

Special Interest Group in Healthcare Association for Information Systems



SIGHealth Newsletter

Volume 5 ■ Issue 2 ■ July 2012

Editor's Notes...

Greetings!

We have revised the frequency of our SIGHealth newsletter into a quarterly format, with plans to publish future issues in September 2012, January 2013, and April 2013. In the July issue, our first article reports the activities and plans of our SIGHealth president, Vance Wilson. The other feature articles offer details on SIGHealth activities during the upcoming AMCIS conference in Seattle, Washington. AMCIS 2012 features a SIGHealth pre-conference workshop, eight SIGHealth paper sessions, ten SIGHealth poster presentations, and a SIGHealth panel. Also during AMCIS 2012 on Friday, August 10th, we will also hold our annual business meeting from 6:00PM – 7:00 PM.

In closing, I would like to continue the call to the SIGHealth membership for help in identifying SIGHealth resources. I hope you will share your practitioner and research experiences with other SIGHealth members through contributions to your newsletter. We have established a Gmail account (sighealthnewsletter@gmail.com) to expedite your submissions. Content received during each quarter will appear in the up-coming issue and timely material can be added to the SIGHealth Website or bundled into a special newsletter issue. Suggested content categories are:

- News about SIGHealth members (up to 300 words)
- We welcome SIGHealth related essays (about 900 words) from industry professionals.
- News and approaches to teaching e-health (up to 1800 words)
- “How to’s” on research methods, getting papers published, reviewing papers, etc.
- Any other announcements (up to 300 words for each item).

In the meantime, please remember to re-designate your membership in SIGHealth when you renew your AIS membership during conference registration.

This newsletter issue also highlights upcoming networking and publishing opportunities for regional and international workshops and conferences, with more details posted via <http://www.aissighealth.com>.

Warmest regards,

Jim Ryan, Ph.D.

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Feature Articles...**President's Report...****Vance Wilson**

During the second quarter of 2012, my efforts have been focused on executing the reorganization of SIG-Health that began with revision of our bylaws in March and in setting up SIG-Health events at AMCIS 2012 (Americas Conference on Information Systems), being held this year in Seattle, WA. Here is a month-by-month recap of those activities.

May –“Health-IS Professional Development” was set to be the theme of our pre-AMCIS workshop for 2012. In order to guide the workshop agenda, we sent an email survey to SIG-Health members asking them about interests in teaching and research areas. Responses indicate that members have strong interests in both teaching and research, so we set out to address both aspects in the workshop.

June – A nominating committee chaired by Immediate Past President Rich Klein recruited candidates for President-Elect, Secretary, and Treasurer elected SIG-Health offices. These are new positions brought about by revising SIG-Health Bylaws in March to conform with new AIS standards. After elections are completed, we will have a full executive board comprising President-Elect, President, Immediate Past President, Secretary, and Treasurer. Each position is a two-year term, however, the initial Secretary will be elected for three years in order to alternate election years for Secretary and Treasurer positions.

July – Panel discussants, roundtable directors, and speakers for the pre-AMCIS workshop were confirmed, and you can view a full agenda in a separate article in this newsletter. Elections were opened with Gondy Leroy of Claremont Graduate University nominated for President-Elect, Gary Hackbarth of Northern Kentucky University for Secretary, and Ann Fruhling of the University of Nebraska-Omaha for Treasurer.

Looking forward to AMCIS 2012 – All successful conferences require lots of work, and I want to thank all the SIG-Health members who volunteered their time to organize AMCIS events. Along with our pre-AMCIS workshop, eight paper minitracks and a poster session are being sponsored by SIG-Health. In addition, you are invited at 4:00 PM Thursday (August 9) to come to a panel moderated by Priscilla Arling in which Rich Klein, Gordon Gao, and I will take a shot at “Reflecting on the Role of IT and IT Research in Healthcare: Moving Healthcare Research into Practice.”

SIG-Health Business Meeting – AMCIS is where we hold our annual business meeting, which is scheduled to run from 6:00 to 7:00 PM on Friday (August 10) in the Aspen Room on the second floor of the Seattle Sheraton. I hope to see you there!

Vance Wilson,
SIG-Health President (2012-2014)

AMCIS 2012 Itinerary Planner...**Jim Ryan**

The AMCIS 2012 schedule is online, again this year, as an available link from the AIS website (<http://amcis2012.abstractcentral.com/planner>). The scheduling tool allows AMCIS attendees to browse online the pre-conference activities, 14 panel sessions, 6 workshops, 15 ancillary meetings, 24 tracks, 484 paper abstracts, and 86 poster presentations—prior to your arrival. Moreover, individuals who cannot attend are able to see conference activities and share in the knowledge dissemination.

