# Achieving Success! Improving Clinical Outcomes Through Health Informatics Innovations

## Who Should Attend?

- Health Authority Leadership
- Ministry of Health Leadership
- Clinician Leadership
- Health Informatics Professionals and Students
- Health IT and IM Professionals
- Healthcare Vendors
- Healthcare Consultants

## Annual Fall Education Symposium

- Presented by: BCHIMPS
- Sutton Place Hotel
- Vancouver, BC
- September 29, 2017
On behalf of the BCHIMPS Board of Directors, I would like to welcome each of you to our Annual Fall Education Symposium.

Working with a passionate Board, including five new Directors that quickly brought their talent to the team, we are proud to bring this program to you. As one of BC’s largest annual events devoted to health informatics and innovation in healthcare, our goal is to give you a platform to exchange ideas, discover new opportunities, reconnect with colleagues, meet new friends, and broaden your knowledge.

The theme of today’s symposium is Achieving Success! Improving Clinical Outcomes through Health Informatics Innovations.

This may sound like an ambitious theme, but in the context of several major initiatives already underway in BC, we feel it is timely to bring us back to the central question of, “How can health informatics innovation really improve clinical outcomes for hospital information solutions in BC?”

After all, as Simon Sinek said in his best seller Start with Why: “People don’t buy what you do, they buy why you do it”.

We are pleased today to present to you a very impressive list of nationally and internationally recognized speakers: CMIOs from a broad range of organizations, a Vice President of a partner organization presenting the concept of Value Score (or how to measure your health informatics investment), and a young and successful CEO of a truly innovative startup.

They will share with us their visions of success and how health informatics innovations help their organizations to improve clinical outcomes and help us to answer the most important question of all: Why?

I would like to thank our event sponsors and our annual sponsors. I would encourage you to join me in thanking your personal contacts among our sponsors as you interact with them throughout the day, and in your regular business. We wouldn’t be here without their support!

I would also like to recognize and thank our partners organizations: COACH, HIMSS, Canadian Healthcare Technology, Infoway and ANHIX.

Last but not least, I want to thank you, our BCHIMPS board of directors, volunteers and members, for your enthusiasm and your contribution to the Society.

Once again, thank you all for making this a truly great symposium!

Enjoy.

Alain Guez
BCHIMPS President
About Us

BCHIMPS: British Columbia Health Information Management Professionals Society

Our Mission is to promote understanding for the effective and efficient exchange and use of information, and information technologies, within BC’s health care environment by:

- Providing a forum for the exchange of ideas, concepts and developments in BC’s health informatics field
- Assuming a leadership role in advising policy and decision makers
- Building an information resource reference and coordinating an expertise pool
- Providing guidance for the standardization of health informatics projects
- Informing and communicating, as well as educating and promoting Health Information Management in an environment of innovation and emerging technologies
- Providing a forum for member participation in relevant health care initiatives
- Enabling the sharing of experience, expertise and networking opportunities
- Entering into partnerships with provincial, national and international Health Information Management Associations and/or groups with a view to enabling active member participation
- Fostering professional development in Information Management in BC healthcare

Become a Sponsor

**Annual Sponsorship:** Gain a year-round presence with BCHIMPS and a direct connection with our membership. Contribute topics for consideration in our event planning process and host small gatherings with members on topics of interest.

**Event Sponsorship:** Gain visibility at a BCHIMPS event, while choosing from several levels of sponsorship to fit any budget.

Become a Member

BCHIMPS acts as the voice of health information management professionals in BC, working with other professional associations and with government bodies to shape the health information management environment. Joining BCHIMPS helps your voice, and your opinions be heard.

For more information, please visit bchimps.org
7:30 am - 8:30 am  Hot Breakfast, Networking and Registration

8:30 am - 8:40 am  Welcome Remarks
    Alain Guez – President, BCHIMPS

8:40 am - 9:40 am  Improving Quality Outcomes with Hospital Information Systems: Can Canadians do it Better?
    Dr. Jeremy Theal – Chief Medical Information Officer, North York General Hospital, Physician Lead – Ontario Ministry of Health Hospital Information System Benefits and Adoption Team

9:40 am - 10:30 am  Intelligent Dermatology: Unlocking the Power of Data for Improved Outcomes in Skin Health and Care
    Dr. Maryam Sadeghi – CEO and Co-founder, MetaOptima Technology Inc.

