Nov 23, 2012

Access &
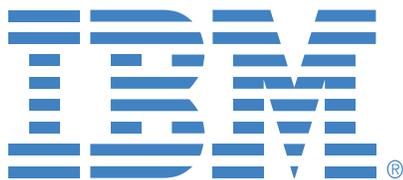# *Big Data:*
Big Headache or Big Opportunity

Annual Fall Education Session of the
BC Health Information Management Professionals Society
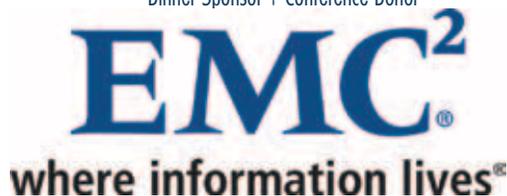
University Golf Course

5185 University Boulevard Vancouver, BC

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BC HEALTH INFORMATION MANAGEMENT PROFESSIONALS SOCIETY

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Welcome

"Access and Big Data" is the theme of today's event. We live in an age of data. Human beings are creating information at an historic rate, and it is increasing.

Nowhere is this data revolution–and the opportunities and challenges it presents–more obvious than healthcare.

Throughout the day you will have the opportunity to learn, explore, and discuss key topics related to access and big data.

We're pleased you are here, and encourage you to participate in the QA sessions after each presentation. We hope you enjoy the day, including your continental breakfast and buffet lunch!

The BCHIMPS Executive

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Agenda

7:30 am - 8:30 am	**Registration and Continental Breakfast**
8:30 am - 8:45 am	**Welcome & Introductory Remarks** John Waldron, President, BCHIMPS Jeff Betts, IBM, Conference Sponsor
8:45 am - 9:35 am	**Insights from Global Experiences with Big Data for Healthcare Transformation** Dr. Dan Gordon, Executive Consultant, IBM GBS Global Healthcare Centre of Competence
9:40 am - 10:30 am	**Workforce Health and Safety Surveillance:** **The Importance of Data to Guide Decision Making** Tony Gilligan, Director, Information Technology and Program Management, IMITS, Provincial Health Services Authority
10:35 am - 10:55 am	**Refreshments & Networking Break**
10:55 am - 11:45 am	**Barriers and Facilitators to Data Access for Health Research: 4 Real Life Stories** Dr. Nadine Schuurman, Professor of Geography, SFU, MSFHR Scholar
11:45 am - 12:45 pm	**Lunch**
12:45 pm - 1:35 pm	**CAIS: Treasure Trove of Data or Big Dinosaur?** Jeff Barnett, Director of Clinical Informatics, BC Cancer Agency
1:35 pm - 1:50 pm	**Refreshments & Networking Break**
1:50 pm - 2:40 pm	**Health Data and Privacy:** **A Health Surveillance and Population Health Trending Perspective** Lydia Drasic, Executive Director, Population Health Strategic Planning & Provincial Initiatives, PHSA. Dr. Drona Rasali, Director, Population Health Surveillance & Epidemiology, PHSA
2:40 pm - 3:30 pm	**Delivering Quality Performance Through the Use of Business Intelligence Tools** Christopher Sutton, Director, Transformation Services, TELUS Health
3:30 pm - 4:00 pm	**Prize Draws & Closing Remarks** Jim Hawes, EMC Sabrina Gill, IBM John Waldron, President, BCHIMPS **Event Evaluation** Please take a moment to complete the form.

Program Details

8:45 am – 9:35 am

Insights from Global Experiences with Big Data for Healthcare Transformation

Big Data is both a byproduct and an integral component of the Digital Hospital. While Big Data creates significant technological and policy issues, the question we are really asking ourselves is "What are the opportunities, both small and massive, that the Digital Hospital makes possible?"

Speaker: Dr. Dan Gordon, Ph.D., Executive Consultant, IBM GBS Global Healthcare Centre of Competence.

Dan works extensively in the areas of digital hospitals, health services planning and health analytics to assist policy makers and global healthcare delivery organizations use big data as a catalyst for effective business renewal.

9:40 am – 10:30 am

Workforce Health and Safety Surveillance:
The Importance of Data to Guide Decision Making

A look at the 10 year journey to standardize workforce health surveillance systems across BC, the challenges, barriers, opportunities, and next steps to capitalize on data to improve worker health and reduce costs associated with workplace related sickness and "presenteeism".

Speaker: Tony Gilligan, Director, Information Technology and Program Management, IMITS, Provincial Health Services Authority

Tony Gilligan is the Director of IT and Program Management with the Provincial Collaboration and Enterprise Solutions group at PHSA IMITS. Prior to joining PHSA Tony was the Director of IT and Program Management at OHSAH, BC's Occupational Health and Safety Agency for Healthcare.

Tony is particularly passionate about the design and development of occupational health and safety surveillance systems to monitor workforce health. Tony and his team are responsible for the development and support of the provincial health and safety application, the WHITE Database. WHITE is recognized as a unique application nationally and internationally and collects data in a provincial data warehouse to support regulatory, operational and strategic workforce health initiatives.

Program Details

10:55 am – 11:45 am   **Barriers and Facilitators to Data Access for Health Research: 4 Real Life Stories**

Health data are more prolific now than ever in history. In an ideal world, this would lead to a greatly increased analysis and a giant foundation of evidence for decision-making. However, with the rise in data abundance, there have been attendant impediments to data access. This talk describes several of these obstacles including spatial and privacy restrictions.

