



CGS · SCG

CANADIAN GERIATRICS SOCIETY

LA SOCIÉTÉ CANADIENNE DE GÉRIATRIE



2024

CANADIAN GERIATRICS SOCIETY ANNUAL SCIENTIFIC MEETING PROGRAM

Enriching Lives:
Geriatric Health in a Changing World

The Westin Calgary
April 25 - 27, 2024

#CGS2024



CGS · SCG

CANADIAN GERIATRICS SOCIETY
LA SOCIÉTÉ CANADIENNE DE GÉRIATRIE

TABLE OF CONTENTS

Letter from the President.....	3
Letter from the Scientific Planning Committee Chairs.....	4
General Information.....	5
The Westin Calgary Hotel Floor Plan.....	6
Exhibitor Floor Plan.....	7
Annual CGS Fun Run/Walk.....	8
Thursday, April 25, 2024	9
Friday, April 26, 2024	9
Saturday, April 27, 2024	14
Posters.....	20
Thank You to Our Sponsors and Exhibitors.....	26

The CGS Journal of CME & The Canadian Journal of Geriatrics



Use the *Canadian Geriatrics Society CME Journal* and/or the *Canadian Journal of Geriatrics* to collect MOC credits, earn Certified Mainpro+™ credits, and further your professional development!

geriatricsjournal.ca
cgjonline.ca

LETTER FROM THE PRESIDENT

Dear Attendee,

I would like to start by acknowledging that we are gathered on the unceded traditional territories amongst Indigenous peoples, and from coast to coast to coast, we acknowledge the ancestral territory of all the Inuit, Métis and First Nations people that call this land home.

Today more than ever, clinical medical specialties of Geriatric Medicine and Care of the Elderly should become a cornerstone in our health system since Canada is transitioning to be a super-aged country. For the first time we have more Canadians aged 65+ than children under the age of 15; this creates several challenges but also many opportunities.

Accordingly, our ASM planning committee have put together an outstanding program based on the ethos of “Enriching Lives: Geriatric Health in a Changing World” and focused on 3 main themes: the psychological challenges faced by older adults and strategies for promoting mental well-being; the understanding of the impact of environmental shifts on physical and mental health and healthcare access in the care of older adults; and the role of artificial intelligence in improving diagnosis, treatment, and overall care for older adults. To address this, we have a series of fascinating plenary sessions, engaging workshops, and compelling research abstracts carefully selected by our planning committee. This year we have two pre-conference events planned on April 25th; we are excited to provide a CME day for practitioners who wish to gain practical skills in the care of older adults which runs in parallel with our popular Resident Education Day.

We will also have the opportunity to meet via the planned meetings of our Special Interest Groups (SIGs), committees, or through simply speaking with each other between sessions. This year we are seeing our SIG family expand with 3 new SIGs, reaching a total of 15 SIGs. The new SIGs are the following: Geroscience, Caregivers, and Perioperative Care in Older adults. Please look at the program, try to attend these meetings and join these SIGs if they are of interest.

Continuing our tradition, we are fortunate to have as an invited guest Dr. Jane Rylett, CIHR-IA Scientific Director. Similarly, Prof. Chang-Won Won, past-president of the South Korea Geriatrics Society, was invited by the Primary Care SIG and will present “Geriatrics in South Korea: What is Special?” I anticipate this will be a fascinating talk that will help us learn from the experiences in one of the fastest aging populations of any country in the world.

Finally, if you are attending but you are not a member of the Canadian Geriatrics Society, please consider becoming one. This will offer several benefits, including networking and access to our Annual Scientific Meeting and our ever-growing SIGs, specially curated CME activities, full access to our 2 flagship journals, and career advancement and recognition through our awards and fellowship designation. If you are a member, thank you for your membership. We are always looking for members to get more involved in our activities and on our Board, so please contact us at cgs@secretariatcentral.com if you would like to participate. In this regard, we are looking for passionate members to advocate for our society and care of the elderly at governmental and policy-maker levels; I envision these “super-advocates” forming a “CGS Ambassador Team” that will represent our society in different venues. Please feel free to email directly if you want to know more about this idea.

To conclude, I would like to give everyone a warm welcome to the 43rd Annual Scientific Meeting here in Calgary. I am anticipating another great meeting so, should you encounter any members of the ASM Planning Committee, our Secretariat, our Executive or our Board, thank them for all the great work they have done to expand our society and create an innovative and varied program for the ASM.

Sincerely,

Manuel Montero-Odasso
President, Canadian Geriatrics Society

2023-24 CGS Board of Directors

Manuel Montero-Odasso, President
Deviani Maher, Vice-President
Lesley Charles, Secretary-Treasurer
Ken Madden, Past President

Adrian Wagg, Director-at-Large
Jacqueline McMillan, Director-at-Large
Elizabeth MacDonald, Director-at-Large
Luxey Sirisegaram, Associate Director-at-Large

LETTER FROM THE CHAIRS

Dear Attendee,

Welcome to Calgary and the Canadian Geriatrics Society 43rd Annual Scientific Meeting! In the spirit of reconciliation, we acknowledge that we are gathering on the traditional territories of the Blackfoot Confederacy (comprised of the Siksika, the Piikani, and the Kainai First Nations), the Tsuut'ina First Nation, and the Stoney Nakoda (including Chiniki, Bearspaw, and the Goodstoney First Nations). The City of Calgary is also home to the Métis Nation of Alberta (Districts 5 and 6). We are grateful to finally welcome you to this beautiful place after the 2020 ASM was converted to virtual during the pandemic.

Our world is ever rapidly changing. The theme of this year's ASM is "Enriching Lives: Geriatric Health in a Changing World." Post-pandemic mental health issues have been particularly prominent, and some of the latest Canadian guidelines pertinent to older adults will be presented and discussed. We will explore the psychological changes faced by older adults and apply strategies to promote mental health.

The growth of machine learning and technology has great opportunities and potential challenges to how we care for older adults across the continuum of care. Our speakers will help us appraise the use of artificial intelligence and technology in diagnosis and management of older adults in different settings, as well as in education.

Responding to the impact of climate change on health care delivery is another challenge. We must continue providing sustainable healthcare for older adults, while minimizing the impact on the environment. Our older patients are among those most vulnerable to the effects of extreme weather, and we will learn to incorporate the impact of climate shifts on all aspects of health of older adults.

Our CME and Resident Day programs address topics of immense importance to our trainees, family physicians, and care of the elderly specialists. This year we are also offering optional Decision-Making Capacity Assessment courses designed by CGS members. The CGS Gala Dinner will feature local cuisine and ingredients in a beautiful setting on Prince's Island Park, allowing a chance to reconnect with each other and the local environment. And the Fun Run/Walk will invigorate our minds, bodies, and the CGS Scholarship Fund.

Please join us in thanking the amazing planning committees for the ASM, CME Day and Resident Day, as well as the CGS Secretariat. We look forward to seeing you in Calgary and growing our shared passion for geriatric care in a changing world!

Heidi Schmaltz & Vivian Ewa
CGS ASM Co-Chairs
On behalf of the CGS ASM Planning Committee

2024 CGS ASM Planning Committee

Taylor Carmichael (Resident Day)	Ali Jamal (CME Day)
Lesley Charles	Samantha Lui (Resident Day)
Lucy Eum (Resident Day)	Deviani Maher
Vivian Ewa	Sharon Marr
Emily Goudie (Resident Day)	Manuel Montero-Odasso
Sid Feldman	Natanya Russek (Resident Day)
Mark Fok	Heidi Schmaltz

GENERAL INFORMATION

Land Acknowledgement

In the spirit of reconciliation, we acknowledge that we are gathering on the traditional territories of the Blackfoot Confederacy (comprised of the Siksika, the Piikani, and the Kainai First Nations), the Tsuut'ina First Nation, and the Stoney Nakoda (including Chiniki, Bearspaw, and the Goodstoney First Nations). The City of Calgary is also home to the Métis Nation of Alberta (Districts 5 and 6).

