Embracing a bold future and inspiring exponential change

Participants are invited to seize the future to effect change and drive meaningful impact in health during this keynote presentation - delivered live via hologram. With the premise that there is no challenge that cannot be overcome, this session sets the stage for all participants to embrace the future and take hold of the opportunities created by innovative thinking.

In this session participants will:

- Identify exponential technologies, incentivized innovation and opportunities - during significant disruption - to dramatically facilitate best of care.
- Transform scarcity into abundance by harnessing a range of powerful technologies, such as synthetic biology, embedded networks and cloud computing, Artificial Intelligence (AI) and robotics, biotechnology and medicine to improve the quality of care.
- Demonstrate how the rapid growth of key exponential technologies (Nano, Info, Bio) are empowering health care providers to do what only governments were able to achieve only a few decades ago.

9:30am – 10am
Grand Central
All participants

Drop by Grand Central and continue the conversation from the main stage with speakers and other participants, who will showcase innovations in health and medicine.

Share your ideas, challenge questions, and forge meaningful and lasting connections with all participants to spark unprecedented changes and shape the future landscape of health and medicine in Canada.

Participants will:

- Appraise and critique Canadian innovations shaping the future of health and medicine from community settings, hospitals, and innovation and research centres.
- Discover innovative technologies and approaches, and how these are applied in various health care settings.
- Identify next steps and potential actions with participants to advance key takeaways from the sessions.
- [https://cmahealthsummit.ca/grand-central/](https://cmahealthsummit.ca/grand-central/)
**10am - 11:15am**  
**Panel discussion**  
Senator. Kelvin Ogilvie  
Philip Edgcumbe  
Zayna Khaya

**Adopting innovation in health at scale: What is holding us back?**

Panelists will explore the key issues preventing Canada from adopting new innovations in the health care field. A session on how to move beyond the “land of pilot projects”; to scale up and spread successful innovations across healthcare systems.

In this session participants will:

- Describe key issues preventing Canada from adopting new innovations in the health care field.
- Evaluate opportunities for how Canada can move beyond the “land of pilot projects”, to scale up and spread successful innovations across healthcare systems.
- Analyze real-world examples of how change has happened both in Canada and internationally and how barriers were overcome.
- Analyze how the conditions for exponential thinking and change can be created in Canadian healthcare.

**11:15am - 12:30pm**  
**Panel discussion**  
Dr. Yanick Beaulieu  
Lindee David  
Dr. Sonny Kohli  
Scott Livingstone

**Collaboration that leads to innovative practices in care delivery**

Panelists will discuss the power of collaboration - from the point of view of government, health care institutions and business - and how to scale innovation to improve patient care. Physician entrepreneurs will also share personal stories on how collaboration helped them build national and international humanitarian efforts.

In this session participants will:

- Demonstrate the power of collaboration to realize real system level change in healthcare.
- Outline the compelling case for change and the growing need for emerging technologies, such as augmented reality and virtual reality, in the medical field (surgical simulations, diagnostic imaging, patient care management, rehabilitation and health management etc.).
- Assess and critique the necessary and fundamental steps to drive adoption in hospitals for physician-led technological innovations.
- Illustrate the steps to navigate the process and identify key stakeholders in the process from government, health care institutions, private business and physician adopters.

**1:30pm - 2:30pm**  
**Table for two**  
Dr. Arika Lafontaine  
Cindy Blackstock

**Empowering better care for Indigenous Peoples**

Panelists will explore novel solutions and approaches to advance Indigenous health and health care in Canada.

In this session participants will:

- Describe the inequities in health and social services that Canada’s Indigenous children experience and the opportunities to ameliorate them.
- Identify practical strategies to close the health status gap between Indigenous and non-Indigenous Peoples in Canada.
• Assess the potential for new approaches such as virtual care to improve access to health care for Indigenous Peoples in remote communities.

2:30pm - 3:45pm
Open Dialogue
All participants

Health Innovation
In this participant-driven session, health innovation takes centre stage. Come prepared to bring your perspectives and critical questions, as the outcomes of this session will inform the CMA’s policy paper on innovation.

In this session participants will:
• Describe specific examples where innovation and technology could generate exponential improvements to Canada’s Health care system.

