

ADVANCES IN HEALTH INFORMATICS CONFERENCE - AHIC 2010

Version: 4/26/2010

The Realities of eHealth Program at a Glance

Wednesday, April 28 2010

19:00 - 21:00	Registration and Welcoming Reception <i>(Main Lobby, School of Pharmacy, UW Health Sciences Campus, Kitchener,</i>
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Thursday, April 29, 2010 (Main Lecture Theatre School of Pharmacy)

Time	Session	Presentations	Authors <i>(Presenter in italic and underlined)</i>	Affiliation
7:45	Continental Breakfast			
8:15	Opening Ceremonies			
8:45	Working with Industry <i>Chair: Michael Shepherd</i>	Collaborative Geomatics for Innovation in Health Research and Policy	<u><i>Don Cowan</i></u> , Fred McGarry and Daniel McCarthy	University of Waterloo
9:05		Mobile eHealth for Self-Management of Diabetes: Finding the Right Procurement Solution	<u><i>Michael Wilson</i></u> and Runki Basu	McMaster University
9:25	Clinical Decision Support, Outcomes, and Patient Safety <i>Chair: Carolyn McGreor</i>	Facilitating Effective Use of a Clinical Information System	Bev Berry, Marilyn Hannay and <u><i>Tom Rosenal</i></u>	Alberta Health Services
9:45		Extensions to Sealed Envelope and Break Glass Authorization	<u><i>Jim Longstaff</i></u> and Tony Howitt	Teesside University
10:05	Break			
10:35	Clinical Research Informatics <i>Chair: Ann McKibbon</i>	Cross-Canada EMR Case Studies: Analysis of Physicians' Perspectives on Benefits and Barriers	<u><i>Grace Paterson</i></u> , Nicola Shaw, Andrew Grant, Elisabeth Delisle, Kevin Leonard, Shelby Mitchell Corley, Maryan McCarrey, Bill Pascal and Nancy Kraetschmer	Dalhousie University et al.
10:55		The Use of Technology to Support the Patient's Journey: a Pilot Study in Indian Neonatal Intensive Care Units	<u><i>Amardeep Joshi</i></u> , Carolyn McGregor and Jennifer Percival	University of Ontario Institute of Technology
11:15		Physiological Time Series Analysis: blood glucose and human activity monitoring toward improved patient self-management	<u><i>Eric Sadowski</i></u> and Sean Doherty	Wilfrid Laurier University
11:30	Keynote Speaker <i>Introduced by: Brantz Myers</i>	<i>New Platforms and New Business Models for Care-at-a-Distance</i>	<u><i>Daniel Z. Sands, MD, MPH</i></u> <i>Senior Medical Informatics Director, Cisco Director, Internet Business Solutions Group, Healthcare Practice</i>	
12:00	Lunch			
1:00	Keynote Speaker <i>Introduced by: Dominic Covey</i>	<i>A Journalist Trying To Explain to Ordinary People What They Fundamentally Don't Understand About Electronic Health Records: Why They Aren't Here Already for Care-at-a-Distance</i>	<u><i>Stephen Strauss</i></u> <i>Science Writer and Columnist</i>	
1:30	Telehealth; eHealth <i>Chair: Lisette van Gemert-Pijnen</i>	The Next Wave of Health Care: Google Wave Used in the Redesign of the Chronic Care Model and Shared Medical Appointments	<u><i>David Willson</i></u> , David Wiljer and Sara Urowitz	University Health Network
1:50		Agile Remote Home Healthcare System for the Elderly	Jianwei Yang and <u><i>Ahmad Ghany</i></u>	McMaster University
2:10		Application of Telehealth and HIS in Surveillance and Detection of Pandemics	<u><i>Negin Mastouri</i></u> , Ann McKibbon, Norm Archer and Dante Morra	McMaster University University of Toronto
2:30		Making Sense of Complex Electronic Patients through Patient Stories Anchored by Unstructured but Immutably Annotated Diagnostic Data	<u><i>Peter Pennefather</i></u> and West Suhanic	University of Toronto
2:50		Lessons learned in E-Health: The need for privacy, security and inter-disciplinary collaboration in a web-based patient portal research study	Femida Gwadry-Sridhar, <u><i>Stacey Guy</i></u> and Joe Whitney	Lawson Health Research Institute and MedManager
3:05	Break			

