

Wednesday, April 25, 2012				
7:00 - 9:00 PM	Registration and Welcoming Reception (CIBC Marketplace, Executive Learning Centre, Schulich School of Business, York University)			
W141 - Robert R. McEwen Auditorium				
Thursday, April 26, 2012 (W141 - Robert R. McEwen Auditorium, Executive Learning Centre, Schulich School of Business)				
Time	Session	Presentations	Authors (<i>Presenter italicised and underlined</i>)	Affiliation
7:30	Registration and Continental Breakfast			
8:00	Opening Ceremonies			
8:30	Keynote Speaker <i>Introduced by:</i> <i>Nick Cercone</i>	Transforming the Future of Health Care with Health Informatics	<i>Dave Williams</i> , MD, PhD CEO and President Assistant Professor of Surgery	Southlake Regional Health Centre University of Toronto
9:15	Keynote Speaker <i>Introduced by:</i> <i>Dominic Covvey</i>	Digital Pathology and Its Relevance for Integrated Diagnostics	<i>Bruce Friedman</i> , MD Professor Emeritus	University of Michigan Medical School
10:00	Break			
10:30	Analytics	Medical Data Visualization and Inference Using Mathematical Flow Graphs	Doungrat Chitcharoen, <u><i>Puntip Pattaraintakorn</i></u> and Nick Cercone	King Mongkut's Institute of Technology, Infobright, York University
10:50		Improving the Accuracy of Modeling Epidemics with Surveillance-Based Adaptive Tuning	<u><i>Shang Xia</i></u> and Jiming Liu	Hong Kong Baptist University
11:05		Cognitive Principles for Visual Integration of Clinical Information	<u><i>Albert Crous Tsanaclis</i></u> and Andrew Grant	University of Sherbrooke
11:20	eTools (Webcast)	Development of Evaluation Tools for eAntibiotic Stewardship Program	<u><i>Maarten Van Limburg</i></u> , Ron Hendrix, Jobke Wentzel and Julia Van Gemert-Pijnen	University of Twente
11:35		Development of a Web 2.0 Infection Manager to Support Prudent Antibiotic Use	<u><i>Jobke Wentzel</i></u> , Joyce Karreman, Maarten Van Limburg, Ron Hendrix and Lisette Van Gemert-Pijnen	University of Twente
12:00	Lunch			
1:00	Keynote Speaker <i>Introduced by:</i> <i>Bruce Friedman</i>	Digital Pathology Technology with a Close Look at Image-Based Decision Support	<i>Ulysses Balis</i> , MD Associate Professor and Director, Division of Pathology Informatics	University of Michigan Medical School
1:45	CDS (OWL)	Computerizing Comorbid Clinical Guidelines Using OWL Ontology: A Decision Support System for Cardiac Diseases	<u><i>Samina Abidi</i></u> , Michael Shepherd and Jafna Cox	Dalhousie University

ADVANCES IN HEALTH INFORMATICS CONFERENCE - AHIC 2012 Program

Version: 4/20/2012

2:05		OMEGA: A Semantic Web based Framework for Modeling and Executing Clinical Guidelines Using Process Workflow Modeling Constructs	Ali Daniyal and <u>Syed Sibte Raza Abidi</u>	Dalhousie University
2:25		OWL-Based Execution of Ontologically-Modeled Clinical Practice Guidelines	Borna Jafarpour, Samina Abidi and <u>Syed Sibte Raza Abidi</u>	Dalhousie University
2:45	Public Health	Achieving Zero Malaria Deaths in the World by 2015: The Important Issues	<u>Xiaofei Yang</u> and Jiming Liu	Hong Kong Baptist University
2:00 - 3:30	Student Poster Competition (CIBC Marketplace, Executive Learning Centre, Schulich School of Business, York University)			
3:00	Break			
Thursday, April 26, 2012 Continued				
3:30	Transforming Health Care Workshop Chair: William (Bill) J. Pascal	The Evidence - What is Working	R. Brian Haynes , MD, PhD, OC Pavel Roshanov , MSc	McMaster University Western University
3:50		State of eHealth	Will Falk , B.Sc., M.P.P.M.	University of Toronto
4:10		The Politics	William (Bill) J. Pascal , PEng	Canadian Medical Association
4:30	Transforming Health Care Workshop Cont'd Chair: William (Bill) J. Pascal	Workshop Discussion		
5:30 - 7:30	Conference Networking Cocktail Reception			
Friday, April 27, 2012 (W141 - Robert R. McEwen Auditorium, Executive Learning Centre, Schulich School of Business)				
7:30	Registration and Continental Breakfast			
8:00	Keynote Speaker Introduced by: Nick Cercone	Networking for Excellence	Sylvia Asa, MD, PhD Pathologist-in-Chief and Medical Director, Laboratory Medicine Program Professor, Department of Laboratory Medicine and Pathobiology	University Health Network University of Toronto
8:45	EMR	A Methodological Approach to Assessing Technology-Induced Errors in Healthcare that Integrates In-Situ Testing with Computer Simulations	<u>Andre Kushniruk</u> , Elizabeth Borycki, James Anderson, Shige Kuwata and Mu-Hsing Kuo	University of Victoria/Purdue University/Osaka University
9:00		Strategic Use of Social Media in Integrated Clinical Environment	Amit Goel, <u>Prasad Chittaluru</u> , and Farhan Shamsi	EPIC Engineering & Consulting Group, LLC and University of Central Florida