Registration

Registration is located in the Grand Foyer on the Conference Level of the Westin Calgary, accessible by elevator or stairs.

Registration Hours

Thursday, April 25, 2024 16:00 – 19:00

Friday, April 26, 2024 07:00 – 16:30

Saturday, April 27, 2024 07:30 – 15:00

Name Badges

Wearing your name badge is mandatory to attend all sessions and meals at the CGS ASM.

Evaluations

You will receive electronic evaluation forms at the end of the conference. Please remember to complete them as it provides valuable feedback for future meetings.

Certificate of Attendance

A certificate of attendance will be issued upon completion of the overall evaluation and sent electronically within 30 business days of the conference.

Internet

Wi-Fi is available throughout the meeting space.

Network: Westin_Conference

Code: CGS2024

Accreditation

This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification program of The Royal College of Physicians and Surgeons of Canada, and approved by the Canadian Geriatrics Society. You may claim a maximum of 10.25 hours (10.25 credits) for the ASM and 6 hours (6 credits) for CME Day.

This Group Learning program has been certified by the College of Family Physicians of Canada and the Alberta Chapter for up to 16.25 Mainpro+ credits.

Overall Learning Objectives

At the end of this conference, participants will be able to:

- explore the psychological challenges faced by older adults and strategies for promoting mental well-being;
- incorporate the impact of environmental shifts on physical and mental health, and healthcare access in the care of older adults; and
- appraise the role of artificial intelligence in improving diagnosis, treatment, and overall care for older adults.