10:30 am - 11:00 am  Networking Break

11:00 am - 12:00 pm  Better Information for Better Health: Bridging the Disconnect
    Dr. Robert Hayward – Chief Medical Information Officer, Alberta Health Services

12:00 pm - 1:00 pm  Networking Luncheon

1:00 pm - 1:50 pm  EMR Interoperability and the Primary Care Network
    Dr. Douglas Kingsford – Chief Medical Information Officer, Interior Health Authority

1:50 pm - 2:50 pm  EHR Benefits Realization: Island Health’s Journey
    Gloria Bouchard – Director, Clinical Improvements & Informatics, Island Health Authority
    Dr. Ben T. Williams – Executive Lead for Strategy and Engagement, Island Health Authority
    Gurprit K. Randhawa – Manager, Clinical Improvements & Informatics, Island Health Authority

2:50 pm - 3:15 pm  Networking Break

3:15 pm - 4:15 pm  The HIMSS Value Score: An Introduction
    Lorren Pettit – Vice President, HIS and Research, HIMSS North America

4:15 pm - 4:30 pm  Prize Draws, Evaluation & Closing Remarks

4:30 pm - 7:00 pm  Networking Social Event
Thank you to our Sponsors

Annual

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Welcome Reception

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Guest Facilitator

Yoel Robens-Paradise

Yoel Robens-Paradise is an experienced, forward-thinking leader committed to leveraging information to create a more person-centered, efficient health care system. Yoel has successfully delivered large complex transformations that improved services and achieved significant financial targets. He is known for a collaborative approach that unites diverse professionals into high-functioning teams focused on common goals. Yoel is a Vice President of Providence Health Care and an executive co-sponsor for the Clinical and System Transformation project, Canada’s largest electronic health record enabled transformation. His current role also includes serving as senior executive for the PHC Health Information Management service across Fraser and Vancouver Health Authorities, the Provincial Health Service Association and Providence Health Care.
8:40 am – 9:40 am

**Improving Quality Outcomes with Hospital Information Systems: Can Canadians do it Better?**

Implementing advanced hospital information systems (HIS) can be harmful or helpful. What is necessary to ensure success? This presentation will outline the key people, process and technology factors that can lead to improved outcomes for patients and providers. Challenges and opportunities unique to Canada will be described, and specific examples will illustrate how the unique capabilities of HIS can be leveraged to iteratively improve quality.

**Speaker:** Dr. Jeremy Theal  MD FRCPC, Chief Medical Information Officer, North York General Hospital, Physician Lead, Ontario Ministry of Health Hospital Information System Benefits and Adoption Team

*Dr. Theal is the physician lead for the eCare hospital information system project at NYGH, which has won six national awards as well as the coveted HIMSS Davies Award for innovation and quality improvement in patient care. He is the physician lead of the MOHLTC Hospital Information System Adoption and Benefits Team, and founder of the Canadian CPOE Toolkit. In 2015 he was the recipient of the Minister’s Medal Honouring Excellence in Health Quality and Safety.*

9:40 am – 10:30 am

**Intelligent Dermatology: Unlocking the Power of Data for Improved Outcomes in Skin Health and Care**

There are 150+ million people living with skin cancer worldwide. Over 40% of primary care office visits are skin-related. Dermatology is still very archaic and heavily relies on visual exams, diagnosis and treatments. We must take advantage of connected devices and utilize the power of big data to provide intelligent decision support tools that improves the efficiency, accuracy and quality of patient care.

**Dr. Maryam Sadeghi**, CEO and Co-founder, MetaOptima Technology Inc.

*Maryam Sadeghi, CEO at MetaOptima Technology Inc, completed her PhD in Computing Science at Simon Fraser University while working closely with the BC Cancer Agency and UBC Skin Care Center. As a Skin Research CIHR Scholar for two years, she worked on Dermatology Medical Imaging on visualization and analysis of malignant features of skin lesions. Maryam cofounded MetaOptima in 2013. The company’s goal is to provide intelligent clinical decision support tools to physicians so they can offer improved and more affordable personalized skin care to their patients.*
11:00 am – 12:00 pm  
**Better Information for Better Health: Bridging the Disconnect**

Believing that better information is a necessary but not sufficient condition for better healthcare, Dr. Hayward will explore how health information in a Clinical Information System (CIS) can be leveraged so that health practices change and health outcomes improve. The presentation will explore clinician concerns about enterprise CIS deployments, engagement strategies and an approach to anticipatory health process transformation.

**Speaker: Dr. Robert Hayward**, Chief Medical Information Officer, Alberta Health Services

*Robert Hayward is a general internist, health informatician, professor of medicine (University of Alberta) and CMIO (Alberta Health Services). By developing, implementing and evaluating a wide range of front-line information systems, he has accrued considerable expertise in clinician engagement, decision support and clinical information system usability and workflow integration.*

1:00 pm – 1:50 pm  
**EMR Interoperability and the Primary Care Network**

Technology is critical to effectively linking medical communities in a team-based care environment. Dr Kingsford will present current provincial progress towards an interoperable health system to support BC’s primary care transformation, and a vision for the system-wide digitization of healthcare.

