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Ontario Update 2016

April 4 2016

**Courtyard by Marriott Downtown Toronto
475 Yonge Street, Toronto, ON**

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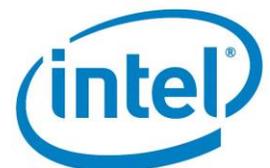
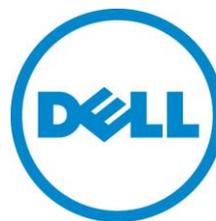
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AGENDA FOR THE DAY

8:00 – 9:15 am	Registration and Breakfast	The Courtyard Foyer
9:15 – 9:30 am	Welcome	
9:30 – 10:30 am	Concurrent Sessions 1	
Session 1 A	Cynthia Morton, eHealth Ontario	The Courtyard Hall
Session 1 B	Dennis Giokas, Canada Health Infoway	Spadina Room
Session 1 C	Michael Stewart, Ministry of Health and Long-Term Care	Alexander Room
10:30 – 11:00 am	Networking Break	
11:00 – 11:45 am	Morning Session Dr. Bob Bell, Deputy Minister of Health and Long-Term Care	The Courtyard Hall
11:45 am – 12:45 pm	Concurrent Sessions 2	
Session 2 A	Dr. Ed Brown, Ontario Telemedicine Network	The Courtyard Hall
Session 2 B	Irene Blais, Cancer Care Ontario	Spadina Room
Session 2 C	Brent Diverty, Canadian Institute for Health Information	Alexander Room
12:45 – 1:45 pm	Lunch Break	The Courtyard Foyer
1:45 – 2:45 pm	Afternoon Analytics 1 James Gaston, HIMSS Analytics	The Courtyard Hall
2:45 – 3:45 pm	Analytics Use Cases Dr. Karim Keshavjee, Family Physician, InfoClin Jocelyn Kohlmaier, Niagara Health System Kurt Rose, Sunnybrook Hospital Centre	The Courtyard Hall
3:45 – 4:45 pm	Afternoon Analytics 2 James Gaston, HIMSS Analytics	The Courtyard Hall
4:45 – 5:00 pm	Closing Comments Mark Casselman	The Courtyard Hall
5:00 – 6:00 pm	Reception	Wood Room

SPEAKER BIOS AND TOPICS



Concurrent 1A: 9:30 -10:30 AM

Room: Courtyard Hall

Topic: Why EHRs matter to health care in Ontario

Cynthia Morton

Chief Executive Officer

eHealth Ontario

Session:

Discover how Ontario's electronic health records (EHRs) provide clinical value today. Topics featured include how:

- Access to EHRs in primary, acute, and community care settings is improving
- The amount of data now available in EHRs has increased
- Health care information is being connected to create a safe, cost-effective, provincially-integrated EHRs.

EHRs are about clinicians, patients and data. What it comes down to is clinicians being able to connect electronically to patient health care data to provide better care. Find out how EHRs have evolved to meet the needs of Ontarians today, and what's in store for 2016 and beyond.

Bio:

Cynthia Morton is the Chief Executive Officer of eHealth Ontario. Hired in September, 2014, Cynthia is responsible for implementing an electronic health record system for the province of Ontario. Cynthia has an extensive background in the Ontario public service, most recently as the Deputy Minister of Labour. Prior to that, she served as Deputy Minister of the Ministry of Health Promotion. Cynthia also served as Deputy Minister of the Ministries of Attorney General, Education and Labour in British Columbia. A graduate of Osgoode Hall Law School, Cynthia practiced law before joining the public service as Senior-Vice President and General Counsel of the Workplace Safety and Insurance Board.



Concurrent 1B: 9:30 – 10:30 AM

Room: Spadina Room

Topic: Health Analytics as part of the Digital Health Agenda

Dennis Giokas

Chief Technology Officer

Canada Health Infoway

Session:

The broader deployment of digital health solutions creates new opportunities to use and re-use the data that is being generated. Health Analytics is one very important innovative technology that can turn data into insights for the benefit of users making data-informed decisions.

In order for organizations to successfully apply health analytics stakeholders need to:

- 1) Understand the potential uses, approaches and resulting value propositions;
- 2) Align health analytics with the organization's business strategy and digital health roadmap;
- 3) Understand how health analytics can be integrated into and leverage existing EHR, EMR and HIS investments along with new digital health investments; and
- 4) Assess and plan using a health analytics maturity model.

