The 5th Annual Workshop on Health IT and Economics
October 10-11th, 2014
Westin Alexandria, 400 Courthouse Square • Alexandria, VA 22314

Friday Oct 10, 2014

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>08:00 am - 08:30 am</td>
<td>Breakfast and Opening Remarks</td>
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<tr>
<td>08:30 am - 09:00 am</td>
<td>Morning Keynote: Kelly Cronin, Director of the Office of Care Transformation, ONC</td>
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<tr>
<td>09:00 am - 09:40 am</td>
<td>Panel I: Technology-enabled Ubiquitous Care</td>
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<td>09:40 am - 10:00 am</td>
<td>Coffee Break</td>
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<tr>
<td>10:00 am - 10:40 am</td>
<td>Panel II: Research priorities in health IT and funding opportunities</td>
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<td>10:40 am - 11:00 am</td>
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<tr>
<td>11:00 am - 12:30 pm</td>
<td>Session 1 - Meaningful Use of Health IT</td>
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<tr>
<td>12:30 pm - 02:00 pm</td>
<td>Lunch, Patient Perspective &amp; Keynote Speaker: Taha A. Kass-Hout, MD, MS, Chief Health Informatics Officer, FDA</td>
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<tr>
<td>02:00 pm - 03:30 pm</td>
<td>Session 2 - Health IT and Costs of Care</td>
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<td>03:30 pm - 03:50 pm</td>
<td>Coffee Break</td>
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<tr>
<td>03:50 pm - 04:30 pm</td>
<td>Research Panel - Provider Use of Technology</td>
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<tr>
<td>04:30 pm - 06:00 pm</td>
<td>Short Presentations and Poster Session</td>
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<tr>
<td>06:15 pm - 08:00 pm</td>
<td>Reception</td>
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Saturday Oct 11, 2014

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<tr>
<td>08:00 am - 08:30 am</td>
<td>Breakfast</td>
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<td>08:30 am - 09:00 am</td>
<td>Keynote Speaker: James B. Rebitzer, PhD, Professor of Management, Economics and Public Policy, Everett V. Lord Distinguished Faculty Scholar, Boston University School of Management</td>
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<tr>
<td>09:00 am - 10:30 am</td>
<td>Session 3 - Organizational Behavior in Healthcare</td>
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<td>10:30 am - 10:40 am</td>
<td>Coffee Break</td>
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<td>10:40 am - 11:55 pm</td>
<td>Session 4 - Coordinated Care</td>
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<td>11:55 pm - 12:45 pm</td>
<td>Awards Luncheon</td>
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<td>12:45 pm - 02:15 pm</td>
<td>Session 5 - Patient Engagement</td>
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<td>02:15 pm - 02:25 pm</td>
<td>Coffee Break</td>
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<tr>
<td>02:25 pm - 03:00 pm</td>
<td>Research Panel - mHealth and Social media</td>
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## Program - Friday, October 10

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<td><strong>Panelists:</strong></td>
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<td>Anand K. Iyer, PhD, MBA, Chief Data Science Officer, WellDoc.</td>
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<td>Gary Capistrant, Senior Director of Public Policy at American Telemedicine Association (ATA)</td>
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<td>Kevin Patrick, MD, MS, Director, Center for Wireless and Population Health Systems, Calit2</td>
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<td><strong>Moderator:</strong></td>
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<td>Ritu Agarwal, PhD, Professor and Chair of Information Systems, Co-Director of CHIDS, Robert H. Smith School of Business</td>
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<td>9:40am - 10:00am</td>
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<td><strong>Session Chair:</strong></td>
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<td>Wendy J. Nilsen, PhD, Health Scientist Administrator, NIH</td>
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<td><strong>Panelists:</strong></td>
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<td>Sylvia Spengler, PhD, Program Director at National Science Foundation</td>
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<td>Jon I. White, MD, Director, Health Information Technology, Agency for Healthcare Research and Quality</td>
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<td>10:40am - 11:00am</td>
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<td><strong>Session Chair:</strong></td>
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<td></td>
<td>Nirup Menon (George Mason University)</td>
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<td></td>
<td><strong>Optimizing Electronic Health Records for Improved Care Outcomes</strong></td>
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<td></td>
<td>Eric Ford, Lorren Pettit, William R. Wyatt</td>
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<td>Johns Hopkins University, HIMSS Analytics, Healthgrades: How America Finds a Doctor™</td>
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<td>Discussant: Genna Cohen (University of Michigan)</td>
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<td><strong>Technological Innovation and Productivity in Service Delivery: Evidence from the Adoption of Electronic Medical Records</strong></td>
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<td>Rezwan Haque</td>
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<td>Harvard University</td>
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<td>Discussant: Seth Freedman (Indiana University)</td>
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<td><strong>Saving Patient Ryan - Can Advanced Electronic Medical Records Make Patient Care Safer?</strong></td>
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<td>Muhammad Zia Hydari, Rahul Telang, William M. Marella</td>
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<td>Carnegie Mellon University</td>
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<td>Discussant: Jennifer Claggett (University of Virginia)</td>
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Beyond Adoption: Does Meaningful Use of EHR Improve Quality of Care?
Yu-Kai Lin, Mingfeng Lin, Hsinchun Chen
University of Arizona
Discussant: Nirup Menon (George Mason University)

