e-Health 2015

Making Connections - What's In It for YOU?

Health
Metro Toronto Convention Centre
May 31 - June 3, 2015

Pre-Conference: Packed with Best Practices, Lessons Learned, Practical Tools & More!

Collaborating on patient-centred solutions…accelerating interoperability….accountability in clinical informatics…health system performance measurement…come to the pre-conference symposiums at the e-Health 2015 on May 31 to tap into some of the most important topics in the field today.

Like the rest of the program, the pre-con sessions bring professionals from all areas of Canadian healthcare to focus on digital health and its transformative power for Canadian healthcare. Here is a taste of these sessions.

"The e-Health Conference brings together clinical, vendor, jurisdictional, service delivery, government and health informatics communities, along with key national organizations like Canada Health Infoway and the Canadian Institute for Health Information, and encompasses all sectors of care like no other Canadian healthcare event. The program is deeply rooted in the interconnected, multi-disciplinary nature of e-Health. So whether you're working at the coalface of healthcare as a clinician, designing systems behind the scenes, writing policy or involved with any other aspect, the conference is extremely valuable for both education and making connections."

Lynn Nagle
e-Health Program Committee Chair

Trends & Tempos in Clinical Informatics & Professional Practice

(CCF: COACH Clinician Forum)

 COACH Clinician Forum
Forum des cliniciens de COACH

If you're a clinician, this day-long event is the place to be for timely, relevant information and best practices provided at panel and keynote presentations. Delve into **Clinical Decision Support (CDS) - Views from Abroad & Here in Canada**, featuring CDS at a national and provincial levels and from a vendor's perspective; **The Global State of the Art of mHealth Solutions & Its adoption in Canadian Healthcare**, including how clinicians can find effective mobile technologies; and **Professional Practice in the Health Informatics World: The Ethics & Pragmatics of Accountability**, provided by a leading clinician sharing personal experience with HI.

Measuring the Performance of Your Health System: Aligning Public Reporting and Performance Analytics

(Canadian Institute for Health Information)

 Canadian Institute for Health Information
Institut canadien d'information sur la santé

Explore how comparative health data is used to measure the performance of healthcare systems, focusing on topics such as access, quality of care, patient safety and emerging health trends at this interactive half-day session. Learn how healthcare leaders are using data to measure, monitor and improve health system efficiency and safety through public reporting and other means. Not-to-be-missed for care providers, decision-support teams and decision-makers in hospitals, health care facilities, regional authorities and provincial-territorial ministries, vendors and the IT/IM community and other professionals with a vested interest in learning how health data is transforming health system performance.

Tactics to Accelerate Interoperability

(Canada Health Infoway)

 Canada Health Infoway / Inforoute Santé du Canada

If you're a clinician, business analyst, clinical system developer, e-Health project leader and anyone else interested in interoperability, this is a must-attend session! Learn a new approach that will enable you to advance your clinical interoperability projects through the use of real-life examples such as medication reconciliation and transitions of care. This interactive session will expose specific tactics to identify clinical requirements, develop interoperability specifications and leverage technology and stakeholder tools, including the InfoCentral collaboration platform, to benefit the rapid development of digital health solutions. This presentation will reflect Infoway's work with hundreds of stakeholders to develop a strategy for accelerating clinical interoperability over the last year.

e-Health 2015

Powering the Next Generation of Person-Centred e-Health Innovations with Science: Lessons Learned from Innovation Communities

[Canadian Institutes of Health Research (CIHR)]

Learn about the creation of collaborations between innovation communities (researchers, academics, clinicians, policy makers) and the technology industry from international and Canadian experiences. Hear how these groups can work together toward the common goal of developing innovative, effective and sustainable patient-centred e-Health solutions. This unique, interactive half-day event will be of interest to researchers, academics, care providers, policy makers and health technology industries interested in working around patient-centred solutions.

A Taste of HI

(COACH eHIP Forum)

If you're an emerging professional in the first years of your health informatics (HI) career, be sure to participate in this half-day session for insight about future HI professional roles and their fit within an organization to fulfill its mandates for e-Health initiatives. Interact with and learn from industry experts in a variety of roles from across the seven levels on the COACH HI Career Matrix at round-table discussions. Take away conceptualization of the HI career roles/structures in relation to HI environment positioning, understanding of specified/required skill sets (soft vs. hard) that are necessary to fulfill HI role expectations and more.

