

Special Interest Group in Healthcare Association for Information Systems



SIGHealth Newsletter

Volume 6 ■ Issue 1 ■ January 2013

Editor's Notes...

Greetings and Happy New Year!

This is our first issue in 2013 and the first article in our January SIGHealth newsletter reports the activities and plans of our president, Vance Wilson. Vance also requests membership feedback as to suggestions regarding the SIGHealth Mission. The second feature article provides an overview and the URL link for a new guide for design methods in developing consumer health IT from the Agency for Healthcare Research and Quality (AHRQ). Our third feature article highlights the SIGHealth mini-tracks slated for AMCIS 2013 in Chicago, Illinois.

Please consider sharing your or your colleague's professional accomplishments with the SIGHealth membership. We want to recognize our members for their professional and community success, so please email your accomplishments and community news to sighealthnewsletter@gmail.com.

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. Please use our gmail account 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" 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 (AMCIS or ICIS).

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>.

Enjoy all the opportunities the new year presents,

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

The end of 2012 provided an opportunity to sit back and consider the directions SIGHealth could take over the next few years. During the earlier part of the year it seemed like the existing SIG board members were barely running fast enough to keep up with AIS requirements (to update our bylaws, update our website, etc.) and to carry out implementation of the changes that we had already committed to (elect new officers within the restructured bylaws). Fortunately, our efforts seem to have worked out well, and we are now looking forward to 2013 and beyond. Here is a recap of the past three months.

November—With the assistance of our new membership chair, Kaushik Ghosh, I began the monthly process of sending an email message to welcome newly-registered SIG members. We plan to use targeted email more effectively in recruiting new members and notifying current and lapsed members of upcoming events, however, changes in how AIS handles membership list maintenance have slowed this process down.

December – The 2012 International Conference on Information Systems (ICIS) was the major event on my calendar this month. Unlike other AIS conferences, SIG-Health is not formally involved in scheduling for health-related ICIS tracks, however, we do strongly encourage SIG members to participate in ICIS. This year, treasurer Gary Hackbarth and I hosted an informal “meet and greet” event at ICIS on Monday, December 17 with the purpose of discussing topics of interest to members and prospective members of SIG-Health. The meeting was attended by approximately a dozen ICIS attendees and produced lively discussion.

January – As a way to inform SIG-Health “directions”, I formed a committee in January to develop a concise mission statement for the SIG. This action recognizes that 2013 marks the tenth year of SIGHealth's existence, which would be a good time to consider our mission as it may not be clear what value we offer members when compared to larger organizations, such as AMIA and HIMSS.

When I chaired the 2003 steering committee that formed SIGHealth, my interpretation was that three objectives set SIGHealth apart:

1. Promote the field of health-IS, conceptualized as the study and application of information systems within the context of health and wellness
2. Develop resources to assist health-IS research and teaching
3. Support health-IS academics in achieving career goals, including tenure and promotion in IS academic units

Members may submit their own suggestions regarding the SIGHealth Mission to vancewilson@gmail.com. I will report back results in the next edition of our newsletter.

Vance Wilson,
SIGHealth President (2012-2014) ■

New AHRQ guide identifies design methods for development of consumer health IT... Kenneth Satterfield

A new guide funded by the Agency for Healthcare Research and Quality (AHRQ) entitled “Designing Consumer Health IT: Lessons from the Design of Consumer Technologies—A Guide for Developers and Systems Designers” presents suggested recommendations for designers and developers of consumer health IT products. The ten recommendations included are either general guidance for designers and design teams that can be applied to the process of designing and developing a product; or specific to a design phase such as idea generation, identification of end users, testing and commercialization. The guide presents results of an environmental scan and grey literature review; and expert interviews to improve consumer health IT design in order to increase effective use of consumer health IT.

The guide is available in a PDF format via the URL: <http://healthit.ahrq.gov/developmentmethodguide>. ■



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 smart phones. QR's provide quick and effortless access to websites and thanks to Mike, here is SIGHealth's very own QR. ■

SIGHealth at AMCIS 2013...

Rich Klein



We invite the submission of completed research or research-in-progress to the SIGHealth Track of the 19th Americas Conference on Information Systems (AMCIS 2013), which will be held August 15-17, 2013 in Chicago. AMCIS 2013 brings together academics and industry professionals around the world to exchange knowledge related to the AMCIS 2013 theme, Hyperconnected World: Anything Anywhere Anytime. Submit your research to the following URL <http://aisel.aisnet.org/amcis2013> by February 22, 2013 at 11:59 CST to be considered for the conference program.