Speaker: Dr. Nadine Schuurman, Ph. D., Professor of Geography, SFU, MSFHR Scholar

I am a GIScience (GIS) researcher with a focus on spatial epidemiology. I run a research group with graduate students and research assistants. Our goal is to create a research environment that can assist policy makers and health administrators to understand and rationalize choices about service provision based on spatial data, population vulnerability, access, service availability, trajectories and outcomes. I have three long-term research objectives: (i) develop decision frameworks for location of health services; (ii) build new spatial approaches for surveillance, prevention and improved outcomes in global health; and (iii) better understand and characterize the relationship between the built (human) environment and health.

12:45 pm – 1:35 pm   **CAIS: Treasure Trove of Data or Big Dinosaur?**

This presentation will give an overview of the BC Cancer Agency's electronic health record called CAIS – the Cancer Agency Information System which has been the workhorse for the BCCA since 1994. Besides being used by a wide variety of clinicians across the province it houses a unique population based data warehouse.

Speaker: Jeff Barnett, Director, Clinical Informatics, BC Cancer Agency

Jeff Barnett is the Director of Clinical Informatics for the BC Cancer Agency. He is also an adjunct professor at both the UVIC and UBC. Jeff holds a master's degree in health information science from UVIC. He has extensive experience as a project analyst and project lead in health care systems deployment in a variety of areas.

Prior to his entry into the field of informatics he was a clinical pharmacist. He has presented nationally and internationally on a wide range of topics relating to these research interests, and he has co-authored several papers in several health care journals.

Program Details

1:50 pm – 2:40 pm

Health Data and Privacy:
A Health Surveillance and Population Health Trending Perspective

The context of presentation will be on the data access and linkages needed for health surveillance and population health trending in the context of British Columbia. We will be presenting some examples of our work and an overview on the use of available health data and associated privacy issues.

Speaker: Lydia Drasic, Executive Director, Population Health Strategic Planning & Provincial Initiatives, Provincial Health Services Authority

Lydia has a background in Public Health, completed her Masters in Business Administration and is a Certified Health Executive with the Canadian College of Health Leaders. She has 15 years experience of senior management in health services. Her current portfolio includes responsibilities for the Population & Public Health Program which focuses on the prevention of chronic disease through surveillance and data, knowledge development and inter-sectoral partnerships in order to influence policy and practice as well as various provincial initiatives on the integration of various provider services along the continuum of care and bariatric surgery strategy for BC.

Speaker: Dr. Drona Rasali, Director, Population Health Surveillance & Epidemiology, Provincial Health Services Authority

Dr. Rasali joined the Provincial Health Services Authority early this month in the position of Director, Population Health Surveillance & Epidemiology. He moved from the Saskatchewan Ministry of Health, where he worked as Provincial Chronic Disease Epidemiologist for over 7 years. He holds a position of Adjunct Professor at the University of Regina since 2009. He earned his PhD degree from the University of Manitoba in 2004 and holds a professional standing with membership of American College of Epidemiology (MACE). Originally, he comes from a professional background of veterinary medicine working in Nepal for about 20 years.

Program Details

2:40 pm – 3:30 pm   **Delivering Quality Performance Through the Use of Business Intelligence Tools**

The Fraser Health Executive team has made Quality and Performance an area of particular focus for their strategic imperatives, requiring accountability at all levels in the organization. This presentation will outline how clinical and process data has been used to build and drive quality performance scorecards and accountability, and in completing this engagement, demonstrating what characteristics of data management need to be embedded into its collection and manipulation to make their use a success.

Speaker: Christopher Sutton, Director, Transformation Services, TELUS Health

Chris Sutton is a Health Consulting Director with TELUS Health. Chris has been with TELUS for just over 18 months and prior to joining TELUS, he was with Courtyard, based in Edmonton. Chris's main area of specialization is primary care, especially within EMR use and adoption. In fact he worked to 3 years with the Physician Office System Program in Alberta where he developed a series of usage measures and adoption frameworks to measure system uptake. More recently, and the subject of today's talk, Chris has been working with Fraser Health in the build out of their Quality Performance scorecards.

Calendar of Upcoming Events

Canada Health Infoway's Fall Partnership Conference – November 28-29, 2012
See the BCHIMPS booth at Canada Health Infoway's Fall Partnership Conference, Sheraton Wall Centre, Vancouver, BC.

IBM Webcast – December 6, 2012 8:00am PST
Improving Healthcare Outcomes with Advanced Analytics. If you are a BCHIMPS member, check your inbox in the next few days for a announcement from us regarding this IBM webcast and whitepaper.

CPHIMS-CA Exam, Emerging Professionals Social Event – March 8, 2013
A half-day workshop, hosted jointly by BCHIMPS and COACH, Canada's national health informatics association.

BCHIMPS and COACH Annual Spring Symposium – March 9, 2013

BCHIMPS AGM and Social – April/May 2013

About Us

Become a Member

As a BCHIMPS member, you are part of an organization with a 30-year history of sharing knowledge and resources on health information management in British Columbia. Membership grants you exclusive access to our members-only directory and forums, plus networking opportunities at our twice-yearly educational symposia. We act as the voice of health information management professionals in BC, working with other professional associations and government bodies to shape the health information management environment.

To learn about the benefits of membership, go to: bchimps.org/join

Become a Sponsor

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

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For details on sponsorship opportunities, go to: bchimps.org/sponsorship

About BCHIMPS

The BC Health Information Management Professionals Society (BCHIMPS) is the premier not-for-profit organization for those involved with all aspects of managing health information within BC. A key focus of BCHIMPS is member education. The Society hosts regular symposia and other educational events featuring nationally recognized speakers while highlighting local and provincial initiatives.