CONNECT WITH US

#CGS2024

www.canadiangeriatrics.ca



Facebook
/CanGeriSoc



Twitter
@CanGeriSoc



LinkedIn
Canadian Geriatrics Society

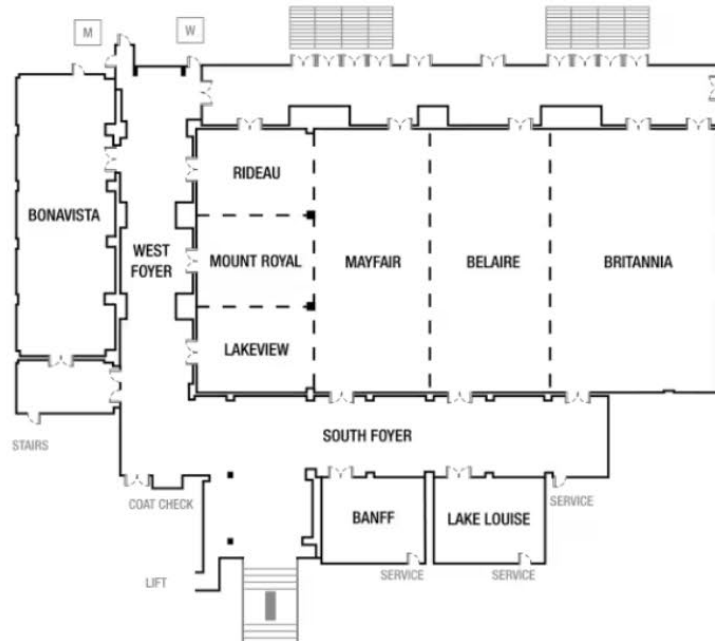
Network: Westin_Conference

Password: CGS 2024

April 25 - 27, 2024 · The Westin Calgary

FLOOR PLANS

CONFERENCE LEVEL



LOWER LEVEL



SECOND FLOOR

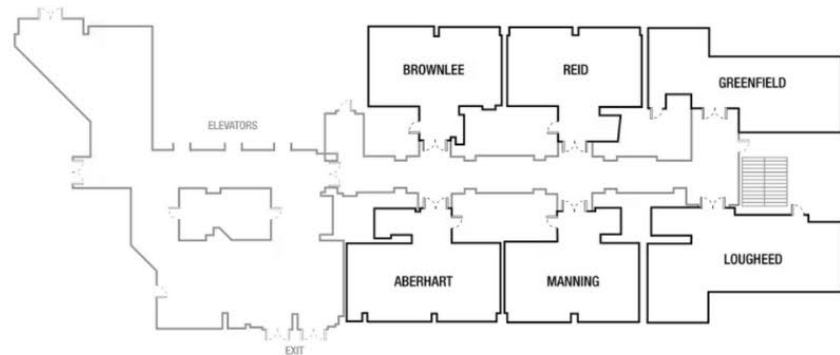


EXHIBIT HALL FLOOR PLAN

CGS 2024 ASM Exhibit Hall Floor Plan

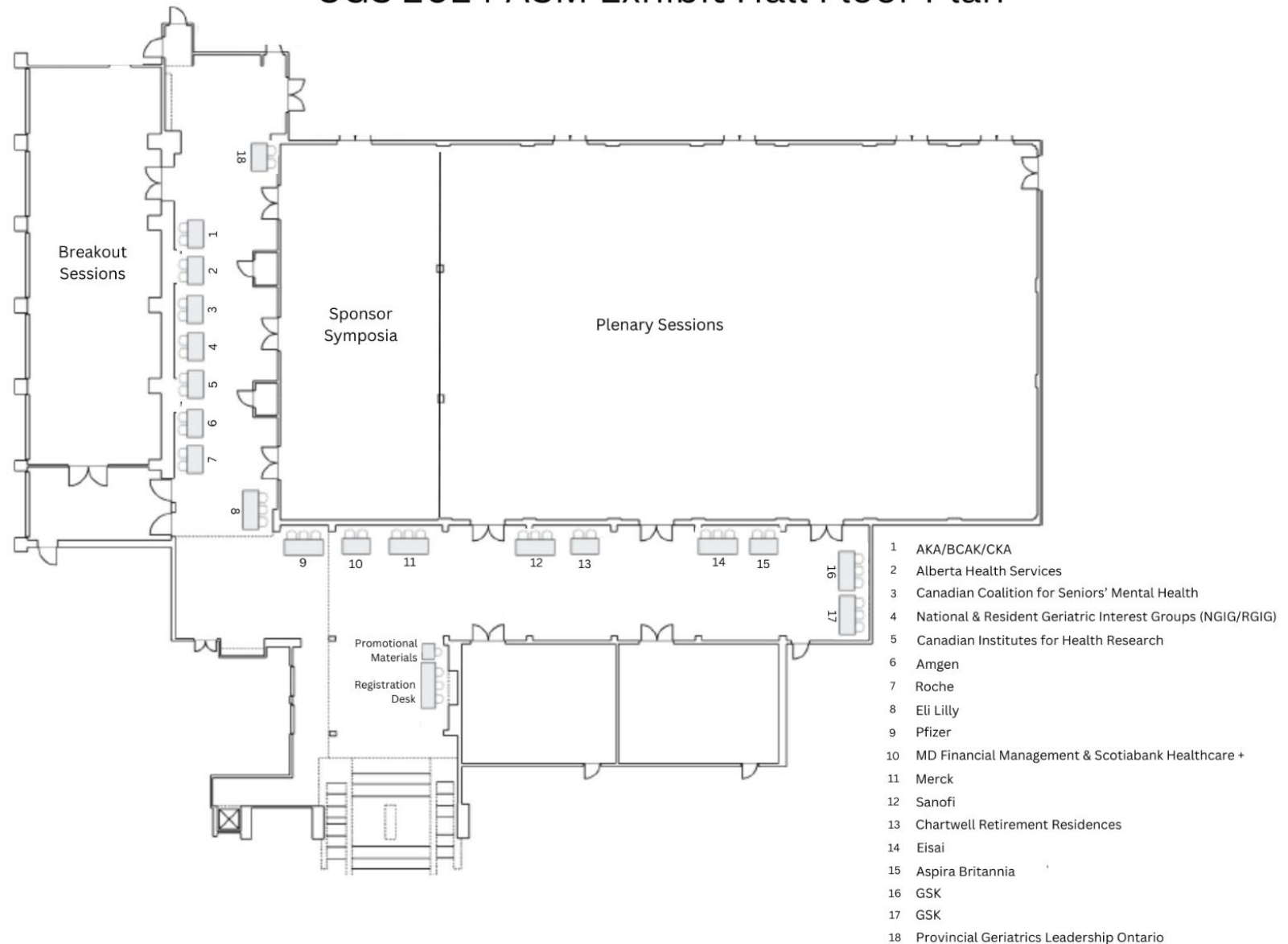


Exhibit Hall Passports

We invite all delegates to participate in the exhibit hall passport game! By visiting all of the exhibitors, delegates are eligible to win prizes. Please see the registration desk onsite for more information! Visit booths during exhibit times as indicated in the schedule.

FUN RUN

Join Us!

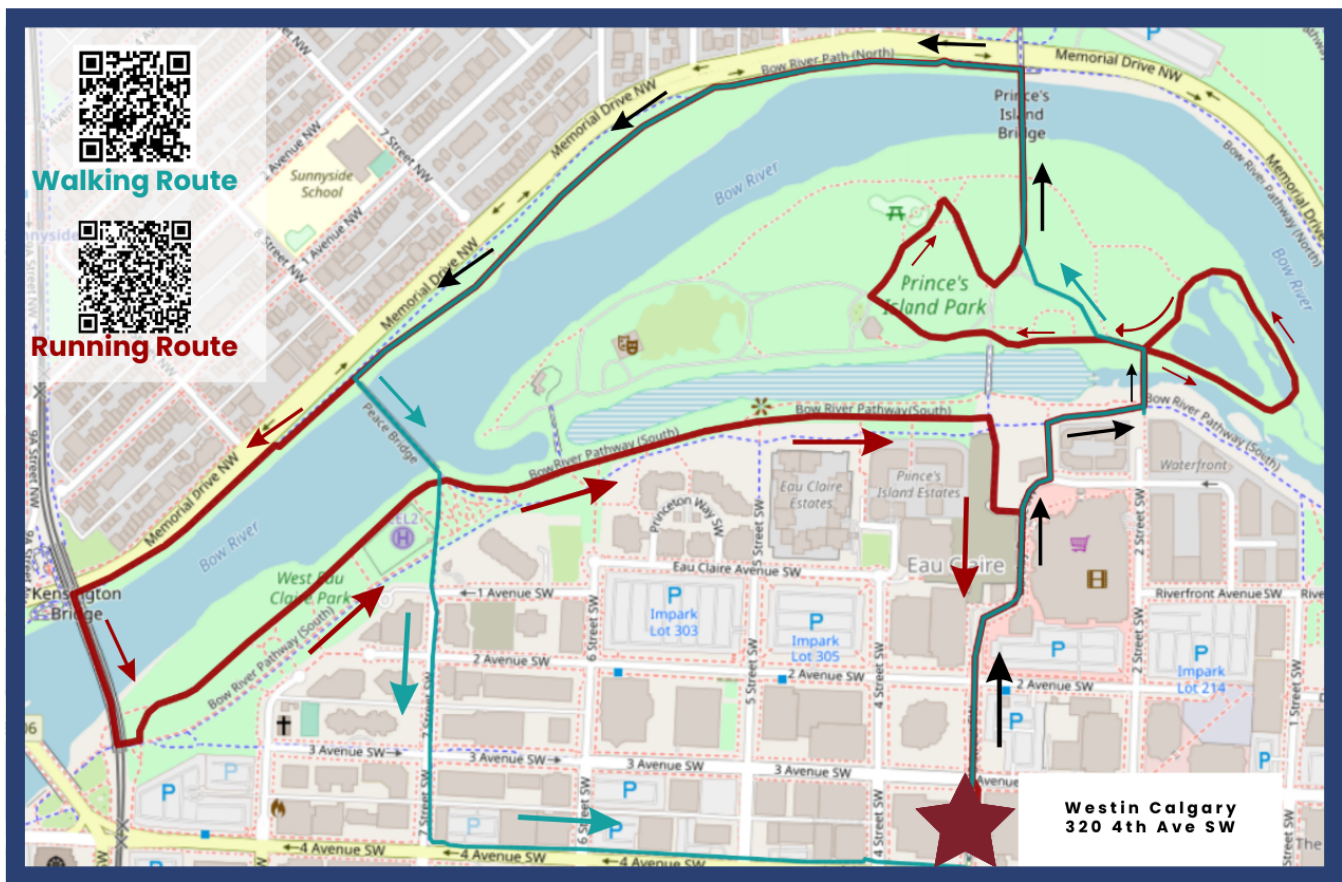
It is never too late to sign up for this fun annual event! The CGS is excited to host the CGS Fun Run/Walk in support of the Canadian Geriatrics Society Scholarship Foundation. Challenge your colleagues to join you on this 5 km run or 3 km walk in Calgary!

When: Saturday, April 27, 2024, at 6:00 a.m.

Location: Meet in the lobby of the Westin Calgary

Details: 5 km run or 3 km walk

Entry Fee: \$35.00



We Need Your Support!

The CGS is committed to improving the care of older adults and has decided, through its Foundation, to promote interest among medical students in the practice of geriatrics. Your donation will help the CGS Scholarship Foundation to achieve this objective.

Visit www.canadiangeriatrics.ca/2024-Donations or visit the Registration Desk to donate.



CGS 2024 ASM Program

Thursday, April 25, 2024

Time	Event	Location
16:00 – 19:00	Registration: Check-In	Grand Foyer
17:00 – 19:00	Exhibitor and Delegate Welcome Reception	Grand Foyer

Friday, April 26, 2024

Time	Event	Location
07:00 – 08:00	Breakfast and Exhibits	Grand Foyer
07:00 – 08:00	Registration: Check-In	Grand Foyer
07:00 – 07:45	Primary Care SIG Annual Meeting Chairs: Robert Lam and Jean Triscott Speaker: Chang Won Won <i>South Korea currently has the fastest aging population of any country in the world and will soon be the oldest. Please welcome Dr. Chang Won Won, geriatrician and full professor of family medicine from the Kyung Hee University, South Korea, as he speaks on, "Geriatrics in South Korea: What is Special?"</i>	Eau Claire North/South
07:00 – 07:45	Deprescribing and Medical Optimization SIG Annual Meeting	Lake Louise
08:00 – 08:30	Welcome and Introductions Heidi Schmaltz and Vivian Ewa, ASM Co-Chairs Jane Rylett, Scientific Director, CIHR-IA	Britannia/Belaire/ Mayfair
08:30 – 09:45 Keynote	AgeTech/Technology to Support Aging in Place Shannon Freeman At the end of this session, participants will be able to: <ul style="list-style-type: none"> describe older adults' views and uptake of common technologies; provide examples of technologies that assist in improving the wellness and care of older adults in different settings; and appraise the evidence for the use of technology to improve geriatric care. 	Britannia/Belaire/ Mayfair
09:45 – 10:15	Networking Break & Exhibits	Grand Foyer