Canada Health Infoway has recently completed a health analytics white paper and Blueprint. This presentation will present an overview of the findings and key messages from those two initiatives.

The presentation will provide:

- Practical approaches to aligning health analytics to the business strategy and digital health agenda;
- Practical considerations for designing, implementing and operating health analytics solutions in the digital health ecosystem;
- Present examples of case studies highlighting the deployment considerations, benefits realized and lessons learned from the use of analytics; and
- Discuss and share insights and guidance on the way forward from health analytics leaders around increasing health analytics maturity across data, governance, culture, and IT infrastructure and skills.

Bio:

Dennis Giokas is Chief Technology Officer for Infoway and heads up the Innovation Ecosystem Group. The group is chartered with establishing the vision, thought leadership and investment in digital health ecosystems and solutions in new areas of opportunity.

Dennis is responsible for seven corporate priorities: the innovation program, the digital health Blueprints, the health analytics agenda, privacy and security, Health and Hospital Information Systems program, advice on innovative and disruptive health information technology, and certification services. In his corporate role as CTO, Dennis oversees the technical aspects of Infoway's digital health investment areas as well as the tracking, evaluation and promotion of enabling technologies and solutions.

As well, Dennis has served as a board director of COACH, Canada's Health Informatics Association, and HL7 International Inc. He is the past chair and Canada's representative to the SNOMED International General Assembly. He holds two patents for software innovations and has one industrial design patent. He has a Master of Science in Computer Science degree from Boston University.



Concurrent Session 1C: 9:30 – 10:30 AM

Room: Alexander Room

Topic: How Analytics can support Health System Funding Reform (HSFR)

Michael Stewart

**Director of the Clinical Support Branch
Ministry of Health and Long-Term Care**

Session:

Review and evaluation of HSFR to date to enable enhanced deployment of QBPs to improve patient care and patient outcomes. Introducing the provincial availability of QBP validated Digital Order Sets to assist implementation of QBPs and the use of the additional analytics available from Digital Order Sets to provide better Clinical Decision Support for patient care delivery.

Bio:

Michael Stewart is the Director of the Clinical Support Branch at the Ministry of Health and Long-Term Care. As part of Ontario's Health System Funding Reform (HSFR) strategy, Michael provides strategic direction on the province's shift towards a case mix reimbursement model that better reflects the types of patients treated, quality of services provided and aligns quality with funding. Michael is an integral player in accelerating the *Patients First: Action Plan for Health Care*, the next phase of Ontario's plan for changing and improving Ontario's health system, through leading the identification, development and implementation of Quality-Based Procedures from both a clinical and technical lens. His work entails clinical innovation support activities including developing tools to drive changes to clinical practice, providing oversight over decision support and knowledge translation to strengthen hospital readiness, quality audits and use of information.



Morning Speaker: 11:00 - 11:45 AM

Room: Courtyard Hall

Dr. Bob Bell

Deputy Minister of Health and Long-Term Care

Session:

Dr. Bell will provide a summary of 2015 activity within the Ministry of Health and Long-Term Care, plans for 2016 as well as an update on health care transformation underway in Ontario. This session will highlight the strategic role for health technology and innovation within a transformation agenda.

Bio:

Dr. Robert Bell was appointed Deputy Minister of Health and Long-Term Care, effective June 2, 2014. Prior to this role, he served as President and Chief Executive Officer of the University Health Network for nine years. He was previously the Chief Operating Officer at Princess Margaret Hospital and Chair of both Cancer Care Ontario's Clinical Council and the Cancer Quality Council of Ontario.

Dr. Bell received his Doctor of Medicine from McGill University and a Master of Science from the University of Toronto. He also completed a Fellowship in Orthopaedic Oncology at Massachusetts General Hospital and Harvard University. Dr. Bell is a Fellow of the Royal College of Physicians and Surgeons of Canada, the American College of Surgeons and an Honorary Fellow of the Royal College of Surgeons of Edinburgh. An internationally recognized orthopedic surgeon, health care executive, clinician-scientist, and educator, Dr. Bell brings more than 30 years of health care experience to his current role.



