

**SIG-Health 2009
Pre-AMCIS Workshop
for
JAIS Special Issue
on Healthcare IT**

Workshop Program

August 6, 2009

TABLE OF CONTENTS

Schedule of the day.....	2
Guest Speakers	3
Paper Roundtables	4
Table 1 – Strategy/Orgnaizational	4
Table 2 – Work/Individual Level.....	4
Table 3 – Design Science.....	5
Table 4 – Cognitive	5
Table 5 – Security, Privacy, Data Sharing	6
Table 6 – Adoption/Diffusion.....	6
Workshop Participant List.....	7
Lunch Menu	8
AMCIS 2009 SIG–Health Events.....	9
Mini Tracks	9
Annual Meeting Information.....	9
Annual Dinner Information.....	9

SCHEDULE OF THE DAY

Start	End	Activity	Led by
8:00	8:30	Registration	Cindy LeRouge, SIG-Health Chair Ann Fruhling, SIG-Health Publications Coordinator
8:30	8:45	Welcome and Introduction - General schedule for the day - Introductions of table leaders - Logistics	Bob Folden, SIG-Health Interim Resource Chair and Budget Officer
8:45	10:15	Round Table Session 1 - Introductions around table - Guidelines from Table leaders - Round table session for full works in progress (one paper at each table – about 45 minutes) - Discussion of one abstract	Table leaders/ JAIS AE's
10:15	10:30	Break	
10:30	11:45	Round Table Session 2 - Discussion of all remaining abstracts for the table (about 20 minutes each)	Table leaders/ JAIS AE's
11:45	1:00	Lunch and Speakers - SIG-Health Updates - Introduction of SIG-Health officers - JAIS special issue - SIG-Health AMCIS events	Cindy LeRouge, SIG-Health Chair Mark Gaynor, SIG-Health AMCIS Officer
1:00	1:45	Guest Speaker Presentation Publishing in a health informatics journal	Madhu Reddy
1:45	2:00	Break	
2:00	3:15	Panel Presentation Grant Writing	Al Hevner Kristin Tolle Tom Horan
3:15	3:30	Closing - Publication reminders	Ann Fruhling, SIG-Health , Publications Coordinator Cindy LeRouge, SIG-Health, Chair

GUEST SPEAKERS

Madhu Reddy - Dr. Madhu Reddy is an Assistant Professor in the College of Information Sciences and Technology at Penn State University. He received his Ph.D. in Information and Computer Science from the University of California, Irvine. Dr. Reddy's primary research interests are in the areas of Medical Informatics and Computer Supported Cooperative Work. He is especially interested in the design, implementation and adoption of collaborative healthcare technologies such as electronic patient records. Dr. Reddy's current research is focused on how these and other technologies can support information behavior in multidisciplinary patient-care teams. He has published his research in the leading medical informatics journals including *Journal of the American Medical Informatics Association*, *Journal of Biomedical Informatics*, *International Journal of Medical Informatics*, and *Methods of Information in Medicine*. Dr. Reddy has also served as a reviewer for these and other healthcare informatics journals.

Alan R. Hevner - Alan R. Hevner is an Eminent Scholar and Professor in the Information Systems and Decision Sciences Department in the College of Business at the University of South Florida. He holds the Citigroup/Hidden River Chair of Distributed Technology. Dr. Hevner's areas of research interest include information systems development, software engineering, distributed database systems, healthcare information systems, and service-oriented computing. He has published over 150 research papers on these topics and has consulted for a number of Fortune 500 companies. Dr. Hevner received a Ph.D. in Computer Science from Purdue University. He has held faculty positions at the University of Maryland and the University of Minnesota. Dr. Hevner is a member of ACM, IEEE, AIS, and INFORMS. Recently, he served as a program manager at the U.S. National Science Foundation in the Computer and Information Science and Engineering (CISE) Directorate.

Kristin M. Tolle - Kristin M. Tolle, Ph.D. is the Senior Research Program Manager for Microsoft External Research in the Health and Wellbeing team. Since joining Microsoft, Dr. Tolle has applied for several patents and worked for several product teams including the Natural Language Group, Visual Studio, and Excel. Prior to joining Microsoft, Kristin was a Research Fellow for the National Library of Medicine and a Research Associate at the University of Arizona Artificial Intelligence Lab managing the group on medical information retrieval and natural language processing. Her research interests include, natural language processing, automatic ontology capture, medical data mining, medical data confidentiality, body sensors, body sensor networks, and medical information retrieval. Her External Research funding activities include computational challenges associated with genome-wide association studies (GWAS) and devices, sensors and mobility as technologies for the enablement of global public healthcare. She reads hundreds of grants per year in both of these areas.

