



**CHIEF**<sup>TM</sup>

FALL  
SYMPOSIUM  
2019

OCTOBER 21 + 22, 2019  
BEANFIELD CENTRE +  
STEAM WHISTLE ROUNDHOUSE

# CHIEF

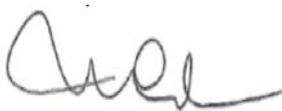
Canada's Health Informatics Executive Forum (CHIEF) is an interactive, trusted environment for senior professionals and leaders in digital health and healthcare. CHIEF Members collaborate, exchange best practices, address professional development needs, and offer their expertise in setting the agenda for the effective use of information and technology to improve health and healthcare in Canada.



## Welcome to the CHIEF Fall Symposium 2019.

Alongside our CHIEF Advisory Committee, I am looking forward to an insightful and productive CHIEF Executive Forum meeting with leaders from across Canada. The next two days will focus on how data is driving transformation in healthcare systems from a jurisdictional, national, and global perspective. Leaders from varied jurisdictions and from other industries will share their experiences in implementing data initiatives to drive change, providing CHIEF members with thought leadership, ideas, and insights. In addition, we will collaborate in the breakout session to start the process of creating a collective business case template that our members can use to move their data initiatives forward within their organizations.

The semi-annual symposium is the CHIEF Executive Forum raison d'être—a safe and open environment where digital health leaders tackle the big topics and work toward solutions to the challenges of delivering quality healthcare in a digital world. Take this time as an opportunity to connect, be inspired, and learn. Though this session I hope we will have greater clarity and a strengthened vision for setting the agenda for the effective use of information and technology to improve health and healthcare in Canada.



Mark Casselman  
Digital Health Canada

## MONDAY, OCTOBER 21

### BEANFIELD CENTRE ROOM 201BC

9-4:30 CONFERENCE **Driving the Future of Digital Health**

5:15pm REGISTRATION + NETWORKING

Catch up with old friends and spark new contacts as you share stories, priorities and challenges while networking over pre-dinner refreshment.

6pm KICKOFF DINNER **Beanfield Centre Room 201BC**

7:30pm KEYNOTE **Insights from outside the industry: Launching AI in an 80-year-old company**

*Richard Hines, Head of Data & Artificial intelligence, Air Canada*

## TUESDAY, OCTOBER 22

### STEAMWHISTLE ROUNDHOUSE PILSNER HALL

7:45am **Registration and Breakfast**

8:30am **Welcome and Setting the Stage** *Mark Casselman, Digital Health Canada*

8:45am PANEL DISCUSSION **Global Insights: Role Models from Abroad and Opportunities for Canadian Leadership - How is data driving transformation globally in health care systems? What is Canada's opportunity to lead?**

*Panel: Sarah Muttitt, CIO, SickKids (speaking on her experience as CIO, Ministry of Health Holdings, Singapore); Chris Suter, Head of Digital Cloud Platforms and Innovation, NHS Business Services Authority; Andrea Smith, Director, Health Data Partnerships – Vector Institute. Moderator: Dave Wattling, President & CEO Wattling Group Inc.*

Canadian leaders are increasingly focused on using data to inform health system integration. Data driven health organizations are building key capabilities using internal and external data to achieve the quadruple aim. Across the globe, international health systems are pursuing similar endpoints and have learned, failed, and succeeded as they set out to transform their own health systems and Canada is identifying opportunities for leadership in the international community. This panel will provide “global perspectives”, guidance, and provoke leadership conversation among CHIEF members aiming to use data to address challenges and bring the best of Canada to the world.

10:15am **Break**

10:45am **PRESENTATION Data-driven care for individuals & populations**

*Taha A. Kass-Hout, MD, MS, senior leader at Amazon focusing on health care and AI-related initiatives, including Amazon Comprehend Medical*

Healthcare providers around the globe are using AWS to deliver improved care to their patients. Learn first-hand how the world is adapting to change as well as the evolving trends across the healthcare ecosystem. Hear how the AWS cloud is enabling our global customers with the toolsets to leverage powerful new analytics capabilities, machine learning, and AI to drive health system transformation.