The scheduling tool allows conference attendees to map and plan their itinerary, day-by-day, with schedule conflicts highlighted. AMCIS attendees can browse and search conference activities by day or type, creating their own individualized conference itinerary that can be saved or shared with colleagues. For AMCIS 2012, all SIGHealth paper presentations will be held in the Jefferson room, located in the Union Street Tower on the 4th floor of the conference hotel (Seattle Sheraton). The following schedule of SIGHealth paper presentations were pulled from the itinerary planner.

**THURSDAY, AUGUST 9**

IS in Healthcare 1; Chair(s): Derrick Huang (NA); 2:00 PM - 3:30 PM; Jefferson A

AMCIS-1209-2012.R1. The Influence of EHR Components on Admission Decisions; *Ofir Ben-Assuli; Moshe Leshno; Itamar Shabtai*

AMCIS-1103-2012.R1. Factors Influencing Patients' Perceptions toward Electronic Medical Record (EMR) Use: A Conceptual Model; *Mohammed Rahman; Myung Ko*

AMCIS-1188-2012.R1. Information Security Principles for Electronic Medical Record (EMR) Systems; *Mohammed Rahman; Christopher Kreider*

AMCIS-1712-2012.R2. A Profile of Rejecters of Electronic Medical Record Technology; *Andrew Schwarz; Colleen Schwarz; Ron Cenfetelli*

IS in Healthcare 2; Chair(s): Derrick Huang (NA); 4:00 PM - 5:30 PM; Jefferson A

AMCIS-1683-2012.R2. Extending the Technology Acceptance Model in Healthcare: Identifying the Role of Trust and Shared Information; *Sabrina Terrizzi; Susan Sherer; Chad Meyerhoefer; Michael Scheinberg; Donald Levick*

AMCIS-1772-2012.R2. Evaluating the impact of EHR on clinical reasoning performance: A TTF perspective; *Matthew Wills; Omar El-Gayar; Amit Deokar*

AMCIS-1727-2012.R2. Impact of Software Ecosystems on the Implementation of Open Source-Based Electronic Health Record Software; *Donald Wynn; Renee Pratt; Randy Bradley*

FRIDAY, AUGUST 10

IS in Healthcare 3; Chair(s): Diane Strong (Worcester Polytechnic Institute); 10:30 AM - 12:00 PM; Jefferson

AMCIS-1723-2012.R1. Some Promising Areas for IS Research in the Healthcare Industry: Implications from a Case Study of Hospital Operation Room Scheduling; *Charu Chandra; Jun He; Zhixin Liu; Toni Ruohonen*

AMCIS-1837-2012.R1. Governance in Hospitals - The Case of Business Process Alignment; *Hannes Schlieter; Martin Juhirsch; Gunnar Dietz; Werner Esswein*

AMCIS-1152-2012.R1. Whole Networks versus Inter-organizational Systems: Exploring Common Ground for US E-prescribing; *Nelson King*

AMCIS-1814-2012.R1. Implementing Radio Frequency Identification within the Perioperative Process: A Case Study Perspective; *James (Jim) Ryan; Barbara Doster; Sandra Daily; Carmen Lewis; Rosemary Glass*

IS in Healthcare 4; Chair(s): Bengisu Tulu (Worcester Polytechnic Institute); 1:30 PM - 3:00 PM; Jefferson

AMCIS-1768-2012.R2. Sustaining Gains: Short Message Service (SMS)-Geographic Information Systems (GIS) Enabled Model for Diabetes Self-Care; *Joanne Adeyemi; Rondalynne McClintock; Victoria Kisekka; Yoonmi Lee*

AMCIS-1752-2012.R1. Tapping into the Health Wisdom of Crowd: Trends in Healthcare Social Networks; *Alaa Al-Kadi; Samir Chatterjee*

AMCIS-1197-2012.R1. Consumer Perceptions of the Adoption of Electronic Personal Health Records: An Empirical Investigation; *Mihail Cocosila; Norman Archer*

AMCIS-1185-2012.R2. Cues from Doctor: Role of Media in Reinforcing Life Changing Interventions; *Kaushik Ghosh; Sudhir Chawla*

IS in Healthcare 5; Chair(s): Diane Strong (Worcester Polytechnic Institute); 3:30 PM - 5:00 PM; Jefferson

AMCIS-1275-2012.R1. Investigating the Reciprocal Relationships Within Health Virtual Communities; *Nima Kordzadeh; Charles Liu; Yoris Au; Jan Clark*