CNIA Conference: Nursing Informaticians – Making Connections

(Canadian Nursing Informatics Association & Ontario Nursing Informatics Group, in conjunction with COACH)

Organizers invite professionals to share their knowledge and experiences within the field of HI at this new, one-day event. Speakers include keynotes Dr. Roy L. Simpson, Vice President Nursing at Cerner Corporation, and Dr. Richard Booth, Assistant Professor, Arthur Labatt Family School of Nursing, Western University.

More Program Info

Watch for updates about the conference sessions at:

www.e-healthconference.com

@eHealth_2015 (#ehealth15)

e-Health Rants: Passionate, Verbal Editorials Back!

The passionate, dynamic and sometimes provocative e-Health Rants will be back as part of the concurrent sessions this year after a popular launch in 2014.

An ideal format for exploring the boundaries of e-Health innovation, here is a taste of the 12 rants that will be presented this year:
- How to Be a Better Doctor by Embracing Consumer Solutions;
- Pragmatic & Pain-Free Clinical Operability & Standards Compliance;
- Dispelling the Myth of Inter-professional Collaborative Models in Health Informatics;
- Afraid of Mobile Technology: Don't Be!

Watch www.e-healthconference.com for details about all rants and the rest of the program.

e-Health 2015

Join the conversation to shape the Canadian digital health landscape at the 65+ concurrent sessions, covering these topics (right) and much more, at e-Health 2015. Watch your email and visit www.e-healthconference.com for details.

Introducing…Keynotes
Dr. Samantha Nutt & Kerry Munro

Connect with International Health & Digital Business Experts

The keynote speakers kick off and wind up Canada's only national e-Health conference on amazing high notes. Meet the accomplished, knowledgeable professionals who will share their insight and wide-ranging experience as keynotes in this Q&A. (Visit **www.e-healthconference.com** for more Q&A.)

Health Informatics: Lifesaver in War Zones & with Epidemics

Dr. Samantha Nutt

Global Humanitarian, Founder of War Child Canada & Bestselling Author
@SamanthaNutt

A medical doctor, Dr. Samantha Nutt has worked with children and their families at the frontline of many of the world's major crises. A leading authority on current affairs, war, international aid and foreign policy, she is one of the most intrepid and recognized voices in the humanitarian arena and is one of the most sought-after public speakers in North America.

Q. Given the frontline tragedies you have witnessed around the world have complex drivers and solutions, do you see health informatics (HI) in Canada really have a role to play in providing solutions? If so, how?

"HI can play an influential role in countries that are emerging out of conflict – those whose political and economic structures can support it. The sharing of knowledge and public education plays a key role in rebuilding infrastructures, identifying groups at risk, and documenting and sharing health information that allows governments and other international bodies to plan and reduce threats, especially the threat of epidemics in populations that are extremely vulnerable (those emerging from conflict, where health systems – including basic vaccination – have often broken down or been seriously impaired). In many post-conflict states, you are really starting from scratch. I learned this when I was working for the UN in Liberia in the late 90s, at the end of the war. Even the health records were lost or destroyed. It was almost impossible to track and identify threats – we didn't even know which children, or how many of them, had been vaccinated. And it was worse in rural areas. HI may seem like a luxury, but it has the potential to save large numbers of lives if that information is being compiled, shared and worked into healthcare strategies – anywhere in the world."

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Q. Based on your extensive, widespread experience in healthcare around the globe, how can e-Health/health IT help third-world countries cope with a health crisis like the Ebola epidemic?

"Information sharing with the people in the healthcare sector and public awareness are critical in global epidemics. Creating local infrastructure is essential for regional development in developing countries so that communities can manage such crises. What does this mean? It means when it comes to preventing the threat of diseases we can't think short term and we can't think our aid dollars don't matter. But knowing how to give becomes critical, because we will not prevent the next Ebola crisis by simply donating once things are already out of hand and hoping that it will right itself. Regular monetary donations (weekly/monthly) to organizations that help to address some of the underlying structural deficits facing many countries in the global south – not just to support healthcare, but education and poverty reduction as well – this is how we reduce the overall risk of such threats in the future. It takes time. Regular support means organizations and the communities that rely on them can plan properly and respond accordingly – even before the rest of the world is paying attention. This is the kind of preventative approach communities at high risk of poverty and disease really need – not hand-outs and condolences after-the-fact."