CGS 2024 ASM Program

Friday, April 26, 2024

Time	Event	Location
10:15 – 11:30	Concurrent Sessions – Block 1	
	<p>Introduction to the 2023 Canadian Osteoporosis Guidelines Sid Feldman, Alexandra Papaioannou, Lora Giangregorio Moderator: Jenny Thain</p> <p>At the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> • apply appropriate tools and strategies to screen patients for primary and secondary prevention of osteoporotic fracture; • discuss pharmacological therapies available for the treatment of osteoporosis, and how to determine optimal therapy depending on fracture risk; and • demonstrate understanding of exercise strategies to optimize bone health. 	Eau Claire North/South
	<p>The Role of Artificial Intelligence and Digital Technology in Supporting People with Dementia Sayeh Bayat</p> <p>At the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> • describe the role of AI in assessing older adults with neurocognitive disorders; and • appraise the evidence for AI applications to support caregivers of older adults living with neurocognitive disorders. 	Britannia/Belaire/ Mayfair
	<p>The Changing Older Adult Demographics and the Impact for Research in Canada / Le changement démographique de la population de personnes âgées et son impact sur la recherche au Canada Jane Rylett – Scientific Director, CIHR-IA</p> <p>At the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> • summarize the changing older adult demographics in Canada; • reflect on the impact of changing older adult demographics for research in Canada; and • speak to new and upcoming activities of CIHR's Institute of Aging. 	Bonavista

CGS 2024 ASM Program

Friday, April 26, 2024

Time	Event	Location
	<p>Oral Abstract Presentations, Eligible for Thompson Award</p> <ol style="list-style-type: none"> The Intersection of Transgender Older Adults and Health Provision: A Scoping Review Emily Ames Access to and Perceptions of Long-Term Care Homes for Older Adults in Toronto Shelters: A Qualitative Study Parnika Godkhindi Using eConsult to Access Specialist Advice for Persons Living with Dementia - A Cross-Sectional Analysis Ramtin Hakimjavadi Understanding the Journey of Cognitive and Functional Disability in Long-Term Care Residents - A Population-Based Cohort Study in Ontario Ramtin Hakimjavadi Teaching About Dementia in Canadian Undergraduate Medicine and Nursing Curricula: A Scoping Review Emily Kervin Revolutionizing Care through a Novel Care Pathway for Agitation and/or Aggression among PLWD in LTC: A Modified Delphi Study Britney Wong <p>At the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> • appraise recent research projects in geriatrics; • develop critical thinking on results of research projects; and • discuss the implications of recent research projects on current clinical practice in geriatrics. 	Nakiska
11:30 – 12:40	Lunch and Exhibits	Grand Foyer
11:45 – 12:30	Osteoporosis & Bone Health SIG Annual Meeting	Eau Claire North/South
11:45 – 12:30	Geroscience SIG Annual Meeting	Lake Louise
12:40 – 12:45	<p>Active Break</p> <p>Lead by Alberta Kinesiology Association/BC Association of Kinesiologists</p>	Britannia/Belaire/ Mayfair

CGS 2024 ASM Program

Friday, April 26, 2024

Time	Event	Location
12:45 – 13:45 Plenary	<p>The Canadian Coalition for Seniors' Mental Health Clinical Practice Guidelines for Behavioural and Psychological Symptoms of Dementia Dallas Seitz, Jennifer Watt</p> <p>At the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> • detect behavioural and psychological symptoms in dementia (i.e., agitation, anxiety, depression, psychosis, and sexual expressions of risk); and • facilitate shared decision-making with patients and caregivers about non-drug and drug treatment options for behavioural and psychological symptoms in dementia. 	Britannia/Belaire/ Mayfair
13:50 – 14:50	Poster Viewing Session	Bow Valley
15:00 – 16:15	Concurrent Sessions – Block 2	
	<p>Integrating Deprescribing Competencies into Health Care Curricula: A “How To” Workshop Lalitha Raman-Wilms, Cheryl Sadowski, Jim Silvius Moderator: Barbara Farrell</p> <p>At the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> • describe deprescribing competencies, related knowledge and skill requirements; • identify gaps and opportunities to teach and assess deprescribing competencies; and • develop a plan to integrate deprescribing components into the curriculum. 	Bonavista
	<p>Canadian Clinical Practice Guidelines for the Treatment of Anxiety in Older Adults: Recommendations Zahra Goodarzi</p> <p>At the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> • discuss risk factors for and how to detect anxiety symptoms and disorders in older adults; and • facilitate shared decision-making with patients and caregivers about non-drug and drug treatment options for anxiety symptoms and disorders. 	Britannia/Belaire/ Mayfair



CGS 2024 ASM Program

Friday, April 26, 2024

Time	Event	Location
15:00 – 16:15	<p>Education Session: The Role of Artificial Intelligence in Geriatric Medicine Education Alishya Burrell, Erika Dempsey, Eddie Guo</p> <p>At the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> describe the basics of generative Artificial Intelligence (AI) discuss ways to harness the power of generative AI such as ChatGPT for teaching in Geriatric Medicine; and appraise the potential benefits and pitfalls of this emerging technology. 	Eau Claire North/South
	<p>Oral Abstract Presentations, Eligible for the Réjean Hébert Award</p> <p>7. Acute Care of the Elderly Unit Discharge Summaries - Quality Improvement Taylor Carmichael</p> <p>8. Polypharmacy in Older Adults with Transthyretin Amyloidosis Cardiomyopathy Kaleigh Ducas-Mowchun</p> <p>9. Implementation of a Multicomponent Bedside Board to Reduce Delirium in Orthopedic Inpatients: A Quality Improvement Project Shannon Gui</p> <p>10. Cross Sectional Association Between Orthostatic Change in Systolic Blood Pressure and Cognition Steven Mejia</p> <p>11. Microglia Morphology Characterization in Aging Ayesh Seneviratne</p> <p>12. Older Adults with Advanced Chronic Kidney Disease and Access to Palliative Care: A Retrospective Cohort Study in Primary Care Helen Tam-Tham</p> <p>At the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> appraise recent research projects in geriatrics; develop critical thinking on results of research projects; and discuss the implications of recent research projects on current clinical practice in geriatrics. 	Nakiska
16:30 – 17:30	CGS Annual General Meeting (members only)	Britannia/Belaire/ Mayfair
19:00	CGS Gala Dinner <i>Tickets required in advance</i>	The River Café 25 Prince's Island

CGS 2024 ASM Program

Saturday, April 27, 2024

Time	Event	Location
06:00 – 07:30	CGS Fun Run/Walk	Meet in hotel lobby
07:30 – 08:30	Breakfast and Exhibits	Grand Foyer
07:30 – 08:30	Registration: Check-In	Grand Foyer
07:30 – 08:15	Falls, Balance and Mobility SIG Annual Meeting	Lake Louise
07:30 – 08:15	Choosing Wisely SIG Annual Meeting	Lougheed
08:30 – 09:30	Planetary Health Speaker: Joe Vipond Moderator: Vivian Ewa At the end of this session, participants will be able to: <ul style="list-style-type: none"> • discuss climate change and impact on health and healthcare systems in the context of an aging population; • identify practical approaches physicians/healthcare providers can use to decrease greenhouse gas emissions in their lives and in clinical practice; and • describe opportunities for advocacy in healthcare. 	Britannia/Belaire/ Mayfair
9:30 – 9:35	Active Break Lead by Alberta Kinesiology Association/BC Association of Kinesiologists	Britannia/Belaire/ Mayfair
09:45 – 11:00	Concurrent Sessions – Block 3 Deeper Dive into Planetary Health - Panel Discussion Speaker: Joe Vipond, Sonja Wicklum, Clark Svrcek Moderator: Vivian Ewa At the end of this session, participants will be able to: <ul style="list-style-type: none"> • describe principles of sustainable health care; • implement changes to make clinical practice more aligned with sustainable health care; and • apply practical ways to take action against climate conditions that impact health care. 	Bonavista