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3:30	Education, Design and Implementation	First Semester Students' Ability to Develop Biomedical and Health Informatics Concepts	<i>Yuri Kagolovsky</i> and Kathryn Brillinger	Conestoga College ITAL
3:50	<i>Chair: Grace Paterson</i>	User-centered Development of Effective Web-based Patient Education: a Case Study about Methicillin-resistant Staphylococcus aureus	Fenne Verhoeven, <i>Lisette van Gemert-Pijnen</i> and Ron Hendrix	University of Twente
4:10		Pregnancy Management Electronic Health Record System for Obstetrics/Gynecology (OB/GYN) Clinics	<i>Oladimeji Farri</i> , Molly Lagermeier, Ramesh Mannamkunnath and Bob Winston	University of Minnesota, Minneapolis
4:30		What are Canadian Medical Students Learning about Health Informatics?	Katrina Hurley, <i>Brett Taylor</i> , Paul Postuma and Grace Paterson	Dalhousie University
4:45		Project Management and eHealth: Two Related Topics - One Course	Norm Archer	McMaster University
5:00		CRISP-DM0 : A method to extend CRISP-DM to support null hypothesis driven confirmatory data mining	Jennifer Heath and <i>Carolyn McGregor</i>	University of Wollongong University of Ontario Institute of Technology
5:30 - 7:30	Waterloo Region Networking Reception (The Lang Tannery, adjacent to the School of Pharmacy)			
Friday, April 30, 2010 (Main Lecture Theatre School of Pharmacy)				
7:45	Continental Breakfast			
8:15	Patient and Citizen Involvement	Patient Self-controllable Access Policy on PHI in eHealthcare Systems	Xiaohui Liang, Rongxing Lu, <i>Xiaodong Lin</i> and Xuemin (Sherman) Shen	University of Waterloo
8:30	<i>Chair: Tom Rosenhal</i>	eHealth for Chronic Cancer Care: Empowering the Cancer Survivor	<i>David Wiljer</i> , Sara Urowitz, Oonagh Maley, Sabrina Padewski, Barbara Prudhomme, Menaka Pulandiran and Katya Duvalko	University Health Network / University of Toronto
8:50		Effective Healthcare Reform must include a Patient Perspective	<i>Kevin Leonard</i> and Sandra Dalziel	University of Toronto
9:10		Electronic Collaboration in Norwegian Health Care	<i>Viqdis Heimly</i> and Jacob Hygen	Norwegian University of Science and Technology
9:30		Building a Successful Hospital Based Online Support Community	<i>Sara Urowitz</i> , David Wiljer, Menaka Pulandiran, Naa Kwarley Quartey and David Willson	Princess Margaret Hospital / University Health Network / University of Toronto
9:50		Exploring Digital Information Support for Patient-Centred Chronic Disease Management Using Qualitative Research Methods	<i>Naomi Mensink</i>	Dalhousie University
10:05	Break			
10:35	Clinical Workflow and Human Factors <i>Chair: Kevin Leonard</i>	Informatics innovation in clinical care: A visionary scenario for dentistry	<i>Titus Schleyer</i> , Thankam Thyvalikakath and Asim Smailagic	University of Pittsburgh
10:55	People and Organizational Issues	Infrastructure in the Making: The Case of an EMR System in a General Practice Setting	<i>Marianne Tolar</i> and Ellen Balka	Siimon Fraser University
11:15	<i>Chair: Kevin Leonard</i>	A Methodology for Evaluating the Effect of Electronic Prescribing User Interface Design on the Accuracy of Prescribing	<i>Wojciech Wierciach</i> , Anne Holbrook and Eleanor Pullenayegum	McMaster University
11:30	Keynote Speaker <i>Introduced by: Brendan Seaton</i>	<i>The State of eHealth in Canada - Can We "Own the Podium"?</i>	<i>J. Wayne Gudbranson</i> <i>President & CEO, Branham Group Inc.</i>	
12:00	Lunch			