Q. Public health challenges have long known no borders, but given recent challenges, what connections do you see as required to improve global health and to prevent the spread of disease?

"There are many public health challenges but the priorities we experience are not only tracking early warning signs, such as cluster of Ebola or measles cases, but having the capacity at an international level to respond effectively. Unfortunately, this did not happen during the recent Ebola outbreak in West Africa. Major international bodies missed the cues about how serious this was and how quickly it

could spread in a post-conflict country with a still-shattered infrastructure (Liberia and Sierra Leone especially). So we need better mechanisms to compile and share information – the systems and the networks should be able to talk to one another and aggregate information. It should also, on the flip side, be able to easily disaggregate information to identify specific regional trends, such as inequities between rural and urban areas; the ability to educate and share information to urban and rural population. When information informs policy, it is smarter and more responsive. But information alone isn't enough. If we want to know how to contain threats like Ebola, we have to be very clear about how we react effectively to this information and we can no longer afford to think in silos."

Data Privacy & Permission, Health Records in Our Pockets

Kerry Munro

Digital Leader, Social Marketing Expert & Former COO, Syncapse
@kerrymunrois

Kerry Munro is a dynamic, results-oriented leader with deep knowledge and proven success with the Omni-Channel, ecommerce and digital retailing. He is known for possessing the strategic vision and leadership required to transform businesses that face disruption due to changing market or technology dynamics, particularly in the areas of Omni-Channel, digital intermediation and customer experience.

Q. The healthcare industry in Canada continues to face ongoing challenges and a need to address the connection between disparate data and professionals to drive results. What lessons have you learned from the private sector that might apply?

"In its most simple form what we are talking about is a network, albeit one that is complex by its very design. Yet this network really is not that dissimilar to other networks say, like Facebook or other newer technologies. Both have users, some who consume content and some who produce. There is a value exchange that is information and in many cases remedies, and there is a physical link that connects those who communicate. And of course there is the content itself. This oversimplification is why companies like Apple believe there is the opportunity to disrupt and change the dynamics of healthcare globally in the process and it is why the healthcare industry should ask itself whether it wants to maintain control over this network or cede it to the likes of Apple, Amazon or Google and face the issues and challenges that many private sector companies have faced in being disintermediated."

Q. Social media and the rise of consumer health has taken health informatics (HI) by storm, but the sector continues to grapple with the challenges of data privacy and security – any insights to offer from challenges faced in the private sector?

"This is really the lightning rod at the heart of the issue. Given the sensitive nature of what is being shared no one wants their individual privacy or information violated. The funny thing is in many ways the fears that exist regarding the digitization of the process should be similar to the current fears of current (or former) communication. I remember one such instance where a consumer spoke about having his cancer test results inadvertently sent to his neighbour, and the concerns he held since he hadn't told his spouse. What's interesting is there are ways to protect the information even more securely than current methods. This is not that different from the commercial sector, where consumer data and information becomes a double edged sword – embraced by some part of the enterprise while feared by privacy and legal teams who worry about a breach or violation of privacy legislation. In the middle is the consumer or citizen, some of whom are digital millennials who want their information freely exchanged and others who don't. The key is not just security and privacy but the introduction of permission."

Q. Where do you see the "consumer" (patient) experience going in healthcare?

"This is an interesting question for sure given the previous questions. Despite all the challenges in front of us at this moment, the evolution of the customer experience will likely be driven by simplification, digitization and personalization and we're seeing it today with things like the Apple health app. As the technology industry starts to place their focus on aggregating consumer data the degree of technological change towards information and the consumer experience will evolve, likely to a point where technology firms start to further encroach into the current ecosystem and forcing change in the process. I do envision a time when every individual carries their full health records in their coat pocket, scary as that may seem, and we are already seeing individual physicians using technology like FaceTime to provide remote care."

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Q. What role do you see social media playing in the huge transformational, disruptive change coming our way in healthcare and e-Health?

"We're already seeing it today. Anyone can go online and self-diagnose themselves by reading any one of a hundred (thousands) of sites. They can crowd source their conditions and get feedback as to what they may or may not have as an illness. And they can freely share their situation, or those of others, amongst their social media platforms. Events such as the (ALS) Ice Bucket Challenge can give rise to a whole new way to support and potentially fund research or services, and the prevalence of social media in the lives of the generation (or two) that comes after us will force those of us today to rethink how we connect with, treat, service and support the millennials of today."