CGS 2024 ASM Program

Saturday, April 27, 2024

Time	Event	Location
09:45 – 11:00	<p>Preventing Fragility Fractures: How Can We Integrate Fall Prevention and Management of Osteoporosis? Speakers: Manuel Montero-Odasso, Jenny Thain, Sid Feldman, David Hogan, Alexandra Papaioannou Moderator: Shirley Huang</p> <p>At the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> describe the potential benefits of concurrently assessing fall risk and bone health in preventing fragility fractures; demonstrate how to combine the number of falls in the previous year with a traditional FRAX score; and examine feasible approaches to integrate fall risk with an assessment of bone health in efforts to prevent fragility fractures. 	Britannia/Belaire/ Mayfair
	<p>MAiD Developments Including Future Expansion to Mental Illness (Panel) Cynthia Clark, Michael Trew, Jilian Arnold, Monica Consul Moderator: Jim Silvius</p> <p>At the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> identify and discuss the challenges for MAiD for individuals with dementia; debate the current pros and cons to extending MAiD to those with a mental illness; and discuss different perspectives regarding MAiD legislation. 	Eau Claire North/South
	<p>Oral Abstract Presentations, Eligible for the Dr. Jack & Dr. Asa Award</p> <p>13. Predictors of Language Concordant Cognitive Testing in Older Adults with Cancer Victoria Chuen</p> <p>14. Impact of a Whole Pathway Approach, PRIME, in the Care of Older Adults Undergoing Gastrointestinal Surgery Gabriella Jacob</p> <p>15. A Thematic Analysis of Reflective Writing: What Does It Mean to be a Geriatrician? Taureef Mohammed</p>	Nakiska

CGS 2024 ASM Program

Saturday, April 27, 2024

Time	Event	Location
09:45 – 11:00	<p>Oral Abstract Presentations, Eligible for the Dr. Jack & Dr. Asa Award (Cont'd)</p> <p>16. A Canadian Geriatric Critical Care Curriculum Needs Assessment Andrew Perrella</p> <p>17. REACH LTC - REAssessing CHolinesterase Inhibitors and Memantine in Long-Term Care Carolyn Tan</p> <p>18. Comparison of Discharge Destination Post Hip Fracture Among Rural vs. Urban Dwelling Older Adults: A Retrospective Cohort Study Corrie Vincent</p> <p>At the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> • appraise recent research projects in geriatrics; • develop critical thinking on results of research projects; and • discuss the implications of recent research projects on current clinical practice in geriatrics. 	Nakiska
11:00 – 11:30	Networking Break & Exhibits	Grand Foyer
11:30 – 12:45	<p>Concurrent Sessions – Block 4</p> <p>The Aging Heart Speaker: Deirdre O’Neill</p> <p>At the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> • appraise evidence for SGLT2 inhibitors in older adults with heart failure; • describe risk/benefits of tight BP control in older adults with hypertension and orthostatic hypotension; • discuss anti-coagulation in older adults with atrial fibrillation, including subclinical atrial fibrillation; and • describe frailty and other key prognostic factors when assessing older adults prior to cardiovascular interventions (including TAVR). 	Britannia/Belaire/ Mayfair

CGS 2024 ASM Program

Saturday, April 27, 2024

Time	Event	Location
11:30 – 12:45	<p>Caregiver Centered Care: Enhancing Care for Older People with Complex Care Needs by Recognizing & Engaging Family Caregivers as Essential Partners in Care Lesley Charles, Gwen McGhan, Vivian Ewa Moderator: Jasneet Parmar</p> <p>At the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> • recognize the role of, and benefits of involving family caregivers as integral team members in the care process; • incorporate effective strategies to enhance empathic communication and shared decision-making principles with the family caregivers; • use the Competency-based Caregiver-Centered Education developed for Health Workforce to Engage and Support Family Caregiver; and • lead the change and advocate for Caregiver-Centered Care in your practice and setting. 	Bonavista
	<p>Navigating Driving Cessation in Adults with Dementia Gary Naglie Moderator: Sharon Marr</p> <p>At the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> • describe driving risks in adults with dementia and risks associated with driving cessation; • appreciate existing guidelines on driving in adults with dementia; • assess driving fitness in older adults with dementia; and • refer adults living with dementia and their families to resources to help optimize driving cessation decision making and adjustment to driving cessation. 	Eau Claire North/South

CGS 2024 ASM Program

Saturday, April 27, 2024

Time	Event	Location
11:30 – 12:45	<p>Oral Abstract Presentations, Eligible for the Cowdry Award</p> <p>19. Investigating Systematic Measurement Differences in Delirium Severity Between Hyperactive and Hypoactive Patients Sara Corvinelli</p> <p>20. The Relationship Between Delirium Severity and Patient Outcomes Classified by Motor Subtype: A Systematic Review Sara Corvinelli</p> <p>21. Quadriceps Muscle Thickness Measured by Point-of-Care Ultrasound and Hospital Length of Stay Uyanga Ganbat</p> <p>22. Building a Stronger Support System: Exploring Evidence-Based Solutions for Family Caregivers in Geriatrics Babatope Ogunjesa</p> <p>23. WITHDRAWN</p> <p>24. Eligibility for Treatment with Disease Modifying Therapies for Alzheimer's Disease Among Individuals Assessed in a Tertiary Care Specialty Dementia Clinical Program in Calgary, Alberta Gavin Thomas</p> <p>At the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> • appraise recent research projects in geriatrics; • develop critical thinking on results of research projects; and • discuss the implications of recent research projects on current clinical practice in geriatrics. 	Nakiska
12:45 – 13:45	Lunch and Exhibits Posters	Grand Foyer Bow Valley
12:45 – 13:30	Frailty SIG Annual Meeting	Banff
12:45 – 13:30	Nutrition in Older Adults SIG Annual Meeting	Lake Louise



CGS 2024 ASM Program

Saturday, April 27, 2024

Time	Event	Location
13:45 – 14:45 Plenary	AI Advancements to Support an Aging Population J. Ross Mitchell At the end of this session, participants will be able to: <ul style="list-style-type: none"> • discuss artificial neural networks and how they can be used to solve problems; • describe Transformer architecture (behind ChatGPT) and how this can be used to process data; • recognize applications of Transformers to medical documents, audio data, and medical images; and • appraise the potential for these technologies to impact geriatric care. 	Britannia/Belaire/ Mayfair
14:45 – 15:10	CGS Awards, Poster Awards, Oral Abstract Awards Awards Chair	Britannia/Belaire/ Mayfair
15:10 – 15:15	Active Break Lead by Alberta Kinesiology Association/BC Association of Kinesiologists	Britannia/Belaire/ Mayfair
15:15 – 16:15 Plenary	Top 10 Research Papers Peter Hoang, Krista Reich Moderator: Zahra Goodarzi At the end of this session, participants will be able to: <ul style="list-style-type: none"> • appraise a broad selection of key papers relevant to the care of older adults from the last year; and • discuss strategies to integrate the reviewed evidence into clinical care for older adults. 	Britannia/Belaire/ Mayfair
16:15	Closing Remarks Heidi Schmaltz & Vivian Ewa, ASM Co-Chairs	Britannia/Belaire/ Mayfair