Concurrent Session 2A: 11:45AM - 12:45 PM

Room: Courtyard Hall

Topic: The Future of Health Care

Dr. Ed Brown

Chief Executive Officer

Ontario Telemedicine Network

Session:

While the Ontario Telemedicine Network has been supporting the growth of virtual health care in Ontario for nearly a decade, it is only in the past two years that we have begun to see hints of the exponential progress to come. Ultimately, we are heading towards a health care system where more health care will be provided virtually than in person. Powered by new telemedicine applications - coupled with health provider innovation and health system transformation - we are seeing unprecedented opportunities to create a better, patient-centered health care system at a cost we can afford.

Over the past two years, OTN has launched new online software-based services that leverage well established lower cost technology and network capabilities. And in the very near future it is OTN's intent is to collaborate in the development of new technology-enabled care delivery models that can scale provincially to support health system structure and policy changes. This work will require extensive collaboration with health system leaders, vendors and policy makers if it is to be successful.

Bio:

Dr. Ed Brown is a founder and Chief Executive Officer of the Ontario Telemedicine Network (OTN), one of the largest and most active integrated telemedicine networks in the world. Dr. Brown has won numerous awards for his work in Telemedicine, including most recently, a Queen Elizabeth II Diamond Jubilee Award for his contributions to health care in Canada. In 2010, he was chosen as one of 25 Living Transformational Canadians by a national media panel sponsored by the Globe and Mail, CTV and Le Presse. He currently sits on the board of OntarioMD and is the past President of the American Telemedicine Association.

An emergency physician who studied mathematics and engineering before embarking on his medical career, Dr. Brown is a passionate advocate for telemedicine as a tool to improve access to care, quality of care and the sustainability of health care systems.



Concurrent Session 2B: 11:45 AM - 12:45 PM

Room: Spadina Room

Topic: Analytics...Enabling the Agenda for Quality with Funding and Performance Levers

Irene Blais

Director, Funding Unit

Cancer Care Ontario

Session:

Cancer Care Ontario (CCO) -- an Ontario government agency -- drives quality and continuous improvement in disease prevention and screening, the delivery of care and the patient experience, for cancer, chronic kidney disease and access to care for key health services. Known for its innovation and results driven approaches, CCO leads multi-year system planning, contracts for services with hospitals and providers, develops and deploys information systems, establishes guidelines and standards and tracks performance targets to ensure system-wide improvements in cancer, chronic kidney disease and access to care.

Ontario initiated the Health System Funding Reform (HSFR) in 2012. The goal of HSFR was to drive a more sustainable health system based on quality. One component of HSFR is Quality Based Procedures (QBPs). In collaboration with the Ministry of Health and Long-Term Care and various Clinical Expert Panels and committees, CCO is currently managing 4 QBPs and a number of non-QBP funding initiatives. Leveraging an extensive asset in health information, CCO is well poised to enable the agenda for quality and continuous improvement with funding and performance levers.

One key goal of CCO's corporate strategy is to maximize the value of care delivered in health systems by measuring and improving the use of resources. This goal is also linked to the Ontario Cancer Plan IV and the Ontario Renal Plan II. Analytics is the key to the execution of these goals -- through data analytics, information is leveraged to measure and monitor quality in order to enhance quality and continuous improvement through funding and ongoing performance management.

Bio:

Irene joined Cancer Care Ontario (CCO) in 2012 after fourteen years in various hospital leadership roles. In her role at CCO, Irene is the Director of the Funding Unit responsible for the development and implementation of new patient-based funding frameworks and operational support for chronic kidney disease, cancer screening and cancer treatment. She has been a Certified General Accountant since 1989 and completed an MBA through the Ivey School of Business at Western University in London, Ontario. She has co-authored a number of papers including 'Understanding the Episode of Care for Transplant Patients', winner of the Innovation Award at the 2011 Patient Classification Systems International (PCSI) conference.

She has been a member and chair of various funding and benchmarking initiatives provincially and nationally including the Health System Funding Reform Hospital Advisory Committee and sub-committees, the Ontario Joint Policy and Planning Committee (JPPC), the Canadian Case Costing User Group, the Ontario Provincial Council for Maternal and Child Health (PCMCH) and the Canadian Association of Paediatric Health Centres - Decision Support Network (CAPHC-CPDSN).



Concurrent Session 2C: 11:45 AM - 12:45 PM

Room: Alexander Room

Topic: Health Analytics: "But wait, there's more...."