12:30pm - 2:00pm  Lunch, Patient Perspective & Keynote Speaker
Keynote Speaker: Taha A. Kass-Hout, MD, MS, Chief Health Informatics Officer, FDA
Patient Perspective: Tiffany M. Peterson, Tiffany and Lupus Blog

2:00pm - 3:30pm  Session 2 – Health IT and Costs of Care
Session Chair: Kui Du (University of Massachusetts, Boston)
Health Information Exchange and Reduced Healthcare Spending
Idris Adjerid, Julia Adler-Milstein, Corey M. Angst
University of Notre Dame
Discussant: Jiban Kuntia (University of Colorado, Denver)

Does Health Information Exchange Move Patients Through Emergency Departments Faster?
Turgay Ayer, Mehmet Ayvaci, Zeynal Karaca, Jan Vlachy, Herbert S. Wong,
University of Texas
Discussant: Peiyin Hung (University of Minnesota)

Health Information Exchange and Health Care Transitions: Impact of an integrated Inpatient-Outpatient
Electronic Health Record on Follow-up care after Hospital Discharge
Mary Reed, Jie Huang, Richard Brand, Ilana Graetz, Marc Jaffe, Dustin Ballard, Romain Neugebauer, Bruce
Fireman, John Hsu
Kaiser Permanente
Discussant: Gilbert Gimm (George Mason University)

3:30pm - 3:50pm  Coffee Break

3:50pm - 4:30pm  Research Panel – Provider Use of Technology
Do Vendor or Years of Experience with Electronic Health Records Matter for Productivity in Community
Health Center
Bianca K. Frogner, Xiaoli Wu, Leighton Ku, Patricia Pittman, Leah E. Masselink
The George Washington University

Electronic Medical Records and Medical Procedure Choice: Evidence from Cesarean Sections
Seth Freedman, Noah Hammarlund
Indiana University
What Drives the Usage of Secure Messaging: Insights from U.S. Army Hospitals
Vickee Wolcott, Ritu Agarwal, Guodong (Gordon) Gao, Alan Nelson
University of Maryland

I Don't Have Time For That – Examining the Impact of Training on Physicians’ Task Performance
Michael Weber, Gewald, Heiko
Neu-Ulm University

Antecedents of Electronic Medical Record System Roll Back
Kartik Ganju, Paul A. Pavlou
Temple University

Moderator: Jeffrey McCullough (University of Minnesota)

4:30pm - 6:00pm  Short Presentations and Poster Session

Short Presentations:

The Adoption of Home Healthcare Robots: Investigating the Moderating Effect of Demographic Characteristics
Ahmad Alaiad, Lina Zhou, Gunes Koru
University of Maryland, Baltimore County

The Impact of Patient Portals on Patient Care: Evidence from Alert Closures for Diabetes Patients
Yazan Alnsour, Jiban Khuntia, Todd Trautman
University of Colorado Denver

The Impact of Electronic Health Records on Hospital Acquired Adverse Safety Events: Does Intra-operability Matter?
Jaeyong Bae, Jason Hockenberry, Kimberly Rask, Edmund Becker
Emory University

Iakovos M. Katsipis and John S. Baras
University of Maryland

IT-enabled Parenting Advantage: Evidence from Hospital Acquisitions
Kui (Andy) Du
University of Massachusetts, Boston

Implementation of eMAR and CPOE reduces costs and increases flexibility on hospital units
Jennifer Goldsack, Meredith R. Bergey, Elizabeth Brady, Shirley Moran, Edmondo J. Robinson
Christiana Care Health System

Investigating the Antecedents of Organizational Resilience in Hospitals
Victoria Kisekka, Raj Sharman, H.R. Rao, Upadhyaya, Nicole Gerber
University of Buffalo
Would you see a doctor just because anonymous patients vouch for him? A longitudinal study on effect of online patient recommendations on doctor’s appointments.
Aishwarya Deep Shukla Ritu Agarwal, Guodong (Gordon) Gao
University of Maryland

Moderator: Kenyon Crowley (University of Maryland)

Posters:

The Impact of Patient Health Insurance Coverage and Latenthealth Status on Hospital Readmissions
Sezgin Ayabakan, Dr. Indranil R. Bardhan, Dr. Zhiqiang (Eric) Zheng
The University of Texas at Dallas

Hospital Characteristics, Health Information Technology, and Achievement of Meaningful Use
Indranil Bardhan, Li, Jingyun
The University of Texas at Dallas

Facilitating Health Information Exchange Assimilation: The Impact of Transformational Leadership Behaviors
Gerald Elysee
Health Information Technology programs at Benjamin Franklin Institute of Technology (BFIT) in Boston, MA.