CGS 2024 Annual Scientific Meeting

Posters

Poster #	Abstract
25	Investigating the Knowledge of Prebiotics, Probiotics and Synbiotics in Middle and Older Age Adults Sahar Alshammari, Kannayiram Alagiakrishnan, Desiree Fermin, Saifal Anwar, Joao Morgadinho, Senthilselvan Ambikaipakan, Tyler Halverson
26	Does Influenza Vaccination Protect Against Long Term Care Admission? A Report from the Canadian Immunization Research Network Serious Outcomes Surveillance Network Melissa K. Andrew, Henrique Pott, Jason LeBlanc, Todd F. Hatchette, Shelly A. McNeil
27	Day-to-Day Experience of Managing Urinary Incontinence (UI)- A Photovoice Study Anthony Anugom, Adrian Wagg, William Gibson
28	Patient and Caregiver Perspectives on Social Admission Care in a Nova Scotia Tertiary Teaching Centre Gaurav Arora, Jasmine Mah, Christie Stilwell, Judith Fraser, Madeline Kubiseski, Lucy Eum, Karen Nicholls, Gali Latariya, Susan Freter, Katalin Koller, Maia von Maltzahn, Kenneth Rockwood, Melissa Andrew, Samuel Searle, Emily Marshall
29	Understanding the Quality of Death and Dying for Older Adults in Canada at the Canadian Longitudinal Study on Aging: A Cohort Study Komal Aryal, Aaron Jones, Andrew Costa
30	Use of a Modified Delphi Process to Create a Clinical Care Pathway for Depressive Symptoms and Disorders in Long-Term Care Kayla Atchison, Jayna M Holroyd-Leduc, Andrea Gruneir, Zahinoor Ismail, Vivian Ewa, Jennifer A Watt, Jennifer Knopp-Sihota, Patrick Quail, Matthias Hoben, Dallas Seitz, Zahra Goodarzi
31	Anxiety Symptom and Disorder Detection in Older Adults: A Diagnostic Accuracy Systematic Review Kayla Atchison, Pauline Wu, Leyla Samii, Michael Walsh, Zahinoor Ismail, Andrea Iaboni, Zahra Goodarzi
32	Addressing Stigma of Dementia During the COVID-19 Pandemic: Implications and Mitigation Strategies Juanita-Dawne Bacsu, Raymond J. Spiteri, Kate Nanson, Zahra Rahemi, Claire Webster, Myrna Norman, Chantelle Stone
33	Supporting Early Career Faculty in Geriatrics Through a New Mentorship Model: Development, Implementation, and Evaluation Juanita-Dawne Bacsu, Justine S. Sefcik, Zahra Rahemi, Darina Petrovsky, Zachary G. Baker, Kris Ma, Matthew Lee Smith
34	Cross-sectional Survey of Continence Assessment and Management of Older Adults (≥65y) at the University of Alberta Hospital Krittika Bali, Adrian Wagg
35	Continuing to Improve Quality of Care Through Patient Centred Documentation in Dementia (and Beyond) Jesse Bauman, Joshua Osika
36	A Systematic Review of the Scientific Literature on the Ethical Issues Raised in the Care of the Elderly During the SARS-Cov-2 Pandemic and Possible Solutions for the Future Mohamed Amine Bouchlaghem, Miruna Anohim, Marie-Laurence Ouellet-Pelletier, Lyse Langlois, Félix Pageau
37	Spiral Integration of Cognitive Geriatric Competencies in a Pre-clerkship Curriculum Alishya Burrell, Laura Diachun

CGS 2024 Annual Scientific Meeting

Posters

Poster #	Abstract
38	<p>Molecular Characterization of Germs Associated with Ventilator-associated Pneumonia in Geriatric Patients in a Latin American Hospital</p> <p>Silvia Fernanda Castillo Goyeneche, Luis Andrés Dulcey Sarmiento, María Juliana Estévez Gómez, Diego Andrey Acevedo Peña, Anderson Felipe Arias Ariza, Jaime Gómez Ayala, María Camila Gómez, María Camila Amaya, Emily Gutierrez, Angie Lizcano, Edgar Camilo Blanco, María Paula Ciliberti, Gabriela Ramos, Sebastián Theran, Juan Ramos, Alejandro Gómez, Laura Nathalia Gutierrez Granados</p>
39	<p>Why Community Matters: Relationships Between Social Provisions, Community Sense of Belonging, and Depression Among Older Adults in Ontario, Canada</p> <p>Liv Cento, Todd Coleman</p>
40	<p>Nutritional Status of Inpatient Older Adults and its Association with Physical and Functional Performance- Preliminary Results of a Prospective Study</p> <p>Tevy Chan, Felipe Broering, Nicole Aswad, Arianne Zabbal, Katalina Couto, Stéphanie Chevalier, José A. Morais</p>
41	<p>Experiences of Managing Continence for People Living with Obesity and Incontinence</p> <p>Alexa Chen, Saima Rajabali, Adrian Wagg</p>
42	<p>Empowering and Improving the Care of Older Adults Who Are Isolated or Lonely, Through Clinical Practice Change Across Canada</p> <p>David Conn, Tanya Billard, Suzanne Dupuis-Blanchard, Amy Freedman, Peter Hoang, Melanie Levasseur, Nancy Newall, Mary Pat Sullivan, Andrew Wister</p>
43	<p>Clinical Factors that Predict Discharge Location in Older Adults with Hip Fractures Treated at a Level 1 Trauma Center</p> <p>Loren Cooper, Andrew Flewelling, Cameron MacLellan, Susan Benjamin, Sharron Gionet, Karla Faig, Daniel Dutton, James Wagg, Chris McGibbon, Pamela Jarrett</p>
44	<p>Perspectives on Continuing Care (Home Care to Facility-Based Living) of Persons Living with Human Immunodeficiency Virus (HIV)</p> <p>Jessica Dalere, Farwa Naqvi, Raynell Lang, Vivian Ewa, Mark Randall, Katrina Milaney, Zack Marshall, Hartmut Krentz, Jacqueline McMillan</p>
45	<p>Exploring Cognition and Dual-task Gait Costs over 6 Months in a Group of Community Dwelling Alzheimer's Disease Participants</p> <p>Christopher Davis, Angela Juby, Brian Maraj</p>
46	<p>Analysis of Risk Factors Associated with Hemorrhage After Pharmacological Thrombolysis in Geriatric Patients in South America</p> <p>María Juliana Estévez Gómez, Luis Andrés Dulcey Sarmiento, Silvia Fernanda Castillo Goyeneche, Diego Andrey Acevedo Peña, Jaime Gómez Ayala, Alejandro Gómez, María Camila Gómez, Anderson Felipe Arias Ariza, María Camila Amaya, Emily Gutierrez, Angie Lizcano, Edgar Camilo Blanco, María Paula Ciliberti, Gabriela Ramos, Sebastián Theran, Juan Ramos, Laura Nathalia Gutierrez Granados</p>
47	<p>Discharge Outcomes from a Combined Acute and Reactivation Unit for Older Adults with Frailty: Does Early Admittance Make a Difference?</p> <p>Nicole Gallagher, Dana Corsi, Melanie Briscoe, Jo-Anne Clarke, Krista Edwards, Shaen Gingrich, Ann Matte, Sara McEwen, Kristen St-Onge, Valerie Scarfone</p>
48	<p>Understanding Underdiagnosis in Dementia: How May Material Deprivation Play a Role in Quebec?</p> <p>Sanjna Navani, Isabelle Vedel, Geneviève Arsenault-Lapierre, Nadia Sourial, Amélie Quesnel-Vallée, Louis Rochette, Victoria Massamba, Claire Godard-Sebillotte</p>