11:45am **UPDATE CHIME-CHIEF Partnership  
OVERVIEW Learning Management System**

12pm **Lunch**

1:15pm **BREAK-OUT SESSION Building the Business Case for Data**

In this discussion and breakout session CHIEF members will compare insights and experiences to build a collective business case for data that can be shared with stakeholders to move their data initiatives and projects forward. Key requirements of the document, standard elements and tools will be identified. A CHIEF task force will be struck after the symposium to develop the tools and template. The business case template and toolkit will identify how to use internal and external data to deliver value, any current and upcoming challenges and opportunities, and potential areas of investment. The CHIEF business case for data toolkit may include a formatted document (booklet), readiness assessment, questionnaires, and standardized content for inclusion in a customized business case.

2:15pm **SPEAKER SERIES Data Security: Cyber Learnings**  
*Gaston Roy, Chief Information + Privacy Officer, Health Sciences North*

3pm **Break**

3:30pm **DISCUSSION Role Models from Within: A Provincial Tête-à-Tête**  
*Michael Hillmer, Executive Director, Information Management, Data and Analytics, Ontario Ministry of Health and Long-Term Care; Larry Svenson, Provincial Health Analytics Officer, Alberta Health. Moderator: Kyle Schilke, Amazon Web Services*  
How is data driving transformation in provincial health care systems? A discussion of what has worked and what can be learned from the things that haven't.

4:45pm **Closing Remarks** *Mark Casselman, Digital Health Canada*

5pm **Closing Reception**

## PRESENTERS

**Richard Hines** is the Head of Data & Artificial Intelligence for Air Canada. In addition to his role at Air Canada, he is a member of MIT's Data Research Advisory Board, the Business Council of Canada's Corporate Innovator's Network, and McGill University's Advisory Board for their Master's in Analytics program.



**Dr. Sarah Muttitt, MD, FRCPC, MBA** received her MD from the University of Alberta and completed her pediatric residency and neonatal fellowship at SickKids. She went on to become a Staff Neonatologist and Assistant Professor in the Department of Pediatrics at the University of Alberta. After completing her MBA at the Ivey Business School at the University of Western Ontario in 1999, Sarah began her career in eHealth. She consulted on telehealth initiatives across Canada and the US and served as Director of MBTelehealth, the provincial telehealth network for Manitoba. In 2004, she joined Canada Health Infoway, and, as Vice-President, Innovation and Adoption, championed the adoption and value realization of electronic health information systems across Canada. Dr. Muttitt became the Chief Information Officer for Singapore's Ministry of Health in December 2007, responsible for the delivery of the national electronic health record and the strategic alignment of health IT initiatives to address emerging health care challenges and priorities. After returning to Canada, Sarah joined Alberta Health Services to lead the Provincial CIS Program and was appointed CMIO in October 2013. In this role, she led clinical informatics, health information management and the procurement of a province-wide clinical information system. In July 2015, she was appointed VP, Information Management and Technology and CIO at the Hospital for Sick Children in Toronto.



**Chris Suter** is the Head of Digital Platforms and Innovation for all Digital, Insight and Technology Solutions at the NHS Business Services Authority. He joined in February 2017 as the Lead DevOps Engineer and since then he has defined and delivered the NHSBSA Cloud Platforms which currently delivers services internally and UK Citizen facing using a continuous development continuous delivery process. After Studying Computer Networking at Sheffield Hallam University in England, he expanded his experience and qualifications as an IT Professional working for TH\_NK Ltd. A Digital Agency working within the digital services and media sector for over 10 years. He is experienced with managing a DevSecOps, Platform teams and architecting cloud platforms working with clients such as the BBC, Warner Brothers, Sony, Toyota, Vue Cinemas, Formica, Atom Bank and Pottermore to name a few.



**Andrea Smith** is the Director, Health Data Partnerships at the Vector Institute for artificial intelligence. Her work at Vector is focused on collaborating with health data stakeholders to increase access to analysis-ready data for Vector's world-class machine learning researchers. A principle focus has been working with key partners to establish high performance computing infrastructure to enable machine learning researchers to work with population-level health data sets. Prior to joining Vector, Andrea worked with the Canadian Institutes of Health Research (CIHR) as the Manager, Major Initiatives where she was responsible for oversight and project management of a number of CIHR's large-scale research investments. She received her Bachelors in Political Science and International Trade and is currently completing a Master of Health Informatics, both from the University of Waterloo.