AMCIS-1214-2012.R1. Patient-Centered E-Health: A Status Report; *Vance Wilson; Weiyi Wang; Steven Sheetz; James Connolly*

AMCIS-1148-2012.R1. Does Electronic Physician-to-Patient Communication Improve the Quality of Care in an Ambulatory Setting?; *James Wolf*

AMCIS-1842-2012.R1. Designing and Visualising Healthcare Delivery Systems; *Phil Joyce*

SATURDAY, AUGUST 11

IS in Healthcare 6; Chair(s): Nilmini Wickramasinghe (RMIT University); 10:30 AM - 12:00 PM; Jefferson

AMCIS-1807-2012.R2. Using a Mobile Multimedia System to Improve Information Exchange in EMS.; *Yousef Abed; Benjamin Schooley; Abdullah Murad; Thomas Horan*

AMCIS-1118-2012.R1. Architecture and Design of a Patient-Friendly eHealth Web Application: Patient Information Leaflets and Supplementary Services; *Tobias Dehling; Ali Sunyaev*

AMCIS-1117-2012.R2. Adoption of Pervasive e-Health Solutions: The Need For an Appropriate Regulatory Framework; *Nilmini Wickramasinghe; Indrit Troshani; Steve Goldberg*

AMCIS-1689-2012.R3. A Roadmap to Evaluate Lean Six Sigma E-Health Reference Architectures Using a Fuzzy Group Bi-Objective LINMAP; *Faramak Zandi; Andrew S. Borchers*

SIGHealth7. IS in Healthcare 7; Chair(s): Raj Sharman (University at Buffalo); 1:30 PM - 3:00 PM; Jefferson, 4th Floor

AMCIS-1424-2012.R1. Spinning the Web of Care: Logics of IT in the Healthcare Marketplace; *Anthony Baroody*

AMCIS-1106-2012.R2. Security Practices and Regulatory Compliance in the Healthcare Industry; *Juhee Kwon; M. Eric Johnson*

AMCIS-1427-2012.R2. The Role of Demographic Characteristics in Health Care Strategic Security Planning; *Sushma Mishra; Gregory Leone; Donald Caputo; Robert Calabrisi; Peter Draus*

AMCIS-1445-2012.R1. Automated Transformation of Semi-Structured Text Elements; *Johannes Heurix; Antonio Rella; Stefan Fenz; Thomas Neubauer*

SIGHealth8. IS in Healthcare 8; Chair(s): Ann Fruhling (University of Nebraska, Omaha); 3:30 PM - 5:00 PM; Jefferson, 4th Floor

AMCIS-1072-2012.R1. Tailoring Software Process Capability/Maturity Models for Telemedicine Systems; *Christiane Gresse von Wangenheim; Aldo von Wangenheim; Jean Hauck; Fergal McCaffery; Luigi Buglione*

AMCIS-1634-2012.R2. Technology and the Internet as a key component in psychosocial care of Somatic diseases; *Ruth Lochan*

AMCIS-1415-2012.R1. Understanding Dynamic Collaboration in Teleconsultation; *Ziyu YAN; Xitong Guo*

AMCIS 2012 Consolidated SIGHealth Activities...

Rich Klein

The following list is a grouping of consolidated SIGHealth activities occurring during AMCIS 2012 and the floor plans (http://www.starwoodhotels.com/sheraton/property/meetings/overview_map.html?propertyID=460) for each meeting room. We thank you for your participation and we look forward to seeing you in Seattle.

THURSDAY, AUGUST 9

8:00 AM - 12:30 PM—SIGHealth Professional Development Workshop; Ravenna BC, 3rd Floor