Thomas A. Horan - Thomas A. Horan, Ph.D. is Associate Professor, School of Information Systems and Technology and Director of the Kay Center for E-Health Research, Claremont Graduate University, Claremont, California. Dr. Horan specializes in the design and assessment of electronic health systems in a variety of community and health service settings. He has served as Principal Investigator for over \$3 million in grants, including funding from the National Science Foundation, California HealthCare Foundation, Blue Shield Foundation, Kay Family Foundation, Social Security Administration and Department of Transportation. In addition, Dr. Horan has served on the American Health Information Community (AHIC) Consumer Empowerment Workgroup and is currently engaged in several commercializing activities. Dr. Horan has over published over 30 technical articles and two books on information systems. He has both his Masters and Doctoral degrees from Claremont Graduate University.

PAPER ROUNDTABLES

TABLE 1 – STRATEGY/ORGANIZATIONAL

Paper Title: Understanding the Relationship between Strategy and Information Technology in the Health Care Context

Represented by: Lorraine S. Lee

Abstract Title: Chronic Disease Management via IT based Medication Compliance

Represented by: Sweta Sneha

Abstract Title: Materializing the Personal Health Record: Investigating an Organizing Vision for Health Information Technology

Represented by: Elizabeth Davidson

Abstract Title: A Patient Center Perspective on Inter-organizational Electronic Medical Records (EMR)

Represented by: Richard Klein

Abstract Title: The E-health Conundrum – Research Issues and Challenges

Represented by: Sweta Sneha

TABLE 2 – WORK/INDIVIDUAL LEVEL

Paper Title: An Enriched Understanding of the "Fit" Between People, Task, Environment and Technology in Patient Care

Represented by: Chon Abraham

Abstract Title: EHR Affordances and their Actualizations

Represented by: Diane Strong and Olga Volkoff

Abstract Title: Socio-Material Matters in Emergency Departmental Work

Represented by: Pernille Bjorg

Abstract Title: Facilitating Patient-Provider Communication of Locked-in Persons

Represented by: Adriane B. Randolph

Abstract Title: Standardized Cancer Pathways: Layers of Sorting out Patients Suspected with Cancer

Represented by: Naja Holten Møller

TABLE 3 – DESIGN SCIENCE

Paper Title: Dealing with Tight Couplings and Multiple Interactions in Complex Technological Systems
Represented by: Tina Blegind Jensen

Abstract Title: Using Design Science Approaches for Health-IT Research
Represented by: Upkar Varshney

Abstract Title: A Design Science Approach for Computer Enhanced Medicine
Represented by: Mark Gaynor

Abstract Title: A Framework for Smart Healthcare Situations and Smart Drugs
Represented by: Upkar Varshney

Abstract Title: Measuring Effects of Spatial Decision Support Tools'
Represented by: Alvin Tarrell

TABLE 4 – COGNITIVE

Paper Title: Socio-Cognitive Assessment of Physicians' Engagement with Electronic Medical Records (EMR): A Three-Country Study of Pre and Post EMR Implementation Beliefs
Represented by: Virginia Ilie

Abstract Title: Intentional Discretion and Process Cognitive Coordination in the Epidemiology Database
Represented by: Theresa Edgington

Abstract Title: Changing Cross-Organizational Collaborative Structures in Healthcare via IS: Exploring Electronic Prescribing
Represented by: Nelson King

Abstract Title: An Analysis of the Influence of Human Individual Differences On Web Searching Behavior among Women: A Case of Health Information Searching
Represented by: Allison Morgan

Abstract Title: Linking Heterogeneity in Electronic Medical Records System Use with Physician Strategies for Managing and Learning from Uncertainty
Represented by: Holly J. Lanham

TABLE 5 – SECURITY, PRIVACY, DATA SHARING

Paper Title: Do Security Measures Affect the Adoption of Electronic Health Record Systems?

Represented by: Alex McLeod

Abstract Title: Toward a Framework for Interorganizational Health Data Sharing: Evidence from a Public-Private Collaboration

Represented by: Sue Feldman

Abstract Title: Specifying Access in a Dynamic Medical Environment: An Abstract

Nilmini Wickramasinghe

Abstract Title: Pediatric Private Practice on National Health Information Network

Represented by: Mark Ginsburg

Abstract Title: Understanding Conditions of Trust and the Impact on EMR Adoption and Assimilation

Represented by: Melvin Williams

TABLE 6 – ADOPTION/DIFFUSION

Paper Title: Pilot Implementation of Health Information Systems: Issues and Challenges

Represented by: Jorgan P. Bansler and Erling Havn

Abstract Title: Exploring the Clinician Opinion Leaders' Role in the Diffusion of Electronic Medical Records

Represented by: Lisa A Grabenbauer

Abstract Title: Cultural Influence Factors on the User Acceptance of Ambient Systems to Avoid Medication Errors in Hospitals

Represented by: Tyge-F Kummer and Markus Bick

Abstract Title: Current Trends and Projected Trajectories in Adoption of Three E-Health Services

