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ROBERT H. SMITH SCHOOL OF BUSINESS
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WHITE
WORKSHOP ON
HEALTH IT AND
ECONOMICS

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

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

Saturday Oct 11, 2014

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

Program - Friday, October 10

8:00am - 8:30am Breakfast and Opening Remarks

8:30am - 9:00am Keynote Speaker

Kelly Cronin, Director of the Office of Care Transformation, ONC

9:00am - 9:40am Panel 1 – Technology-enabled Ubiquitous Care

Panelists:

Anand K. Iyer, PhD, MBA, Chief Data Science Officer, WellDoc.

Gary Capistrant, Senior Director of Public Policy at American Telemedicine Association (ATA)

Kevin Patrick, MD, MS, Director, Center for Wireless and Population Health Systems, Calit2

Moderator: Ritu Agarwal, PhD, Professor and Chair of Information Systems, Co-Director of CHIDS, Robert H. Smith School of Business

9:40am - 10:00am Break

10:00am - 10:40am Panel II - Research Priorities in Health IT and Funding Opportunities

Session Chair: Wendy J. Nilsen, PhD, Health Scientist Administrator, NIH

Panelists:

Sylvia Spengler, PhD, Program Director at National Science Foundation

Jon I. White, MD, Director, Health Information Technology, Agency for Healthcare Research and Quality

10:40am - 11:00am Coffee Break

11:00am - 12:30pm Session I – Meaningful Use of Health IT

Session Chair: Nirup Menon (George Mason University)

Optimizing Electronic Health Records for Improved Care Outcomes

Eric Ford, Lorren Pettit, William R. Wyatt

Johns Hopkins University, HIMSS Analytics, Healthgrades: *How America Finds a Doctor*™

Discussant: Genna Cohen (University of Michigan)

Technological Innovation and Productivity in Service Delivery: Evidence from the Adoption of Electronic Medical Records

Rezwan Haque

Harvard University

Discussant: Seth Freedman (Indiana University)

Saving Patient Ryan - Can Advanced Electronic Medical Records Make Patient Care Safer?

Muhammad Zia Hydari, Rahul Telang, William M. Marella

Carnegie Mellon University

Discussant: Jennifer Claggett (University of Virginia)

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)

The Spillover Effects of Health IT Investments on Regional Health Care Costs

Hilal Atasoy, Pei-yu Chen, Kartik Ganju

Temple University

Discussant: Kui Du (University of Massachusetts, Boston)

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, Gewalt, 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

A Systems Engineering Framework for Multi-Criteria Performance Evaluation of Healthcare Process and Systems
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 Latent Health 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

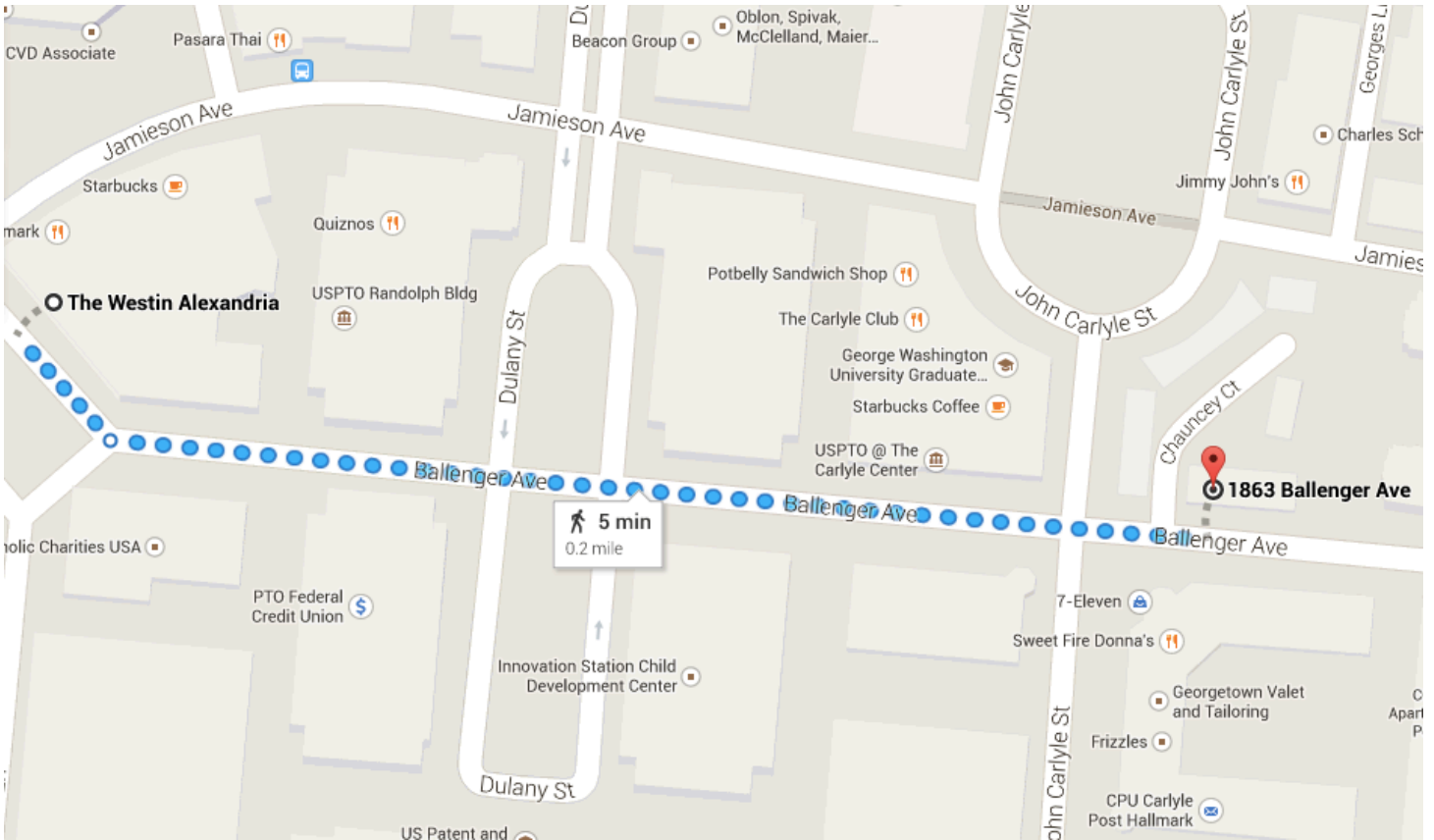
The Effect of Electronic Medical Records on Hospital Efficiency

Ruirui Sun

The Graduate Center of City University of New York

6:15pm - 8:00pm Reception

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. Rebitzer, 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)

11:55pm - 12:45pm Awards Luncheon

Awards to be given for Best Papers and Poster

12:45pm - 2:15pm Session 5 – Patient Engagement

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

2:15pm - 2:25pm Coffee Break

2:25pm - 3:00pm Research Panel – mHealth and Social Media in Healthcare

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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