2:00 PM - 3:30 PM—SIGHealth1. IS in Healthcare 1; Jefferson A, 4th Floor

4:00 PM - 5:30 PM—SIGHealth2. IS in Healthcare 2; Jefferson A, 4th Floor

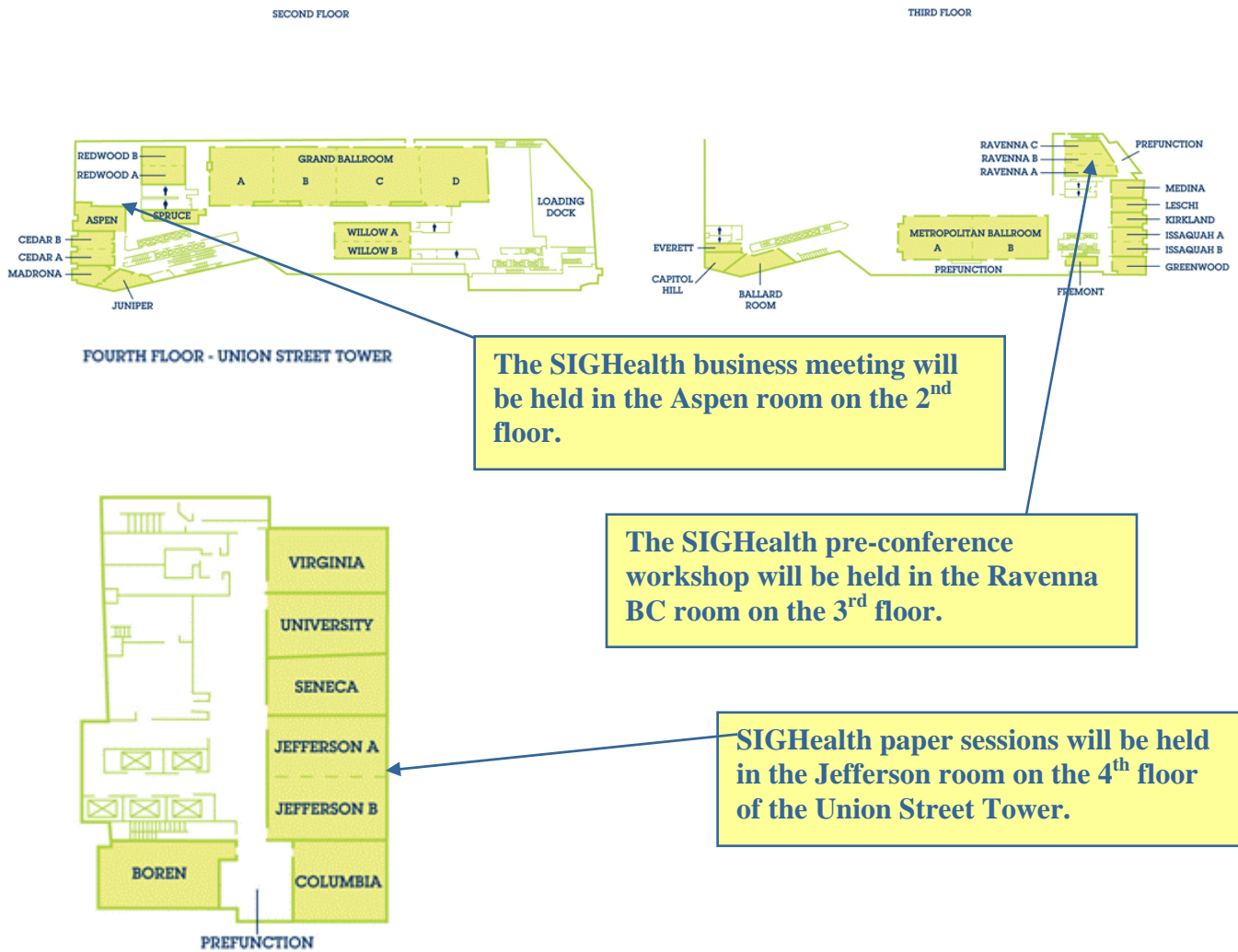


FRIDAY, AUGUST 10

- 10:30 AM - 12:00 PM—SIGHealth3. IS in Healthcare 3; Jefferson, 4th Floor
- 1:30 PM - 3:00 PM—SIGHealth4. IS in Healthcare 4; Jefferson, 4th Floor
- 3:30 PM - 5:00 PM—SIGHealth5. IS in Healthcare 5; Jefferson, 4th Floor
- 6:00 PM - 7:00 PM—SIG-Health Business Meeting; Aspen, 2nd Floor

SATURDAY, AUGUST 11

- 10:30 AM - 12:00 PM—SIGHealth6. IS in Healthcare 6; Jefferson, 4th Floor
- 1:30 PM - 3:00 PM—SIGHealth7. IS in Healthcare 7; Jefferson, 4th Floor
- 3:30 PM - 5:00 PM—SIGHealth8. IS in Healthcare 8; Jefferson, 4th Floor



Pre-AMCIS Health-IS Professional Development Workshop...