Brent Diverty

Vice President, Programs

Canadian Institute for Health Information

Session:

E-health solutions allow the creation and collection of data naturally as part of the care process. This enables relevant clinical information to be more easily shared within the circle of care, including opportunities to support point-of-care decision-making through analytics. The exact same data can--and is--being re-used for program and health system management, policy making, population health surveillance and health research. We call this "health system use" of data. The re-use of data in this way reinforces the health care Triple Aim: better outcomes and experiences for patients, and more efficient care.

CIHI has a unique Pan-Canadian mandate and vantage point. We provide leadership in health analytics for system use to help users get more out of digital clinical data. Using this experience, this presentation will:

- feature innovations in "system use" of health data that go beyond patient-level health analytics;
- explore the value of health analytics for different user groups--including national and provincial organizations, health system leaders, policy makers, clinicians, the technology sector and the research community;
- highlight the roles each of the key groups has in supporting health analytics; and,
- discuss strategies to derive even more value from health analytics for our health systems.

Bio:

Brent Diverty is the Vice President of Programs at the Canadian Institute for Health Information (CIHI). In this role, Mr. Diverty oversees CIHI's extensive data holdings, which span the continuum of health care services and also contain related financial, pharmaceutical and workforce data. His team produces a number of information products that flow from CIHI's data holdings, including clinical and financial indicators, annual reports, Case Mix tools and funding models. Mr. Diverty also has executive responsibility for CIHI's strategic data initiatives, including work and partnerships to advance new data acquisitions, linkages, and access and health system use of data.

Through a 20+ year career that has included roles at CIHI, Statistics Canada and in management consulting, Mr. Diverty has worked on both the supply and demand sides of data and information. He holds an MA in economics from McMaster University, with a specialization in health.



Analytics 1: 1:45 - 2:45 PM

Room: Courtyard Hall

Topic: Adoption Model for Analytics Maturity

James E. Gaston

Senior Director, Model Development

HIMSS Analytics

Session:

Mr. Gaston will share his expertise about analytics maturity model structures and achievement measurement. His key focus areas will be data content, infrastructure, data governance, analytics maturation, details of model stages in terms of focus areas, how to measure achievement and identifying opportunity and refining an analytics strategy.

Bio:

Mr. James E. Gaston, MBA, FHIMSS, has been working in healthcare information technology for over 25 years with experience in hospital, healthcare insurance, vendor, and consulting services. Mr. Gaston is an expert in healthcare analytics providing education and industry insight through a variety of forums. He also manages the globally oriented continuity of care maturity model and serves as an expert resource for HIMSS worldwide. As Senior Director of Maturity Models with HIMSS Analytics Mr. Gaston coalesces industry insights into practical guides healthcare organizations can use to chart their analytics, at risk payment, and continuity of care strategies.

Mr. Gaston has a Master's in Business Administration and a Bachelor's of Science degree in Computer Science Engineering, is a HIMSS Fellow, and is an instructor for the American College of Healthcare Executives.



Analytics Use Case Panel: 2:45 - 3:45 PM

Room: Courtyard Hall

Topic: Canada's Primary Care Chronic Disease Research Network

Dr. Karim Keshavjee

Chief Executive Officer, Family Physician

InfoClin

Session:

Canada's chronic disease research network (www.cpcssn.ca) recently reached 1,000 physicians and 1.2 million de-identified patients in its database. CPCSSN is revolutionizing primary care by making research easier and faster and by making it easier to apply quality improvement to patient populations. How did we get here? What makes CPCSSN sustainable? What are the impacts of primary care research? Where do we need to go next?

Bio:

Karim Keshavjee is a Family Physician and the CEO of InfoClin, a company that provides health informatics consulting to a variety of organizations across North America. He has over 20 years of experience in health informatics.

He has been a consultant to Canada Health Infoway for their Pan-Canadian electronic prescribing project (CeRx) and their interoperable electronic health record (iEHR) project. Karim was the Clinical Data Architect and EMR Consultant for CPCSSN, Canada's primary care chronic disease surveillance network. CPCSSN is a network of over 1000 physicians who provide data on 1.2 million patients from 12 different EMRs for research and surveillance. Karim is currently working on Diabetes Prevention, using predictive algorithms, virtual health care and rapid, on-the-fly, randomized controlled testing of multiple interventions for diabetes prevention. Karim is an Adjunct Assistant Professor at the University of Victoria and an Adjunct Professor at the University of Toronto.



