpatient setting for COVID-19 | Where does this PINETREE fit in the forest of therapeutics?**



**Mira Maximos**, PharmD, MSc, BScPhm, BHSc

*"The CSHP OB Journal Clubs have been an absolutely brilliant way to shine a light on pharmacists as clinicians, researchers, patient-advocates, collaborators, and therapeutic experts. It was an honour to participate in this year's series as a presenter and learner."*

April

**Pimavanserin for dementia-related psychosis: Too good to be true?**



**Karen Cameron**, BScPhm, ACPR

*"The journal clubs are an excellent way to keep up to date on relevant topics. It was a pleasure to participate."*



**Sandra Zaikos**, RPh, BScPhm, CRE, BCGP

*"I learned so much while preparing for this talk. Thanks for the opportunity to highlight geriatric pharmacy practice!"*

# JOURNAL CLUB

## [ JOURNAL CLUB 2022: ONTARIO BRANCH SESSIONS... continued ]

May

**Is the “syringe pull-back” method pulling us away from compounding best practices? An illuminating study of chemotherapy compounding at five U.S. hospitals**

**Vivian Lee**, BScPhm

*“I was thrilled to have my journal club and compounding worlds intersect for the first time. I’m grateful to have met compounding experts across the country as a result of this experience.”*



July

**Balancing the risks and benefits of antimicrobial prophylaxis after orthopedic surgery: a critical appraisal of current literature**

**Shreeya Thakrar**, BScH, PharmD

*“It was rewarding to present on a topic I am personally passionate about to such a diverse and engaged audience! Thank you Maria, Vivian and CSHP for the opportunity!”*



August

**Non-inferiority complex? A critical appraisal tutorial of non-inferiority trial design**

**Andrea Beaman**, BScPhm, PharmD, RPh

*“I thought reviewing critical appraisal skills would be too dry, but with Vivian’s guidance we put together a fun and engaging talk!”*



September

**Strong enough to change the tide? A critical appraisal of the efficacy and safety of 2 mg weekly semaglutide (SUSTAIN FORTE)**

**Laura Morrison**, BSc Pharm, ACPR

*“Having the opportunity to share information and generate great discussions on a timely topic was a truly rewarding experience!”*



October

**The story of potassium binders and chronic kidney disease**

**Mai Mohsen**, RPh and MScPhm student

*“A wonderful opportunity to share insights and learn from colleagues! Thank you, Vivian and Maria, for facilitating a great session!”*



November

**SGLT2 inhibitors DELIVER again – the evidence in heart failure with preserved ejection fraction**

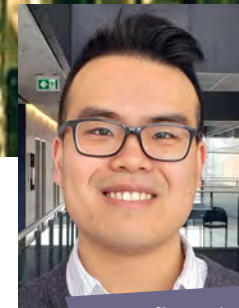
**Danielle Porter**, BScH, PharmD, ACPR

*“Thank you for such an engaging discussion!”*

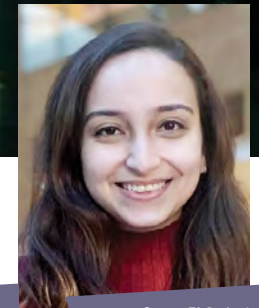




# RESIDENCY RESEARCH NIGHT 2022: METRO TORONTO AND CENTRAL CHAPTERS



Clarence Lam



Sama El Refaei

### Introduction

Metro Toronto and Central Chapters worked in collaboration to host this year’s Residency Research Night on August 31st, 2022. Every year, pharmacy residents in our regions get the opportunity to present their residency projects with other CSHP members. Prior to planning, we had surveyed pharmacy residency coordinators to determine the most preferable dates and format of this year’s residency night. After receiving feedback from the survey, the residency night was held virtually for the third year in a row.

Eighteen residents showcased their projects surrounding topics including internal medicine, infectious diseases, intensive care, psychiatry, oncology, women’s

health, opioid/cannabis use, and pharmacy practice. Each resident was assessed on their presentation and abstract by two different assessors and the written feedback was shared with residents shortly after residency night. Our residency research night was well-attended with roughly 80 attendees.

### How was the event?

Overall, the pharmacy residents did a fantastic job on presenting their projects and providing the audience with very interesting and applicable research. Since this was Metro Toronto’s third virtual residency night, feedback from the last two years was gathered and implemented in this year’s virtual night. Similar forms of communication were used, including emails, google

forms and drive, and social media advertisements. In order to assess the success of this year’s residency night and to help improve future years, a survey was sent out to attendees shortly after the residency night and 27 responses were received. The average satisfaction score for the

residency night was 4.5 out of 5. Feedback had indicated that the event was very well organized with great time management. The residency research night flowed well with no technical difficulties. Other feedback highlighted that the





## RESIDENCY RESEARCH NIGHT 2022: METRO TORONTO AND CENTRAL CHAPTERS... continued

moderators were fair in regards to allocating time for each resident's presentation and Q&A period. Questions asked to presenters were facilitated by the moderators, which helped keep everyone on track.

### What are our plans for next year?

Feedback from our post-event survey indicated that 40.7% of attendees would prefer an in-person format, and 37% would prefer a virtual format for future residency nights. A virtual format would provide an opportunity for more people to attend, including those unable to travel to Toronto or larger research teams. An in-person format would provide opportunities for closer audience engagement at the Leslie Dan Faculty of Pharmacy and utilization of poster presentations.

Based on our feedback we are hopeful to plan an in-person event for next year's residency research night. If an in-person event is not feasible next year, pending pandemic circumstances and planning logistics, other suggestions include exploring a multimodal format (in-person with virtual option), or breakout virtual rooms for each clinical section.