August 21

8:45am - 9am
Keynote
Judith John

Shaping the future of patient empowerment
The voice of patients is paramount in defining a better health future for all Canadians. How should we leverage innovation to foster patient-centred care and recognize patients as partners in care?

In this session participants will:
• Identify the common barriers and alienating practices that dramatically impact the patient experience.
• Describe both the challenges and opportunities in expanding the use of technology related to patients and their families.
• Create an environment for partnering with patients that draws on rapid transformation and age-old principles of care.

9am - 10am
Table for Two
Dr. Chaitanya Dahagam
Dr. Gigi Osler

Augmented Intelligence in Clinical Care
Learn how cognitive systems are supporting clinicians in research, treatment recommendations and patient monitoring. How are physicians responding to the impact of augmented intelligence in their clinical setting? Explore these questions and others during this session.

In this session participants will:
• Explain how Augmented Intelligence (AI) is being used to support clinicians in research and patient care.
• Appraise and evaluate the impact of AI on physicians and their current practices.
• Anticipate some of the ways that AI could be used in your practice to reduce administrative burdens and enhance patient care.
10am – 10:30am
Grand Central
All participants

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10:30am - 11:45am
Panel discussion
Dr. Tara Kiran
Dr. Kendall Ho
Dawnmarie Harriott
Dr. Kevin Pottie

Innovative approaches to improve access and reduce health inequalities

Panelists will discuss new and inclusive approaches to improving the health needs of vulnerable population groups, including immigrants, youth, and the homeless/vulnerably housed, as well as bridging the gap between hospital and community care.

In this session participants will:
- Contrast the differing and emerging health care needs of a range of vulnerable population groups
- Analyze new and inclusive approaches to meeting their health and health care needs
- Describe innovative strategies to bridge the gap between hospital and community care
- Assess how these strategies can be applied in your practice

1pm - 2pm
Fireside chat
Dr. Peter Vaughn
Aranka Anema
Jennifer Zelmer (moderator)

Health data – revolution or evolution

Hear the experts explore the potential for big data in the health field. How can big data be used to design tailored treatments that are more effective, and enable patients to better manage their health and health care? How can big data improve the delivery of health services in Canada?

In this session participants will:
- Understand how digital health technology will disrupt the status quo in the delivery of health care.
- Evaluate opportunities for real-time information and "big data" analytics to improve the timeliness and effectiveness of health care.
- Analyze how emerging information technologies will enable patients to protect their privacy and exert control over their personal health information.
2pm - 3:15pm
Open Dialogue session
All participants

Taking hold of the real issues that matter in health and health care
Help inform CMA’s future advocacy focus, and build a vibrant profession and healthy population. Share your insights and ideas in breakout discussions about the key issues that will shape health and health care over the next decade.

In this session, participants will:
- Expand on current health care issues as identified by their colleague physicians.
- Analyze and decipher challenges and opportunities.
- Recommend strategic and policy direction on various areas related to health care and the practice of medicine.
- Demonstrate professional leadership skills related to communications in the areas of public speaking, consultation and negotiations and consensus building.
- Rate and prioritize issues and causes (via crowdsourcing method).

August 22

10:35am - 11:45am
Panel Discussion
Moderator: Dr. Tim Holland, Chair of Ethics Committee
Panelists: Dr. Atul Kapur, Dr. Eric Wasylenkio, Dr. Justin Hall, Dr. Carole Williams, Dr. Julie Richer

A Code of Ethics and Professionalism for today’s medical profession:
The CMA Code of Ethics, first published in 1868, remains arguably the most important document produced by the CMA. It has a long and distinguished history of guiding the ethical practice of medicine. In early 2017, the CMA undertook a substantive revision of the Code to reaffirm the core values and commitments of the medical profession and outline professional responsibilities related to contemporary medical practice. Panelists will describe and build on findings stemming from extensive research and consultation that have been conducted for the past 18 months to inform the revision of the Code. The session will be another opportunity to provide further input.

In this session participants will:
- Examine new and emerging standards of ethical practice of medicine.
- Analyze and build on findings from CMA activities on the revision of the Code of Ethics.
- Inform the development of the final drafting of the new CMA Code of Ethics.