



PREDICTION, PREVENTION, PROMOTION

Health Information Strategies to Guide
Healthcare in BC and Beyond

Who Should Attend?

Health Authority Leadership
Ministry of Health Leadership
Ministry of Mental Health and Addictions
Clinician Leadership
IMIT Leadership and Teams
Students
Healthcare Vendors
Healthcare Consultants
Patient Advisors

Annual Spring Education Symposium

Presented by: BCHIMPS

**Fairmont Pacific Rim Hotel
Vancouver, BC
March 1, 2019**



BC Health
Information
Management
Professionals
Society

www.bchimps.org

Welcome

Welcome! We are very excited to present our Spring Education Symposium *Prediction, Prevention and Promotion: Health Information Strategies to Guide Healthcare in BC and Beyond*. A special thank you to our speakers, special guests and panel members as their contributions help inform our understanding and shape the direction needed to move initiatives forward. We are also excited to have our Patients Included partners contribute to the day and bring the voice of the patient to our discussions.

As a Board, we are proud to be a part of this non-profit society and volunteering to advance health care technology in BC. BCHIMPS was formed in the early 1990's by several chief medical and information officers in BC who felt a need to bring like-minded individuals together to network and discuss issues and opportunities to work together in health technology. BCHIMPS has now grown from that early start to two major education symposiums a year and several highly popular networking events.

BCHIMPS' successes have caught the attention of our national and international partners and we are actively exploring partnership and chapter opportunities. Our goal is to be a better, stronger BCHIMPS offering you ever more and interesting opportunities, with the independence to speak on your behalf while maintaining our autonomy at the local level. One option is the Health Information and Management Systems Society's chapter model which would allow for continuation of our independent society model, financial autonomy, increased exposure for sponsors, board training, speaker opportunities and, most importantly, a culture fit that most comfortably mirrors our own vision for an independent and strong organization. Information sessions will be set up in March and April to help inform members about these opportunities and the path forward.

BCHIMPS would also like to recognize our sponsors as they are integral to these successful events. Symposiums are led, managed and executed by volunteers, but the costs of these events can be substantial and our sponsorship is critical to help keep costs down for attendees. Please take a moment to say thank you and speak to sponsors about their organizations, opportunities and contributions they continue to make to our health care system.

We hope you enjoy the day and remember to give feedback on our evaluation form as this feedback is incorporated into the next event. Also, follow us on social media (#BCHIMPS) on Twitter, Facebook and LinkedIn to stay up to date on upcoming events and engage with our society!

Brigitte Mettler, President, BCHIMPS
British Columbia Health Information Management Professionals Society



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



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Become a Sponsor

Visionary 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 educational 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.

Become a Patient Advisor

Contribute your voice to the design and delivery of future BCHIMPS events.

For more information, please visit bchimps.org

Agenda

7:30 am - 8:30 am	Registration, Hot Breakfast and Networking Guest Facilitator: <i>Yoel Robens-Paradise</i> – Vice President BC, Gevity Consulting
8:30 am - 8:45 am	Welcome Remarks <i>Brigitte Mettler</i> – President, BCHIMPS
8:45 am - 9:00 am	Patient Partner Remarks <i>Sarah Hamilton</i> – Patient Partner
9:00 am - 10:15 am	BC's Digital Health Strategy - Transforming the Health System so that all British Columbians can Achieve Optimal Health & Wellness <i>Corrie Barclay</i> – Assistant Deputy Minister, BC Ministry of Health <i>Martin Wright</i> – Assistant Deputy Minister, BC Ministry of Health
10:15 am - 10:45 am	Networking Break
10:45 am - 12:15 pm	Panel Presentation - Data to Action: Tackling the Opioid Crisis <i>Dr. Bonnie Henry</i> – Provincial Health Officer, BC <i>Deb Bailey</i> – Member, Moms Stop the Harm <i>Chief Len Garis</i> – Fire Chief, City of Surrey, BC <i>Jamie Arredondo Sánchez Lira</i> – Post Doctoral Fellow, BCCSU Guest Moderator: <i>Martin Wright</i> – Assistant Deputy Minister, BC Ministry of Health
12:15 pm - 1:00 pm	Networking Luncheon
1:00 pm - 1:45 pm	Fraser Health - Health Information Strategies for Today and Tomorrow <i>Gregor McWalter</i> – Interim Vice President, Fraser Health Authority
1:45 pm - 2:30 pm	AI and Machine Learning - Integration into Clinical Workflows <i>Jeff Lumpkin</i> – Vice President, KenSci
2:30 pm - 2:45 pm	Networking Break
2:45 pm - 3:30 pm	An Australasian Health Informatician at PHSA IMITS? <i>Dr. Damian Claydon-Platt</i> – Chief Clinical Information Officer, PHSA
3:30 pm - 4:30 pm	Modernizing the Mayo Clinic - Innovation and Technology to Machine Learning and Artificial Intelligence <i>Christopher Ross</i> – Chief Information Officer, Mayo Clinic
4:30 pm - 4:45 pm	Prize Draws, Evaluation & Closing Remarks <i>Anushka Premji-Osman</i> – Vice President, BCHIMPS
4:45 pm - 6:30 pm	Networking Social Event (in foyer)