CGS 2024 Annual Scientific Meeting

Posters

Poster #	Abstract
49	The Consideration of Social Determinants of Health and Related Inequities in National Dementia Strategies Claire Godard-Sebillotte, Sanjna Navani, Georgia Hacker, Isabelle Vedel
50	WITHDRAWN
51	Coordinating Transitions from Hospital for Older Adults with Fractures: Qualitative Results Comparing the Experiences of Patients with Patient Navigators and Those Without Natasha Hanson, Tracy Freeze, Kathleen O'Keefe, Chi Nguyen, Ravneet Somal, Karla Faig, Pamela Jarrett
52	A Qualitative Exploration of the Factors Affecting Change in Antipsychotic Medication Use in Long Term Care Homes During the COVID-19 Pandemic Heather Hanson, Mehri Karimi-Dehkordi, Adrian Wagg
53	Exploring Quality of Life of Continuing Care Home Residents in Alberta: An Analysis Using Health System Governance Data Heather Hanson, Adrian Wagg
54	Perceived Barriers to Aging Well in Alberta: A Provincial Patient Engagement Study Heather Hanson, Don McLeod, Adrian Wagg
55	Drivers of COVID-19 Deaths Among Older Adults in Long-term Care Heather Hanson, Mehri Karimi-Dehkordi, Jim Silvius, Adrian Wagg
56	DPAT: An Itemized Tool to Increase Implementation of Non-Pharmacological Strategies in the Prevention and Treatment of Delirium Katherine Harder, Lisa Stephenson, Sophiya Benjamin
57	Engagement and Empowerment Groups for People Living with Dementia: Supporting the Development of Dementia Friendly Communities Loretta M Hillier, George Ioannidis, Mary Burnett, Tracy Gibbs, Phyllis Fehr, Debbie Keay, Anthea Innes, Lori Letts, Laura Garcia Diaz, Jennifer Siemon, and Alexandra Papaioannou for the Empowering Dementia Friendly Community Hamilton, Haldimand Stewardship Group
58	Risk Factors Associated with Homelessness in Older Adults: A Scoping Review Peter Hoang, Moni Ghosh, Yu Qing Huang, Courtney van Ballegoie, Rose Samra, Colin Whaley, Vaness Duong, Jillian Alston, Paula Rochon
59	Updated Version of the Canadian Coalition for Seniors Mental Health Clinician Pocket Card for Delirium David Hogan, Chris Frank, Claire Checkland, David Conn, Monique Beneteau, Sophiya Benjamin
60	Patient Experiences with the BEdside reconditioning for Functional ImprovemenTs (BE-FIT) Patient-led Rehabilitation Program: A Qualitative Evaluation Paula Horsley, Sadaf Murad, Beate C Sydora, Jess Nakaska, Marlyn Gill, Jude A Spiers, Rachel G Khadaroo
61	Implementation of Frailty Assessment to Prospectively Adapt Acute Care: A Scoping Review Harneet Hothi, Arianna R Paolone, Matteen Pezeshki, Justin Y Lee
62	Cognitive Interventions Across Healthcare Settings for Older Adults with Traumatic Brain Injury: A Scoping Review Yu Qing (Jenny) Huang, Harneet Hothi, Sophie Weiss, Sharon Straus, Jennifer Ann Watt
63	Indigenous Health Education in Medical Residency in Canada: A Needs Assessment Marly Isen, Joyla Furlano, Laura Diachun, Jaspreet Bhangu
64	Virtual Supporting Healthy Ageing with Peer Education and Support (SHAPES) Anahat Juneja, Saima Rajabali, Adrian Wagg

CGS 2024 Annual Scientific Meeting

Posters

Poster #	Abstract
65	Drivers of COVID-19 Outbreaks Among Older Adults in Long-term Care Mehri Karimi-Dehkordi, Adrian Wagg, Heather Hanson, Jim Silvius
66	Future-Proofing the Interprofessional Geriatric Team: Enhancing Knowledge to Improve the Care of Older Adults Kelly Kay, Adam Morrison
67	The Effect of the COVID-19 Pandemic on Delirium Incidence in Ontario Long-Term Care Homes: A Retrospective Cohort Study Lydia Kennedy, John Hirdes, George Heckman, Samuel Searle, Caitlin McArthur
68	Exploring the Impact of a Curriculum-integrated Partnership Between HELP and Occupational and Physical Therapy Trainees Aisha Khan, Isabelle Lamontagne, Gina Mills, Crystal Garnett, Marie-Lyne Grenier, Cynthia Perlman, Zachary Boychuck, Patricia Belchior, Maxine Lithwick
69	Use of a Conversational Chatbot Within a Team-Based Primary Care Program for Older Adults Sheny Khera, Marjan Abbasi, Krista Brower, Kelly Parker
70	WITHDRAWN
71	Quality Improvement Evaluation of an Order Set in the Electronic Patient Record for Deprescribing Proton Pump Inhibitors (PPIs) in a Geriatric-Medicine Unit Alina Lalani, Eunice Loe
72	Person-centred Language for Responsive Behaviours Associated with Dementia: The Power of Words Barbara Liu, Deborah Brown, Alekhya Johnson, Melissa Macri, Mary-Lynn Peters, Julia Lee, Susan Telfer, David Ryan
73	Evidence-Informed Approach to De-Prescribing of Atypical Antipsychotics (AAP) in the Management of Behavioral Expressions (BE) in Advanced Neurocognitive Disorders (NCD): Results of a Retrospective Study. Atul Sunny Luthra
74	WITHDRAWN
75	WITHDRAWN
76	WITHDRAWN
77	Walking in Wet Pads: A Clinical Investigation on the Changes in Gait Variables Caused by Walking in Soaked Containment Products in Older Women Abdullahi Mohamed, Adrain Wagg, Saima Rajabali
78	Frontline Staff Perceptions of the BEside Reconditioning for Functional Improvements (BE-FIT) Patient-led Rehabilitation Program Sadaf Murad Kassam, Paula Horsley, Jess Nakaska, Rachel G. Khadaroo, Jude A. Spiers
79	Healthcare Providers' Perspectives on Using the Driving and Dementia Roadmap Gary Naglie, Mark J. Rapoport, Elaine Stasiulis