ADVANCES IN HEALTH INFORMATICS CONFERENCE - AHIC 2012 Program

Version: 4/20/2012

9:20	EMR	Preliminary Findings from a Multiple Case Study Exploring the Links Between End-user Support and Electronic Medical Record Success	Rustam Dow, Catherine Montgomery, Jan Barnsley, Karen Tu, Alejandro Jadad, Louise Lemieux-Charles and <u>Aviv Shachak</u>	Institute for Clinical Evaluative Sciences/Centre for Global eHealth Innovation/University of Toronto
9:35		Building the EMR Value Proposition through an Integration Engine	<u>Dr. Chris Hobson</u> and Karen Ewing	Orion Health
10:00	Break			
10:30	Pathology	Characterizing Healthy and Disease States by Systematically Comparing Differential Correlation Networks in Lung	<u>Serene Wong</u> , Nick Cercone and Igor Jurisica	York University/Ontario Cancer Institute/University of Toronto
10:50		Integrated On-chip Real-time PCR System for Rapid Genetic Analysis	<u>Long Zhang</u> , Maohua Wang, Yong Liu, Francis Lin and Gong Zhang	Chinese Academy of Sciences/China Agricultural University/University of Manitoba/Winnipeg Regional Health Authority
11:05		Digital Image Processing to Visualize and Evaluate ER, PgR and Ki-67 as Biomarkers for Breast Cancer: An Initial Study	<u>Puntip Pattaraintakorn</u> , Amir Asif and Nick Cercone	Infobright/York University
11:25		Aligning Institution-Specific Clinical Pathways to Develop a Standardized Care Model for Prostate Cancer	Samina Abidi, <u>Syed Sibte Raza Abidi</u> and Ali Daniyal	Dalhousie University
11:45	EHR	Issues in the Design of a Publish/Subscribe Architecture to Support the Pan-Canadian Electronic Health Record Infrastructure	Arun Agrawal, <u>Duane Bender</u> and H. Keith Edwards	McMaster University/Mohawk College Applied Research Centre/University of Hawaii at Hilo
12:00	Lunch			
Friday, April 27, 2012 Continued				
1:00	Keynote Speakers Introduced by: <i>Dominic Covvey</i>	Redefining Value and Success with Smarter Analytics	Dan Gordon , PhD Aditya Pai , MSc, MBA	IBM Global Healthcare Centre of Competence IBM Global Business Services
1:45	Home Care	The Possibilities of m-Health Technologies: Using Remote Patient Monitoring for Safer Client Care in the Community	<u>Winnie Sun</u> and Diane Doran	University of Toronto
2:00		Working from Your Home: Benefits and Challenges for Health Care Providers and Their Employers	<u>Lois Scott</u> and Ronald Dunn	McKesson Canada
2:15		Telehealth: Key Enabler for Improved Patient Access to Quality Clinical Care	<u>Lois Scott</u> and Ronald Dunn	McKesson Canada
2:45	Break			

ADVANCES IN HEALTH INFORMATICS CONFERENCE - AHIC 2012 Program

Version: 4/20/2012

3:00	Panel Discussion <i>Moderated by:</i> <i>Dominic Covvey</i>	<i>What We Have Learned and Where We Must Go</i>	<i>Will Falk</i> , B.Sc., M.P.P.M. <i>William (Bill) J. Pascal</i> , Peng	University of Toronto Canadian Medical Association
3:50	Conference Summary and Closing	<i>Closing Remarks</i>	<i>Nick Cercone</i> , PhD <i>Dominic Covvey</i> , MSc	York University NIHI
4:00	<i>End of Conference</i>			