Thank you to our Sponsors

Visionary



Gold



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Board of Directors

BCHIMPS: British Columbia Health Information Management Professionals

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Guest Facilitator



Yoel Robens-Paradise, Vice President BC, Gevity Consulting

A proven, strategic leader who successfully delivers large, complex transformations and IMIT projects to improve services and achieve significant financial targets. Yoel is a dynamic communicator whose collective approach unites diverse professionals and organizations into high-functioning teams. Yoel is Vice President, BC, with Gevity, where he brings a wealth of experience from within BC's healthcare environment. Previously, Yoel served as executive lead for health information management and biomedical engineering services across the lower mainland and Provincial Health Services Authority, and was executive co-sponsor for the Clinical and System Transformation Project.

Presenters

9:00 am – 10:15 am

BC's Digital Health Strategy - Transforming the Health System so that all British Columbians can Achieve Optimal Health & Wellness

This presentation will provide an overview of the Ministry of Health's health system transformation imperative, and outline the work that is underway to develop a digital health strategy in close consultation with the Ministry's partners, including health authorities.



Corrie Barclay, Assistant Deputy Minister, Health Sector IMIT Division, BC Ministry of Health

Corrie has significant experience with business transformation, creating a culture of innovation and inspiring teams to advance a business vision that achieves better outcomes through enabling digital strategies. Corrie's health experience includes leading the first clinical deployments across the Province of British Columbia for the Pan-Canadian public health surveillance solution.



Martin Wright, Assistant Deputy Minister, Health Sector Information, Analysis and Reporting, BC Ministry of Health

Martin leads the Health Sector Information, Analysis and Reporting Division at the Ministry of Health. The division leads the overarching provincial analytic strategy and approach and performs comprehensive, robust and integrated analytics and evaluation of health sector performance. The division is responsible for key information management functions including analytics, reporting, quality assurance, evaluation, performance measurement and data governance and stewardship.

10:45 am – 12:15 pm

Panel Presentation - Data to Action: Tackling the Opioid Crisis

The opioid crisis is having devastating effects on the province of British Columbia, and the use of data is playing a part in confronting it. A broad range of people suffer from opioid use disorders and are being claimed by overdoses. This panel will bring together a diverse group of people to discuss this issue in an interactive format. You will hear the family perspective from those directly affected by the crisis, BC's Provincial Health Officer will share what is being done on a provincial level, about work underway with harm reduction in Drug Checking Services in safe injection facilities, and how Statistics Canada, City of Surrey, Surrey Fire Services, Surrey RCMP, Fraser Health Authority, and BC Coroners Service have joined together in a research partnership to identify the primary risks and characteristics of those individuals most at risk of opioid use or overdose.