**Dr. Douglas Kingsford**, Chief Medical Information Officer, Interior Health Authority

*Dr Kingsford is CMIO and Executive Medical Director at Interior Health. He is a primary care physician with an Electronic Engineering PhD in artificial intelligence and extensive experience with software engineering, primarily in clinical informatics.*

Provincially, Dr Kingsford sits many committees including the IMIT Standing Committee, Health Informatics Standards Standing Committee, Health Authority Integration Steering Committee, IM/IT Clinical Advisory Working Group, and is co-chair of the Information Privacy and Security Standing Committee. He is also a member of Canada Health Infoway’s Digital Health Alliance Steering Committee.
The purpose of this presentation is to share Island Health’s strategies, examples, barriers, and facilitators in utilizing health informatics innovations to improve clinical outcomes and achieve clinical project success through the lens of the EHR Adoption and Use (EAU) Model. The EAU Model combines evidence-based variables/constructs of EHR adoption and use with universal quality and experience benefits that can be measured for EHR benefits realization.

**Gloria Bouchard, RN, BSN, MA (Leadership Studies)** Director, Clinical Improvements & Informatics, Island Health Authority

*Gloria has 30 years of clinical experience with a speciality in Emergency/Critical Care. Gloria is currently leading the development of a Clinical Informatics team, which is central to realize the quality, accessibility, and productivity benefits of the health information system at Island Health.*

**Dr. Ben T. Williams, MD, CCFP**, Executive Lead for Strategy and Engagement, Island Health Authority

*Dr. Williams provides collaborative leadership with senior leaders in developing and implementing organizational strategic initiatives, with a focus on engagement, in support of transformational change in Island Health. Over the last year, Dr. Williams has worked on the IHealth initiative to improve the quality and transparency of communications regarding this strategic initiative.*

**Gurprit K. Randhawa, BSc, MSc, PhD (c) (Health Informatics)**, Manager, Clinical Improvements & Informatics, Island Health Authority

*Gurprit is the Manager of EHR Adoption, Use, Research & Development (EAURD) in the Department of Clinical Improvements & Informatics at Island Health. Her research work specializes in EHR/EMR adoption and use, end-user support, and quality improvement. She is also a Health Informatics Course Developer and Instructor at McMaster University.*
The HIMSS Value Score: An Introduction

An underlying assumption surrounding this year’s meeting theme (Improving Clinical Outcomes Through Health Informatics Innovations) is that digital health leaders in healthcare organizations are actually “measuring what they manage”. HIMSS has developed a free tool to help healthcare organizations document and quantify the positive impacts of digital health technologies. In this session, a HIMSS executive details the HIMSS Value Score program and its benefits.

Speaker: Lorren Pettit, Vice President, HIS and Research, HIMSS North America

Lorren has oversight of four key HIMSS efforts
1. Thought leadership research
2. Outreach to the Long Term / Post-Acute Care (LTPAC) and Behavioral Health (BH) IT communities, and
3. Provider use of Connected Health technologies, and
4. HIMSS’ support of Canadian Digital Health communities

An undergraduate of the University of Winnipeg, Lorren has a Master’s of Science in Gerontology from Baylor University, and a Masters of Business Administration from the University of Dallas. He teaches Medical Sociology and Gerontology through Indiana University and resides in the Nashville TN area.
Calendar of Upcoming Events

HIMSS Pop Health Forum
October 2 – 3, 2017
Chicago, IL, USA

Patient-Centered Clinical Decision Support Learning Network Annual Conference
October 3, 2017
Crystal City, VA, USA

AHIMA Convention & Exhibition
October 7 – 11, 2017
Los Angeles, CA, USA

BCHIMPS Educational Series
October 19, 2017
Victoria, BC, Canada

HIMSS Big Data & Healthcare Analytics Forum
October 23 – 24, 2017
Chicago, IL, USA

2017 Connected Health Conference
October 25 – 27, 2017
Boston, MA, USA

HIMSS Healthcare Finance Strategy
November 2 – 3, 2017
Boston, MA, USA

HealthAchieve 2017
November 6, 2017
Toronto, ON, Canada

2017 Infoway Partnership Conference
November 14 – 15, 2017
Calgary, AB, Canada

2nd Internet of Things (IoT), Big Data Healthcare Summit Western Canada
November 28 – 29, 2017
Vancouver, BC, Canada

Health Informatics and Knowledge Management (HIKM) 2018
January 29 – February 2, 2018
Brisbane, Australia

ReBoot: 19th Annual Privacy and Security Conference
Feb 7 – 9, 2018
Victoria, BC, Canada

BCHIMPS Annual Spring Education Symposium
February 23, 2018
Vancouver, BC, Canada

Toronto Health Innovation Week
April 9 – 13, 2018
Toronto, ON, Canada

eHealth
May 27 – 30, 2018
Vancouver, BC, Canada