Willingness to pay for mobile phone SMS for diabetes in Bangladesh
Shariful Islam, Andreas Lechner, Dewan Alam, Uta Ferrari, Jochen Seissler, Rolf Holle and Louis Niessen
University of Munich

Predictive Analytics for Chronic Care: A Time-to-Event Modeling Framework using Electronic Health Records
Yu-Kai Lin, Hsinchun Chen, Randall Brown, Shu-Hsing Li, Hung-Jen Yang
University of Arizona

Wearable Digital Health Devices and Wellness Incentive Programs for Low-Income Americans
Ronald Roach
Washington-based health equity research and advocacy startup organization

The Effect of Electronic Medical Records on Hospital Efficiency
Ruirui Sun
The Graduate Center of City University of New York
Venue: The Carlyle Club
411 John Carlyle St.
Alexandria, VA 22314
Program – Saturday, October 11

8:00am - 8:30am  Breakfast

8:30am - 9:00am  Keynote Speaker

James B. Rebiterz, PhD, Professor of Management, Economics and Public Policy, Everett V. Lord Distinguished Faculty Scholar, Boston University School of Management

9:00am - 10:30am  Session 3 - Organizational Behavior in Healthcare

Session Chair: Haijing Hao, University of Massachusetts, Boston

A Brief History of Stenting: Antecedents of Organizational Technology Adoption and Abandonment  
Brad Greenwood, Ritu Agarwal, Rajshree Agarwal, Anand Gopal  
Temple University  
Discussant: Bianca Frogner (George Washington University)

Profit Complementarities in Adopting Electronic Medical Records  
Jianjing Lin  
University of Arizona  
Discussant: Emilia Simeonova (Johns Hopkins University)

Estimating the Effects of EMR on Medical Billing Practices: The Role of Hospital Incentives  
Sasha Romanosky, Ellerie Weber, Idris Adjerid  
Carnegie Mellon University and RAND Corporation  
Discussant: Brad Greenwood (Temple University)

The Social Value of IT: Enhancing Hospital Reputation, Legitimacy, and Status through IT  
Rajiv Kohli, Torsten-Oliver Salge, David Antons, Michael Barrett, Eivor Oborn  
RWTH Aachen University, Germany  
Discussant: Haijing Hao (University of Massachusetts)

10:30am - 10:40am  Coffee Break

10:40am - 11:55pm  Session 4 – Coordinated Care

Session Chair: Carolina Herrera (Health Care Cost Institute)

The Impact of EHRs on Cost in Patient-Centered Medical Home Practices  
Genna Cohen, Amanda Markovitz, Michael Paustian, Julia Adler-Milstein  
University of Michigan  
Discussant: Lorens Helmchen(George Mason University)

RFID-Enabled Analysis of Care Coordination and Patient Flow in Ambulatory Care  
Yi-Chin Lin, Rema Padman  
Carnegie Mellon University  
Discussant: Tinglong Dai, Johns Hopkins University

A Mixed Method Study of Information Availability on Pregnancy Outcomes  
Chad Meyerhoefer, Susan Sherer, Mary Deily, Shin-Yi Chou, Lizhong Peng, Tianyan Hu, Marion Nihen, Michael Sheinberg, Donald Levick  
Lehigh University  
Discussant: Carolina Herrera (Health Care Cost Institute)
Awards to be given for Best Papers and Poster

Session Chair: Sankara-Subramanian Srinivasan, Idaho State University

Usage of Electronic Patient Portals and their Impact on Patient Health Outcomes
Harpreet Singh, Indranil Bardhan, Kirk Kirksey
University of Texas at Dallas
Discussant: Changmi Jung (Carnegie Mellon University)

The POEM Study: Testing the Impact of a Digital Health Platform in U.S. Veterans with Epilepsy
Kate Bertko, John D. Hixson
University of California San Francisco and San Francisco VA Medical Center
Discussant: Jaeyong Bae (Northern Illinois University)

Drivers and Deterrents of Affordable Care Act Enrollment: A State Level Analysis
Niam Yaraghi, Darrell M. West, Ram D. Gopal, Ram Ramesh
The Brookings Institution
Discussant: Sankara-Subramanian Srinivasan, Idaho State University

Applications of Contingent Valuation and Conjoint Analysis In mHealth: Understanding the Willingness to Pay for Healthcare Smartphone Applications
Thomas Martin
HIMSS North America

Matching Social Support and Health Outcome in an Online Weight Loss Community
Lu Yan, Yong Tan
Indiana University

Understanding Health and Health Related Behavior of Users of Internet Health
Matthew Wimble
University of Michigan-Dearborn

Can we Trust Online Physician Ratings? Evidence from Cardiac Surgeons in Florida
Huaxia Rui, Susan F. Lu
University of Rochester
Credibility of Health Information – An Assessment of Online Diabetes Community
Srikanth Venkatesan, Wencui Han, Dr. Raj Sharman, Dr. Harshitha Shastri, Dr. Amarinder Singh and Dr. Ranjit Singh
State University of New York at Buffalo

Moderator: Guodong (Gordon) Gao (University of Maryland)

3:00 pm Adjourn

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