The panelists have provided additional materials describing the opioid crisis and the work their organizations have undertaken which can be accessed on BCHIMPS website at: <https://www.bchimps.org/page-1860858>



Presenters



Dr. Bonnie Henry, BC Provincial Health Officer

Dr. Henry was appointed as provincial health officer for the Province of BC effective February 1, 2018. She was the deputy provincial health officer from 2014 to 2017, and prior to that served as the interim provincial executive medical director of the BC Centre for Disease Control from 2013 until 2014. Dr. Henry is a specialist in public health and preventative medicine and is board certified in preventative medicine in the U.S. She graduated from Dalhousie Medical School, completed a Masters in Public Health in San Diego, and residency training in preventative medicine at University of Toronto. Dr. Henry has worked internationally including the WHO/UNICEF polio eradication program in Pakistan and with the WHO to control the Ebola outbreak in Uganda.



Deb Bailey, Member, Moms Stop the Harm

Since the death of her daughter, Ola, in December of 2015, Deb has advocated for change in the areas of addiction and mental health. Deb holds a Master of Arts degree and is a professor at Alder University. She is a Vancouver lead for Moms Stop the Harm, is on the Family Engagement Committee for the BC Centre for Substance Use, sits on the Vancouver Community Action Team and is on the working committee representing the voice of the family for the BC Provincial Boost Collaborative.



Chief Len Garis, Fire Chief, City of Surrey, BC

Len is the Fire Chief for the City of Surrey. He is also an Adjunct Professor in the School of Criminology and Criminal Justice at the University of the Fraser Valley, and a member of the Affiliated Research Faculty at John Jay College of Criminal Justice in New York. Len joined the Surrey Fire Service in 1998 and has worked in the fire service and related fields since 1980. He believes strongly that long-range vision, planning and innovation can reduce costs, improve efficiency and ultimately enhance services and public safety.



Jamie Arredondo Sánchez Lira, Post Doctoral Fellow, Drug Checking Program, BC Centre for Substance Use

Jamie completed his PhD in Global Public Health at the University of California, San Diego (UCSD) and San Diego State University (SDSU). His research focuses on adapting and implementing interventions based on empirical evidence, in order to reduce the risk factors in the spread of diseases (HIV, HCV), among people who use drugs. He has worked extensively with several harm reduction organizations in the US-Mexican border. Currently, he is a postdoctoral fellow at BCCSU looking at the implementation and evaluation of drug checking services in British Columbia.

Presenters

1:00 pm – 1:45 pm

Fraser Health - Health Information Strategies for Today and Tomorrow

This presentation introduces some key facts and figures about Fraser Health Authority, along with information about some of the major initiatives that will move us into the future, and align towards the Digital Health Strategy.



Gregor McWalter, Interim Vice President, Technology, Informatics & Analytics, Fraser Health Authority

Gregor has been with Fraser Health Authority for over seven years, and is responsible for integration services, IMIT support for patient experience, corporate IMIT services, mobile health, architecture, security, user experience, service management, and the IMIT project management office. Key projects include Unifying Clinical Information, the MyChart patient portal and the IMIT enablement of primary care homes in the region. Previous experience includes over ten years in Alberta in a range of consulting and program management roles, including the Netcare electronic health record, the provincial personal health record portal and the province-wide primary care initiative. Prior to that Gregor worked in the NHS in Scotland for over ten years in a variety of informatics, analytics and research roles.

1:45 pm - 2:30 pm

AI and Machine Learning - Integration into Clinical Workflows

Key aspects of the opioid crisis are well-suited to the application of machine learning techniques. This talk will gently introduce the concepts of unsupervised and supervised machine learning, followed by case studies applying these tools to the problems of prescribing variation detection and predictive risk stratification, concluding with a suggestive framework for defining and implementing further machine learning use cases relevant to tackling the crisis.