Vance Wilson

Date: 8am – 12:30pm, Thursday August 9 immediately prior to AMCIS 2012

Location: Ravenna BC Rooms, Seattle Sheraton (AMCIS 2012 conference hotel)

Schedule of Events:



- 8:00-8:30am Meet and greet attendees
- 8:30-9:45am “Effective Healthcare Informatics Teaching Strategies: Finding the Right Road” panel presentation and discussion by Gary Hackbarth (Northern Kentucky University), Monica Chiarini Tremblay (Florida International University), and Ann Fruhling (University of Nebraska-Omaha).
- 10:00-11:30am Health-IS Research and Teaching Roundtables: In the Research Roundtable, participants will present and discuss research currently underway as well as ideas for future studies. The Teaching Roundtable offers participants the opportunity to continue informal discussion stemming from the teaching strategies panel
- 11:45-12:30pm “Research and Publication Opportunities in Health-IS: A 2012 Update” presentation by Vance Wilson, SIG-Health President and Supervising Editor of the Information Systems and Healthcare Department of Communications of the Association for Information Systems (CAIS)

Attendees: This workshop is oriented toward enhancing Health-IS teaching and research by AIS members. We make a special invitation to the following groups:

- PhD students with interest in Health-IS teaching or research
- Junior faculty interested in achieving tenure and promotion based upon Health-IS teaching or research
- Senior faculty interested in adding Health-IS teaching or research to their skillset

Cost and Registration: There is no cost to attend this workshop, but registration is required for workshop admission. Pre-registration is recommended. See details at <http://www.aissighealth.com/wordpress/?p=421>

Quick Response Code (QR code) for SIGHealth...

Mike Dohan



QR code (abbreviated from Quick Response Code) is a type of matrix barcode that has gained commonality with the advent of smartphones. QR’s provide quick and effortless access to websites and thanks to Mike, here is SIGHealth’s QR.

Networking Opportunities...

Spread the word: SIGHealth is a group on **LinkedIn**

July 2012...Renewal of AIS Membership and Re-designating SIGHealth Interest

Many colleagues renew their AIS membership during conference registration. Please be aware that when you renew your AIS membership, you must also re-designate your interest in SIGHealth. Currently, membership in SIGHealth is \$10 USD per year. Not sure if you have paid your SIGHealth membership? A current listing of SIGHealth members is available on the SIGHealth Web page www.aissighealth.com.

[More Details...](#)

August 2012... 18th Americas Conference on Information Systems

- Dates: August 9 – 11, 2012 (AMCIS starts on Thursday PM this year.)
- Location: Seattle, Washington
- Registration: On-site registration starting July 31, 2012.



[More Details...](#)



August 2012... AMCIS Panel | Reflecting on the Role of IT and IT Research in Healthcare: Moving Healthcare Research into Practice

Date / Time: Thursday AM, August 9, 2012

Location: Sheraton Seattle, Room TBA

Today's healthcare organizations face challenges of unprecedented complexity, breadth and intensity. Only a fraction of new scientific discoveries enter day-to-day clinical practice. To aid in the implementation of research into practice, healthcare organizations frequently turn to technology. However, even with the aid of technology, research often fails to be fully integrated into patient treatment. Part of the reason is due to the complexity of the healthcare system, which includes patients, providers, management, and local community input, all of which are influenced by the current political and economic environment. In addition, some authors have noted that studies have often lacked a rigorous scientific approach that would aid in predicting success in future implementations. Panelists will consider how the foundation theories and research in IT, as well as information technology itself, can be used to inform and facilitate the implementation of healthcare research into practice. Participation from the audience will be encouraged.

Panel Speakers:

Priscilla A Arling (Moderator), Gordon Gao, Richard Klein, and E. Vance Wilson

[More Details...](#)

December 2012... International Conference on Information Systems (ICIS)

Dates: December 16 – 19, 2012

Location: Orlando, Florida

Registration: Opens September 1, 2012.



[More Details...](#)

January 2013... 46th Hawaiian International Conference on Systems Sciences (HICSS)

Dates: January 7 – 10, 2013

Location: Grand Wailea, Maui, Hawaii

Registration: Early registration until October 1, 2012.

Cost: \$625 – early | \$695 – after October 1 | \$795 after December 2

[More Details...](#)

Publication Opportunities...

CFP... CAIS Special Section on Patient-Centered E-Health

Our objectives in creating this special section are to explore, clarify, and expand the emerging PCEH field. We are soliciting papers from all research perspectives and disciplines and from all parts of the world.

Key Dates:

- Submit abstract for comment by June 30, 2012 (recommended but not required)
- Submit paper by October 1, 2012

[More Details...](#)

CFP...Health Systems Journal

Palgrave Macmillan and the OR Society have launched Health Systems, a new interdisciplinary journal. Health Systems will provide insights and perspectives to advance health systems knowledge in research and practice.

[More Details...](#)