Analytics Use Case Panel: 2:45 - 3:45 PM

Room: Courtyard Hall

Topic: Simplified Analytics

Jocelyn Kohlmaier

Chief Information Officer

Niagara Health System

Session:

The Niagara Health System (NHS) is a multi-site community health system formed from the complex amalgamation of 8 large and small community hospitals across 12 municipalities in the Niagara Region. The NHS serves an elderly population and prides itself for its strong engagement with their community. The region offers an interesting place to study population health outcomes as referral patterns indicate that patients tend to stay in the region from birth to death, seeking treatment and care within their community. As with all community hospitals, funding for technology solutions is typically more underfunded than in large academic centers - posing greater constraints in delivering technology-enabled solutions to their stakeholders. Jocelyn will share how the Niagara Health System has implemented simplified analytics tools from three perspectives: (1) decision-making for patients in their community; (2) internal care coordination; and (3) insights into utilization for health system administration. She will demonstrate how information is able to drive changes in people and process, and share critical success factors for implementing change in a challenging community environment

Bio:

Jocelyn Kohlmaier is the CIO of the Niagara Health System, having joined the organization last June 2015. She comes from a background in consulting, where she has played leadership roles as VP, Strategy at Healthtech, Ontario Public Sector Lead for Ernst & Young, and Technology Strategy at Deloitte in Toronto. She has a track record of tackling large transformation projects successfully in healthcare and public-sector organizations.

Over the last 15 years, she has led many strategic projects for healthcare organizations across Canada, including the Ottawa Hospital, Vancouver Island Health Authority, Nova Scotia Health and Wellness, eHealth Ontario, Canadian Blood Services etc. With her experience gained from the perspectives of both consulting and industry, as well as her formal training as a geneticist, Jocelyn has unique insight into health system issues and challenges. She is passionate about the use of technology to drive change and for information to enable decisions, together achieving transformation in people and processes within healthcare organizations.



Analytics Use Case Panel: 2:45 - 3:45 PM

Room: Courtyard Hall

Topic: Enabling Strategic Innovation Through Information Management

Kurt Rose

Director of Corporate Strategy and Information Management

Sunnybrook Health Sciences Centre

Session:

Healthcare organizations today are facing unprecedented change and a dramatically different environment in the decade ahead. Organizations will require new capabilities as well as new and innovative approaches to delivering care in order to respond to these changes in an effective way. As an Academic Health Sciences Centre, Sunnybrook plays many roles within the healthcare system, and as a result, is responding to these changes in many different ways - including through its strategic plan as well as through the use of innovative information tools that not only support care today but also prepare it for better care in the future.

This presentation will provide an overview of Sunnybrook's IT/IS strategic plan, and how Sunnybrook's Information Management program is helping the organization respond these emerging challenges and opportunities in the context of health system transformation, as well as in the context of Sunnybrook's vision to invent the future of healthcare.

Bio:

Kurt Rose is the Director of Corporate Strategy and Information Management at Sunnybrook Health Sciences Centre. Kurt is responsible for the development and management of Sunnybrook's corporate strategic plan, and has operational responsibilities for Information Management, Coding and Statistics. Prior to taking on his current role, Kurt was Sunnybrook's interim Director of eHealth Strategies and Operations and the MyChart personal health care record program.

Prior to joining Sunnybrook, Kurt was an independent consultant working with hospitals, as well as provincial and federal agencies on a variety of projects related to furthering healthcare information systems adoption and use. Previous to running his own consultancy, Kurt was the Director of eHealth Strategies at the Ontario Hospital Association working with member organizations and other key stakeholder groups in developing strategies for advancing eHealth solutions in the province, including the adoption of Electronic Health Records. Kurt is a graduate of McMaster University and holds an MBA in Health Services Management, a Bachelor of Science in Biology and Psychology, and a Bachelor of Arts in Gerontology.



Closing Analytics 2: 3:45 - 4:45 PM

Room: Courtyard Hall

Topic: Analytics Strategy

James E. Gaston

Senior Director, Model Development

HIMSS Analytics

Session:

- Analytics Wrap up
- What is and why have an "Analytics Strategy"
- Purpose, parts, positioning

Thank you to our Speakers, Sponsors and Delegates!