Jeff Lumpkin, Vice President, Customer Advisory, KenSci

Jeff is the Vice President of Customer Advisory at KenSci, where he helps customers maximize the utility of KenSci's Machine Learning insights by developing interactive dashboards and reports. He also acts as a bridge between engineering and customers, helping to shape product development through the active incorporation of customer feedback and ideas. Prior to KenSci, he was the Director of Sales Finance at Microsoft for 15+ years, focusing on Microsoft's Enterprise Services business using Power BI to understand and improve sales performance and efficiency. A native of Seattle, Jeff has lived in Kazakhstan, Singapore and Germany with his wife and two sons. He holds degrees from Cornell University and the University of Washington, as well as an MBA from the University of Virginia.

Presenters

2:45 pm – 3:30 pm

An Australasian Health Informatician at PHSA IMITS?

This presentation will provide a high-level overview of the current state of the Australian Health Informatics landscape, and share some key learnings from recent projects and initiatives. With the creation of the new Chief Clinical Information role at the Provincial Health Services, this presentation will explore the opportunities within BC.



Dr. Damian Claydon-Platt, Chief Clinical Information Officer, Provincial Health Services Authority

Dr. Claydon-Platt is the inaugural Chief Clinical Information Officer (CCIO) at PHSA. He has 20 years medical experience predominantly in the Intensive Care Environment. He cross-trained in IT, and is a Certified Health Informatician in Australasia. He previously worked as the CCIO for the largest private not-for-profit healthcare organization in Victoria, Australia, while also working very closely with the Victorian Department of Health on numerous state-wide clinical informatics activities. In his new role he seeks to bring the clinical voice and a provincial patient-centric view to all PHSA IMITS activities.

3:30 pm – 4:30 pm

Modernizing the Mayo Clinic - Innovation and Technology to Machine Learning and Artificial Intelligence

The Mayo Clinic is a not-for-profit medical institution that reinvests all its earnings into improving medical practice, research and education. Part of Mayo Clinic's mission is to keep looking for new and better ways of doing things. Mayo Clinic doctors across all specialties are engaged in research and patients are frequently among the first to benefit from innovative ideas and the breaking research generated, including the latest in diagnostic and treatment technology - from the highest resolution imaging devices to robotic surgery. This topic will cover how Mayo Clinic has modernized its information technology and why, and describe how these modern technologies are accelerating innovations like machine learning and artificial intelligence.



Christopher Ross, Chief Information Officer, Mayo Clinic

Cris has been Chief Information Office for Mayo Clinic since 2012, where he has led major efforts to redefine IT strategy, modernize technologies including a new enterprise-wide EHR system, develop partnerships, and initiate innovation programs. Earlier, he held technology and business leadership roles with Surescripts, MinuteClinic, and UnitedHealth Group. He served on several Boards and is Chairman of the Board of Health Information Management Systems Society (HIMSS) North America. He advocates for cancer patients. He was educated at the University of Minnesota and the Yale School of Management.

Notes

Calendar of Upcoming Events

Blockchain Global Conference

April 24-25, 2019
Toronto, ON, Canada

e-Health Conference and Tradeshow

May 26-29, 2019
Toronto, ON, Canada

BCHIMPS 2019 Annual General Meeting (AGM) & Social

May 1, 2019
Vancouver, BC, Canada

National Health Leaders Conference

June 10-11, 2019
Toronto, ON, Canada

HL7 FHIR Dev Days

June 10-12, 2019
Redmond, Washington, USA

ITAC Big Data and AI

June 12-13, 2019
Toronto, ON, Canada

IoT, Big Data Healthcare Summit

June 11-12, 2019
Toronto, ON, Canada

SNOMED CT Expo

October 31-November 1, 2019
Kuala Lumpur, Malaysia

BCHIMPS Annual Fall Education Symposium

October 25, 2019
Vancouver, BC, Canada

Infoway Partnership Conference

November 12-13, 2019
Ottawa, ON, Canada

HIMSS20

March 9-13, 2020
Orlando, Florida, USA

Earn professional practice continuing education credits:

- Certified Professionals in Healthcare Information and Management Systems - 6 CE hours - CPHIMS-CA
- Certified Health Executives - 3 MOC Category II credits - CCHL
- Certified Health Information Management Professionals - up to 6 CPE credits - CHIMA

The symposium is certified a Patients Included event



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