Represented by: E. Vance Wilson

Abstract Title: Towards an Understanding of Success in Healthcare Information Systems

Represented by: Ann Fruhling

WORKSHOP PARTICIPANT LIST

First Name	Last Name	Participates as	Table No
Dorothea (Chon)	Abraham	Author	2
Maged	Ali	Participant	1
Joergen	Bansler	Author	6
Markus	Bick	Author	6
Pernille	Bjorn	Author	2
Nina	Boulus	Participant	4
Mike	Chiasson	Participant	1
Q	Chung	Participant	3
Elizabeth	Davidson	Author	1
Dana	Edberg	Participant	5
Theresa	Edgington	Author	4
Sue	Feldman	Author	5
Ann	Fruhling	Author	6
Mike	Gallivan	Participant	2
Mark	Gaynor	Author	3
Mark	Ginsburg	Author	5
Lisa	Grabenbauer	Author	6
Ashish	Gupta	Participant	3
Gary	Hackbarth	Participant	2
Erling	Havn	Author	6
Barbara	Hewitt	Author	5
Virginia	Ilie	Author	4
Tina	Jensen	Author	3
Iris	Juglas	Author	2
Bev	Kahn	Participant	5
Nelson	King	Table Lead	4
Richard	Klein	Author	1
Tyge-F	Kummer	Author	6
Holly	Lanham	Author	4
Yunhee	Lee	Participant	3
Lorraine S.	Lee	Author	1
Cynthia	LeRouge	Lead	
Alex	McLeod	Author	5
Naja	Moller	Author	2
Allison	Morgan	Author	4
Francisco	Moro	Participant	4
Lorie	Obal	Participant	1
Guy	Pare	Table Lead	6
Jeff	Pittaway	Participant	1
Adriane	Randolph	Author	2
Elizabeth	Regan	Participant	2
David	Rueckel	Participant	4
Surendra	Sarnikar	Participant	3
Sweta	Sneha	Author	1
Katharina	Steininger	Participant	4

First Name	Last Name	Participates as	Table No
Diane	Strong	Table Lead	2
Peter	Summons	Participant	5
Ali	Sunyaev	Participant	6
Alvin	Tarrell	Author	3
Carlos	Thomas	Participant	2
Kristin	Tolle	Participant	5
Bengisu	Tulu	Table Lead	1
Jos	Van Hillegersberg	Participant	6
Upkar	Varshney	Table Lead	3
Olga	Volkoff	Author	2
Nilmini	Wickramasinghe	Table Lead	5
Melvin	Williams	Author	5
E. Vance	Wilson	Author	6

LUNCH MENU

Salads

- Lump crab panzanella salad with blood orange vinaigrette
- Roasted beet salad with arugula, sonoma valley fresh goat cheese, toasted pine nuts and balsamic vinaigrette
- Baby spinach salad with maple pepper bacon, roasted mushrooms, tear drop tomatoes, point reyes bleu and dijon vinaigrette

Entrees

- Sage roasted chicken breast with honey jus
- Grilled flat iron steak with sterling® cabernet reduction

Sides

- Gorgonzola smashed potatoes
 - Buttered asparagus

Desserts

- German chocolate cake
- Spiced carrot cake

Drinks

- Freshly brewed iced tea
- Starbucks® coffee and tazo® tea

AMCIS 2009 SIG-HEALTH EVENTS

MINI TRACKS

(All mini-track sessions are in Pacific Suite J.)

Time	Thursday, Aug 6	Friday, Aug 7	Saturday, Aug 8	Sunday, Aug 9
8:30 – 10:00	SIG-Health workshop (pre-registration required)	Reforming Healthcare: Policies, Practices and Processes	Electronic Medical Records and IT II	Consumer-Centric Health Information Systems
10:30 – 12:00		Nurturing Healthcare IT Success I	Electronic Medical Records and IT III	Electronic Health Information Systems
12:15 – 1:00	Lunch Included			
1:00 – 2:30	Workshop ends at 3:30	Mini-track chair meeting	Nurturing Healthcare IT Success II	
2:30 – 4:00		E-knowledge in Healthcare	Business Process Management and Innovation	
4:30 – 6:00		Electronic Medical Records and IT I		
6:15 – 8:00		<u>SIG-Health Annual Meeting</u> (Pacific Suite C)		
8:00		<u>SIG-Health Dinner</u> (Mission Steak House - Marriot)		

ANNUAL MEETING INFORMATION

The meeting date and time for the SIG-Health Annual Meeting is on Friday 7th of August from 6:15pm-8:00pm in Pacific Suite C.

ANNUAL DINNER INFORMATION

The annual SIG-Health dinner will be held Friday at 8:00pm after the SIG-Health Annual Meeting. Dinner is at the Mission Steak House located in the Marriot Hotel.