### Summary

The Metro Toronto and Central Chapter 2022 Residency Research Night was successfully hosted virtually. This year's cohort of hospital residents were able to showcase their hard work during their residency. We would like to express our gratitude and appreciation for everyone involved with planning and execution of this year's event, including our

Canadian Society of Hospital Pharmacists  Société canadienne des pharmaciens d'hôpitaux

**CSHP-OB Metro Toronto and Central Chapters are pleased to present:**

## Pharmacy Residents' Research Night 2022

<b>REGISTRATION</b> RSVP with this <a href="#">link</a> by Monday August 29 <sup>th</sup> , 2022	<b>DATE - August 31<sup>st</sup>, 2022</b> 6:30 PM - Opening Remarks 6:40 PM - Oral Presentations 9:20 PM - Closing Remarks
<b>LOCATION</b> Virtually via Zoom	Full Agenda and Program Documents to follow

csph  scph

residents, assessors, moderators and attendees. We are looking forward to seeing everyone next year for the 2023 Pharmacy

Residents' Research Night, perhaps in-person this time!

# ASPEN CONCLUDES A COLLABORATION AGREEMENT TO MANUFACTURE AND MAKE AVAILABLE 4 ASPEN-BRANDED VACCINES FOR AFRICA.

By Shauneen Beukes , Q3 2022

**Durban, South Africa** – Aspen Pharmacare Holdings Limited, has concluded a ten-year agreement with Serum Institute of India Pvt Ltd, the world’s largest vaccine producer, for Aspen SA Operations to manufacture, market and distribute four Aspen-branded routine vaccines in Africa, excluding certain markets due to the Serum Institute having granted prior rights to third parties.

The terms of Agreement for the vaccines, namely Pneumococcal Vaccine, Rotavirus Vaccine, Polyvalent Meningococcal Vaccine and Hexavalent Vaccine (“the Products”), include a technical transfer and formulation, fill and finish arrangement.

In addition to the Agreement, Aspen also anticipates receiving grant funding from the Bill & Melinda Gates Foundation (“the Gates Foundation”) and the Coalition for Epidemic Preparedness Innovations (“CEPI”) to support African regional manufacturing capacity for the affordable supply of vaccines to, among others, African countries

and Gavi / UNICEF, as well as contributing to pandemic preparedness through rights to a share of Aspen’s vaccine manufacturing capacity over a period of ten years.

According to Africa Centre for Disease Control and Prevention (“CDC”), currently less than 1% of vaccines used on the continent contain any local manufacture, yet through GAVI, UNICEF, COVAX and the Africa Vaccine Acquisition Task Team (“AVATT”), hundreds of millions of doses of vaccine are supplied to African countries to support both the Expanded Program on Immunization (“EPI”), protecting children from a range of vaccine preventable diseases, as well as the provision of COVID-19 vaccines for the general population.

Stephen Saad, Aspen Group Chief Executive said, “Africa has learnt from the experience of previous pandemics including HIV and now COVID, that regional capacities are fundamental to solving regional health challenges. The agreement concluded with the Serum Institute, and the antici-

pated grant funding from the Gates Foundation and CEPI, complement our previously stated commitment to expand sustainable and durable vaccine manufacturing on the continent to reduce Africa’s global vaccine dependency. We look forward to partnering with Adar and the Serum Institute. They are the largest manufacturers of vaccines globally and have a proven record of supporting universal healthcare. Aspen is now well-positioned as a first mover to contribute to Continental and, by implication, global health security through the provision of world-class, competitive and proven vaccine manufacturing capability and capacity.”

The Products will be produced at Aspen’s manufacturing facility in Gqeberha which has accreditation from a range of stringent international regulatory authorities and provides medicines and vaccines to improve the health and quality of life of patients in both the domestic and international markets.

Adar Poonawalla, The Serum Institute CEO, said “We are pleased

to be partnering with Aspen and to support them in fulfilling their vaccine ambitions for Africa. We endorse their efforts to contribute towards reducing the Continent’s global vaccine dependency and we are confident that the Products will provide enhanced opportunities of wellbeing for all patients in Africa.”

The ongoing COVID-19 pandemic and the recent World Health Organization’s declaration of Monkeypox being a Public Health Emergency of International Concern, have underscored the need for continental vaccine research and development as well as manufacturing to be expanded and supported. As recognized by the Partnerships for African Vaccine Manufacturing (“PAVM”), a foundation of consistent, ongoing routine vaccination demand is required to manage the outbreak, epidemic and pandemic vaccine manufacturing capability and capacity needed to support regional and global health security.

**Aspen Holdings News**

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HYBRID EVENT



LIVE FROM BANFF  
#CSHPTogether2023

PHOTO CREDIT TO TOM ARBAN

## Attend from anywhere

The Canadian Society of Hospital Pharmacists (CSHP) is the national voluntary organization representing over 3,000 hospital pharmacists, pharmacy technicians, and students who are committed to patient care through the advancement of safe, effective medication use in hospitals and other collaborative healthcare settings. We're so excited to be back in person for 2023!

This year's event will be offered in a hybrid format, so you can attend live in Banff, Alberta or from the comfort of your own home. No matter how you attend, you can be sure we still have our cutting-edge seminars in clinical practice, leadership, perspective-expanding keynotes, social networking, and games!

**Website:** <https://pheedloop.com/banff2023/site/home/>

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of Hospital Pharmacy

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de la pharmacie hospitalière

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# Canadian Society of Hospital Pharmacists



**ON**  
BRANCH

HOSPITAL PHARMACY IN ONTARIO

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