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Friday, April 30, 2010 Continued				
1:00	eHealth Think Tank	Revisiting eHealth Strategies Think Tank Part 1		
2:30		Break		
3:00	eHealth Think Tank	Revisiting eHealth Strategies Think Tank Part 2		
3:30		Revisiting eHealth Strategies Think Tank Round-up Session		
4:00	eHealth Think Tank	Summary and Next Steps	<u><i>Dominic Covvey</i></u>	NIHI
4:10	Conference Summary	Informatics interventions presented at AHIC 2010: A summary of impacts	<u><i>Tom Rosenhal</i></u>	University of Calgary
4:20	and Closing	Closing Remarks	<u><i>Dominic Covvey</i></u>	NIHI
4:30		End of Conference		

eHealth Strategy Think Tank Key Participants

<i>Norm Archer</i>	Professor Emeritus	DeGrotte School of Business, McMaster University
<i>Sholom Glouberman</i>	Associate Scientist / Adjunct Professor / Adjunct Assistant Professor	Kunin-Lunenfeld Applied Research Unit, Baycrest Centre for Geriatric Care /
<i>Wayne Gudbranson</i>	President and CEO	Branham Group
<i>Kevin Leonard</i>	Associate Professor	Department of Health Policy, Management and Evaluation, Faculty of
<i>Lou Milrad</i>	Associate Counsel	Miller Thomson LLP
<i>William Pascal</i>	CTO	Canadian Medical Association
<i>Tom Rosenal</i>	Associate Professor Emeritus	University of Calgary
<i>Greg Reed</i>	CEO	eHealth Ontario
<i>Brendan Seaton</i>	President	ITAC Health, Information Technology Association of Canada
<i>Michael Shepherd</i>	Dean	Faculty of Computer Science, Dalhousie University
<i>Doug Tessier</i>	Senior VP (A), Development and Implementation	eHealth Ontario
<i>Frances Westley</i>	JW McConnell Chair in Social Innovation / Co-Author of "Getting to Maybe: How the World is Changed"	Social Innovation Generation, University of Waterloo

Additional Pre-Recorded Presentations

The following papers were accepted as Voice over PowerPoint presentations (VOPP). They have been recorded and will be available on the conference archive.

VOPP 1	Evaluation of Dental Patient Record's Content: Preliminary Result	<u><i>Amit Acharya</i></u> , Teena Wali, Thankam P. Thyvalikakath and Titus K. Schleyer	Marshfield Clinic Research Foundation and University of Pittsburgh
VOPP 2	Why do Practicing Clinicians Ignore CDSS? The Case for Clinical Sensemaking	<u><i>Peter Jones</i></u>	University of Toronto
VOPP 3	Using Building Data Models to Represent the Relationship Between Content and Healthcare Workflows	<u><i>David Henriques</i></u> and Dominic Covvey	University of Waterloo
VOPP 4	System Design of Web-based Patient Education Tools, Metaboli-Net, for Prevention of Lifestyle-related Diseases	<u><i>Shigeki Kuwata</i></u> , Shin-ichi Taniguchi, Atsuko Kato, Kazuoki Inoue, Naoya Yamamoto, Tsuyoshi Ohkura, Kei Teramoto, Chiaki Shigemasa and <u><i>Hiroshi Kondoh</i></u>	Tottori University, Tottori University Hospital and Kofu Municipal Office
VOPP 5	Information Availability for eHealth Infrastructures through Quality of Service Support	Sasan Adibi and <u><i>Tony Sahama</i></u>	University of Waterloo and Queensland University of Technology
VOPP 6	Influencing Factors on Usability of Pen-tablet System on Server-Based Computing Environment: Length and Fluctuation of Delays Due to Response Time Prolongation	<u><i>Kei Teramoto</i></u> , Shigeki Kuwata, Andre W. Kushunruk, Elizabeth M. Borycki, Maki Nomura and Hiroshi Kondoh	Tottori University Hospital, University of Victoria and Tottori University