**Taha A. Kass-Hout, MD, MS**, is a trailblazer, with a successful track record over the past two decades innovating on behalf of consumers and pioneering in healthcare and life sciences, precision medicine and artificial intelligence. A physician and bioinformatician, whose signature includes building scalable products and agile teams. Taha is a General Manager, Healthcare and AI, and Chief Medical Officer at Amazon focusing on healthcare and AI-related initiatives, including Amazon Comprehend Medical, Amazon's first health care-specific machine learning service offered by AWS. Prior to joining Amazon, Taha was a public servant in the US Federal Government (2009-2016) bringing about change through his role as the first Chief Health Informatics Officer for US FDA (2013-2016), where he created openFDA and precisionFDA, part of President Obama's 2015 Precision Medicine Initiative. Both efforts were referenced in the 2015 White House Strategy for American Innovation, and precisionFDA was awarded the top prize at the 2016 Bio-IT World Best Practices. Additionally, Taha spearheaded groundbreaking programs at the US CDC for electronic disease surveillance (2009-2013), including the quick disease surveillance scale-up during the H1N1 influenza pandemic taking it from less than 6% to >90% coverage of the US population ahead of the 2nd wave of the pandemic. During his one year transition from the US Federal Government, Taha served as SVP and Chief Digital Health and Analytics Officer at Trinity Health (2016-2017), one of the leaders in value-based health care systems in the US, and led the development of the American Heart Association Precision Medicine initiative. Taha received his medical training at Beth Israel Deaconess Medical Center, Harvard Medical School, and during his time there, was part of the BOAT clinical trial. He holds a Doctor of Medicine and Master of Science (Bioinformatics) from the University of Texas Health Science Center at Houston.



As chief information and privacy officer for Health Sciences North, **Gaston Roy** oversees a 20 million dollar operating budget with a staff of over a hundred. Part of his portfolio includes Informatics, Technology Services, Security and Privacy Offices, Telecommunications, Business Intelligence, Registration and Project Management. HSN IT is contracted to supply local, regional and provincial services across 3 LHINs and hosts data across 75 health information custodians.



**Michael Hillmer** is Assistant Deputy Minister of the Capacity Planning and Analytics Division of the Ministry of Health and has been part of the Ontario Public Service since 2007. In this role, he is responsible for ensuring the data and analytic needs of the health system are met; ultimately, this part of his portfolio is responsible for delivering insights into the hands of decision makers. Michael is also responsible for the development and implementation of ongoing strategic, coordinated approaches to health workforce planning to ensure the right size, mix and distribution of health care providers – now and in the future. Michael's academic background includes graduate degrees from the University of Toronto, and a BSc from Carleton University.



**Larry Svenson** is the Provincial Health Analytics Officer and Executive Director for Analytics and Performance Reporting at Alberta Health. He is responsible for working with internal and external stakeholders to strengthen the analytic capacity of Alberta's health sector, and the promotion of a data driven culture. Larry is also an Associate Professor with the Division of Preventive Medicine at the University of Alberta, and holds Adjunct Professor appointments with the University of Alberta School of Public Health and University of Calgary Cumming School of Medicine. He holds a PhD from Manchester Metropolitan University and was elected a Fellow of the Royal Society for Public Health in 2016. He brings over 25 years of experience in the use of administrative health data for health policy development and evaluation, and is a strong advocate for open data initiatives.





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Digital Health Canada connects, inspires, and educates the digital health professionals creating the future of health in Canada. Our members are a diverse community of accomplished, influential professionals working to make a difference in advancing healthcare through information and technology. Digital Health Canada fosters network growth and connection; brings together ideas from multiple segments for incubation and advocacy; supports members through professional development at the individual and organizational level; and advocates for the Canadian digital health industry.

Visit [digitalhealthcanada.com](https://digitalhealthcanada.com) for more information.