CGS 2024 Annual Scientific Meeting

Posters

Poster #	Abstract
80	Knowledge, Training, Skills, and Current Attitudes of Care Aides Providing Continence Care to Older Residents in Continuing Care: A Scoping Review Tran Nguyen, Adrian Wagg, Saima Rajabali, Megan Kennedy
81	WITHDRAWN
82	Supporting Older Indigenous People with Experiences of Homelessness in Calgary: Guidance from People with Lived Experience and Service Providers Lara Nixon, Carolyn Horwood, Katelyn Lucas, Mandi Gray, Artemissia Amber Bromley-Grier, Jes Annan, Rita Henderson
83	Responding to Older Adult Homelessness: Co-design and Evaluation of Therapeutic Recreation Programming in Harm Reduction Supportive Housing Lara Nixon, Kearah Darr, Megan Sampson, Fadzai Moreblessing Punungwe, Carolyn Horwood, Emma Mierau, Martina Kelly
84	A Cross-sectional Survey of Depression Screening Practices of Healthcare Workers in Eleven Residential Aged Care Facilities in Calgary, Alberta Florence Obianyor
85	Feasibility and Reliability of Chirp Artificial Intelligence Technology at Home Alexandra Papaioannou, Parthipan Siva, George Ioannidis, Isabel Rodrigues, Jonathan Adachi, Alexander Rabinovich, Rachel Swance, Suleman Tariq, Alexa Kouroukis, Carolyn Leckie, Andrea Lee, Patricia Hewston
86	iTrain my Brain: A Pilot Study Evaluating the Effects of Multiple-Object Tracking Training on Older Adults' Cognitive-Motor Dual-Task Performance Berkley Petersen, Karen ZH Li, Juliana Yaacoub, Christopher Ocampo, Eugenie Roudaia, Jocelyn Faubert
87	Factors Underlying Choice and Change of Continence Containment Products in Women with Urinary Incontinence Sarah Qureshi, Saima Rajabali, Adrian Wagg
88	Navigating Transgender Healthcare Training: An In-depth Analysis of Strengths and Weaknesses in Ontario Medical School Curricula for Aging Populations Jazmine Raine
89	Results of a Pilot Comprehensive Pulmonary Rehabilitation Program in Geriatric Patients from a Latin-American Hospital Gabriela Ramos, Edgar Blanco, Maria Estevez, Juan Ramos, Luis Dulcey, Jaime Gomez, Juan Gomez, Maria Ciliberti, Maria Amaya, Angie Lizcano, Maria Gomez, Juan Theran, Silvia Castillo, Diego Acevedo, Anderson Arias, Laura Gutierrez
90	Barriers and Facilitators to Pre-operative Comprehensive Geriatric Assessments of Older Adults Undergoing Surgery: A Semi-Structured Interview Study of Health Care Provider Perspectives Krista Reich, Shannon Ruzycki, Meghan Lee, Ariet Okuori, Paula Horsley, Stacey Hall, Greg Samis, Siddharth Shinde, Rohan Lall, Michelle Mah, Gloria Wilkinson, Deepa Acharya, Rachel Khadaroo, Adrian Wagg, Jayna Holroyd-Leduc, Zahra Goodarzi
91	Prioritization of Post-operative Outcomes from the Perspective of Health Care Providers: A Cross-Sectional Survey Krista Reich, Kenton Rommens, Shannon Ruzycki, Marsha MacDonald, Julie Young, Shereen Nessim, Zahra Goodarzi

CGS 2024 Annual Scientific Meeting

Posters

Poster #	Abstract
92	Predictors of Successful Inpatient Rehabilitation Among Frail Geriatric Patients: A Retrospective Chart Review Kamyar Sadigh Afshar, Karen K. Leung, Lesley Charles, Peter Tian, Jean Triscott
93	Identifying Pre-, Post-, and In-Hospital Utilization of Benzodiazepine Receptor Agonists in Older Adults Admitted to Alberta Acute Care Facilities (ID BZRA) Cheryl Sadowski, Alexi Yuzwenko, Jennifer Shiu, Yuan Dong, Tony Kiang, Frances Carr, Yvonne Jonk
94	Evaluation of Pharmacist Care Plans- Do They Reduce Benzodiazepine And Benzodiazepine-related Drug Use in Alberta? Cheryl Sadowski, Erin Saunders, Dean Eurich
95	Retrospective Chart Review to Assess Appropriate Prescribing of Medications: A Quality Improvement Educational Project Pooja Ravi Sankar, Aline Huynh, Samantha Yau, Thirumagal Yogaparan, Veronica See, Kiara Ramirez, Anna Berall, Jenny Moloney,
96	A Qualitative Study on Caregiver Stress amongst Immigrant Tamil Caregivers of Patients with Dementia (PWD) Thrmiga Sathiyamoorthy, Anicha Vickneswaran, jejociny consalas, Thirumagal Yogaparan
97	Feasibility, Reliability, and Validity of an Electronic Frailty Index Based on Comprehensive Geriatric Assessment (Efi-CGA) in Primary Care: A Prospective Cohort Study Of 100 Patients With 6-month Follow-up Xiaowei Song, Grace Park, Barry Clarke, Hilary Low, Jodie Penwarden, Kaitlin Harding, Sheeri Fay, Belinda Robinson, Kenneth Rockwood
98	Appropriate Antipsychotic Use in Older Adults: APS Preprinted Order Sets Hannah M Song, Brigette Hales, Romina Marchesano, Barbara Liu
99	A Metabolomics Analysis of a Novel Phenotype of Older Adults at Higher Risk of Dementia Munira Sultana, Frederico Pierucini-Faria, Manuel Montero Odasso, Mark Speechley, Richard Camicioli, Roger A. Dixon, Shawn Whitehead, Evgeniy Petrotchenko, Christoph H. Borchers
100	Reducing the Rates of Staphylococcus Aureus Bacteremia in the Medicine of Elderly Directorate Gokulan Suthermaraj, Molly Brewster, Deepa Rangar, Anusha Bandikatte, Jade Kiersten, Jin Yong
101	Assessing the Content and Usability of an Online Health Information Resource for Care Partners and Health Care Providers Nick Ubels, Lauren Albrecht, Esther Koh, David Conn
102	PTSD in Tamil Older Adults with Dementia Dhiviyam Valentine, Ann Peter, Raza Naqvi
103	Building Awareness and Skills to Meet More Culturally Diverse End-of Life Preferences Among Dying People and their Families Across Canada Donna Wilson, Jean Triscott, Brooklyn Grainger
104	Acceptance of Artificial Intelligence-Enabled Technology for Caregiving: Insights from a Survey of Family Caregivers Amanda Yee, Mark Yaffe, Tibor Schuster, Sylvie Lambert, Samira Rahimi
105	Delirium Quality Standard Implementation: An Interdisciplinary Quality Improvement Project- Gap Analysis Survey Thirumagal Yogaparan, Shelley Veinish, Jenny Molony, Samantha Yau, Anna Berall, Stephanie Grenier, on behalf of Baycrest Delirium Working group
106	Safety of Cannabis Products in Rheumatology Patients Susan Zhang, Samuel Lowe, Frank Sun, Allyson Jones, Tarek Turk, Joanne Olson, Pauline Paul, Shelby Yamamoto, Linda Kolewaski, Elaine Yacyshyn, Cheryl A. Sadowski

Disclaimer: Speaker opinions and presentations are their own and not necessarily supported by CGS

THANK YOU TO OUR SPONSORS

This program has received an educational grant or in-kind support from the following:

PLATINUM



GOLD



SILVER



SUPPORTER

EXHIBITOR





Let's go further. Together.

As a physician, your financial journey is unique – and the support you get should be too. Whether you've just been accepted to medical school or you're getting ready to retire, we can provide advice and solutions to support you.



Scan to learn more about how we help physicians go further.

® Registered trademark of The Bank of Nova Scotia. MD Financial Management provides financial products and services, the MD Family of Funds and investment counselling services through the MD Group of Companies and Scotia Wealth Insurance Services Inc. For a detailed list of the MD Group of Companies visit md.ca and visit scotiawealthmanagement.com for more information on Scotia Wealth Insurance Services Inc. Banking and credit products and services are offered by The Bank of Nova Scotia ("Scotiabank"). Credit and lending products are subject to credit approval by Scotiabank. All offers, rates, fees, features, reward programs and benefits and related terms and conditions are subject to change.

