



**BC HEALTH
INFORMATION
MANAGEMENT
PROFESSIONALS
SOCIETY**



BCHIMPS and COACH Present:
0 7 Emerging Technologies
March 2, 2012
UBC Golf Course, Vancouver, BC

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AGENDA

7:30am – 8:30am ~ Registration and Breakfast

8:30am – 8:45am ~ Welcome

8:45am – 9:45am ~ **Negotiating the World of Emerging Technologies in a Legacy Environment**
Barry Rivelis, CIO, Provincial Health Services Authority

9:45am - 10:45am ~ **Innovation and Interoperability at the Bedside – Full Circle**
Mary-Lyn Fyfe, CMIO, Vancouver Island Health Authority

Program Description: VIHA has recently embarked on a journey pursuing medical device integration with their Cerner based EHR. Dr. Fyfe will discuss their implementations and the associated challenges and successes. In addition, she will discuss future plans for continued interoperability to support quality and clinical workflow.

Program Objectives/Benefits: Understand current state and future vision of medical device integration within VIHA. Become familiar with the challenges and solutions required for successful implementation.

10:45am – 11:00am ~ Networking Break

11:00am – 12:00pm ~ **The Power and the Possibilities of the Patient/Doctor Relationship & the Communication Revolution**
Dr. Wendy Graham, President and CEO, Mihealth Global Systems Inc.

Program Description: Dr. Wendy Graham will discuss the emerging trends in healthcare technology, what physicians should be aware of, and the need for Personal Health Records. mihealth, a new personal health record, will be introduced along with the benefits it can provide to the patient-provider relationship.

Program objectives/benefits:

- Learn about the emerging trends in Healthcare Technology
- Learn about the different types of health Information technology available to engage patients (patient portals, social media and PHRs)
- Consumer Views on PHRS
- Review evidence regarding the use of health information technology and its impact on patient outcomes
- Discuss strengths and limitations for the use of health information technology in clinical practice
- How to gauge whether patient health records will impact clinical practice
- Types of PHRs available to Canadian patients - including Mihealth
- Benefits for physicians (clinics) and patients

12:00pm – 1:00pm ~ **Wireless Home Care Services and Social Media**
Scott Herrmann, Director of Mobile Solutions, Procura

Program Description: The wireless revolution has triggered a multi trillion dollar industry and the mobile device has become a central part of life. Forward looking companies in the health and life sciences communities are embracing mobile technology as a way to extend the value of their services they provide. Home health care also has embraced this technology for its ability to increase compliance, productivity and accountability of field staff. Whether it's RN's or Aides or social workers by eliminating paper and self-reporting manual processes with mobile technology, Home Care agencies can gain benefits that not only improve patient outcomes, but also provide a better way to deliver and proactively manage their services.

Program Objectives/Benefits

Recognize where the value of mobile technology lies in home and community care + Identify the ways to enable an ROI to make the mobile service a reality + Understand the challenges in deploying and managing a mobile workforce in your agency.

1:00pm – 2:00pm ~ Lunch

2:00pm – 3:00pm ~ Emerging Technologies and Healthcare IT in Canada

Ron Parker, Group Director, Emerging Technologies Group, Canada Health Infoway

Program Description: This session will outline some of the emergent technologies and use trends being tracked by Canada Health Infoway as relevant for healthcare.

Program Objectives: Participants will hear about key technologies that Infoway is following and assessing for their utility and potential scope of effect on eHealth and Healthcare IT. Topics will include high level assessment of Cloud Computing, Mobile computing (or mHealth), Social Computing / Consumer Enablement, and Analytics with observations on how these trends are converging and are strongly interrelated.

Program Benefits: Participants will have an opportunity to question, and offer opinions and their own insights that will shape Infoway's opinion and approach to these subjects, hopefully assist audience members in further developing their own personal insights into how to shape medium to long term strategies that might consider these topics.

3:00pm – 4:00pm ~ The Future of Evidence

Jeffrey Betts, Business Development, IBM Healthcare and Life Sciences

Program description: Evidence: Everyone agrees it should guide how physicians treat patients and organize care. We know that rigorously determining 'what works' and then systematically applying those lessons improves outcomes, quality and cost. As patients, we assume and expect that health professionals will be using the most current, proven knowledge as they treat us. But close to 1 million articles a year are now published in medical journals, putting the synthesis and condensation of relevant new insights beyond human cognitive capacity. EMRs, EHRs and PHRs are continuously gathering petabytes of facts about symptoms, diagnoses, treatments and outcomes, but most of this data remains in silos, under-analyzed and under-utilized. The good news is the healthcare industry is moving towards an evidence-centric ecosystem, enabled by technologies like Natural Language Processing (NLP), similarity analytics and predictive modelling. These tools will help healthcare professionals generate large-scale comparative effectiveness evidence, in real time, specific to each and every patient.

Program objectives/ benefits: Describe some of the coming changes to how we create and consume medical evidence, with examples from research collaborations between IBM Research and healthcare clients around the world.

4:00pm – 4:15pm ~ Closing Comments

Meet the Speakers



Barry Rivelis, Chief Information Officer, Provincial Health Services Authority

Barry Rivelis was appointed Chief Information Officer at PHSA on June 15, 2009. In the fall of 2009, Barry also assumed leadership of the IMIS organizations of Vancouver Coastal Health and Providence Health Care. Prior to joining PHSA, Barry held the position of Vice President, Healthcare at TELUS Corporation, where he was responsible for leading TELUS's national healthcare strategy. Barry brings an extensive background in information technology and management through experience gained in a variety of settings, including senior level positions with Cap Gemini Ernst & Young (CGEY) in Vancouver and Ernst & Young Consulting in Toronto. He holds a Bachelor of Arts in Economics from York University and an MBA from the Schulich School of Business.

Dr. Mary-Lyn Fyfe, Chief Medical Information Officer, Vancouver Island Health Authority



Dr. Mary-Lyn Fyfe is a practicing physician and the Chief Medical Information Officer for the Vancouver Island Health Authority in British Columbia, Canada. Mary-Lyn is a University of British Columbia medical graduate who subsequently undertook Internal Medicine education in both Canada and the United States, where she worked for Kaiser Permanente for 12 years. It was there that Mary Lyn experienced the clinical efficiencies and quality outcomes associated with the electronic health record.

Upon return to Canada in the fall of 2003, Mary-Lyn pursued her career in Clinical Informatics with the Health Authority. Since 2005, Mary-Lyn and Catherine Claiter-Larsen, the Vice President and Chief Information Officer, have been co-leading the Electronic Health Record journey across the continuum of care. Together, their vision and transformational leadership at VIHA has contributed to substantive clinical informatics and telehealth successes. Mary Lyn has presented at numerous conferences and continues to provide leadership in clinical informatics education for University of Victoria's Health Information Science.

Dr. Wendy Graham, President and CEO of Mihealth Global Systems Inc.

She was the Founder and 1st President of the Association of Family Health Teams of Ontario (AFHTO), and is the past Medical Director and Lead Physician with North Bay's Blue Sky Family Health Team. She has been in full-time comprehensive family practice for over 20 years.

Recently, she was described as an "influential physician" in primary care reform and collaborative care models for Canada. She addressed models of reform at the World Congress on Health Care in 2008 in Washington DC. Prior to this she was one of several invitees with the International Alliance of Patient's Organizations to address multiple NGOs at the United Nations session in March 2007 on Health Care Reform on patient-centered care.

She is a past member of the CEO round table for LHIN (Local Health Integration Network) 13, of their e-Health Provincial Working Group, and she contributed to the Aging at Home Strategy Committee as a member addressing programs to reduce Emergency Room wait times. LHIN 13 covers the largest geographic region in Ontario



Scott Herrmann: Director, Mobile Solutions

Responsible for working closely with our customers to deliver Procura's Mobile Solutions Suite Scott brings a strong background in mobile solutions and extensive experience in the home health care mobile solutions market to the role. As a pioneer in the mobility world, Scott has an in-depth understanding of what customers need from a mobile solution.



Ron G. Parker, Group Director – Emerging Technology Group, Canada Health Infoway Inc. (Infoway)

Ron works in a team that is identifying, assessing, and elaborating on the implications of emergent ICTs for the healthcare sector. He is also responsible for the maintenance and extension of the Blueprint for EHR Solutions, a SOA enterprise architecture for eHealth in Canada. The EHR Blueprint describes how the EHR can serve as a platform for collaboration and innovation in health service delivery, and demonstrates how ICTs are foundational to a sustainable health care system.

Jeffrey Betts, Business Development, IBM Healthcare and Life Sciences

Jeff currently leads IBM's Chronic Disease Management and Personalized Healthcare activities in Canada. He has over 25 years of management and project leadership experience, with fourteen of those years with IBM. Before joining IBM, Jeff held various IT management positions in the BC provincial government, focused on creating, operating and expanding electronic services for citizens. Since joining IBM, he's held positions with local, national and global responsibility, and has worked in Canada, the US, Australia, Europe and the Caribbean.