Completed research will be presented in general sessions. Each general session consists of 3 or 4 competitive papers accepted through the review process. The papers are presented in a standard format of presentation by an author and general audience discussion. Regular sessions are managed by session chairs. Each session (meeting room) is set up with presentation equipment (i.e., overhead projectors and screens). Completed research and research-in-progress are welcome and will be peer-reviewed using a double-blind system. Both completed research and research-in-progress papers that are accepted will be published in the conference proceedings.

The SIGHealth Board appreciates all members who volunteer their time to make the SIGHealth Track successful at AMCIS 2013. Please consider volunteering to review one or two papers from the mini-tracks listed below.

Track Chairs:

Guodong (Gordon) Gao, University of Maryland, ggao@rhsmith.umd.edu

Richard Klein, Clemson University, rklein@CLEMSON.edu

Track Summary:

Information systems (IS) and technology (IT) innovations offer significant potential to improve quality and efficiency of care delivery, enable new forms of healthcare organizations, enhance interactions between patients and healthcare providers, and transform care delivery. However, to fully exploit the power of IS/IT within the healthcare sector requires overcoming significant challenges. Consistent with the 2013 conference theme, Hyperconnected World—Anything, Anywhere, Anytime, the focus of this track is on the design, implementation, adoption, and use of healthcare IS and IT, as well as quantifying their hyperconnected impacts on clinical and financial performance at the patient, physician, hospital/healthcare facility, and national levels. We welcome IS and IT studies from a variety of reference perspectives including computer science, economics, organizational behavior, public policy, software engineering, and strategy.

Mini-tracks:

Mini-tracks include the following, and a detailed description of each can be found at the following URL http://amcis2013.aisnet.org/index.php?option=com_content&view=article&id=65&Itemid=58.

***Electronic Health Record Technology in Emergency Medical Services***

C. Derrick Huang, Florida Atlantic University, dhuang@fau.edu

Jahyun Goo, Florida Atlantic University, jgoo@fau.edu

Ravi S. Behara, Florida Atlantic University, rbehara@fau.edu

Attila Hertelendy, Florida Atlantic University, Ahertele@fau.edu

Electronic Medical Records in Ambulatory Care and Smaller Healthcare Practices

Ranganathan Chandrasekaran, University of Illinois at Chicago, ranga@uic.edu

Balaji Sankaranarayanan, Bentley College, bsankara@bentley.edu

Gary David, Bentley College, gdauid@bentley.edu

Pharmacoinformatics for the Improvement of Pharmaceutical Services and Drug Discovery

Tagelsir Mohamed Gasmelseid, King Faisal University, tagelsir.gasmelseid@gmail.com

Role of Technology in Improving Health Care Delivery Processes

Diane Strong, Worcester Polytechnic Institute, dstrong@wpi.edu

Bengisu Tulu, Worcester Polytechnic Institute, bengisu@wpi.edu

Smart Health and Wellbeing: Consumer-Centric Healthcare Systems

Bengisu Tulu, Worcester Polytechnic Institute, bengisu@wpi.edu

Bernard Han, Western Michigan University, bernard.han@wmich.edu

Sharie Falan, Western Michigan University, sharie.falan@wmich.edu

Alan Rea, Western Michigan University, alan.rea@wmich.edu

Successful and Sustainable Mobile Health (mHealth) Solutions

Ton Spil, University of Twente, tonspil@gmail.com

Sweta Sneha, Kennesaw State University, ssneha@kennesaw.edu

Nilmini Wickramasinghe, RMIT University, nilmini.wickramasinghe@rmit.edu.au

Telemedicine: Advances, Opportunities, and Challenges for Information Systems

Ann Fruhling, University of Nebraska at Omaha, afruhling@mail.unomaha.edu

Richard Burkhard, San Jose State University, Burkhard_r@cob.sjsu.edu

Monica Chiarini Tremblay, Florida International University, tremblay@fiu.edu

Networking Opportunities...

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

February, March 2013...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...](#)



June 2013... 21st European Conference on Information Systems (ECIS)

Dates: June 5 – 8, 2013
 Location: Utrecht, Netherlands
 Registration: Early registration after February 2013
 Papers due: December 7, 2012



[More Details...](#)

August 2013... 19th Americas Conference on Information Systems (AMCIS)

Dates: August 7 – 10, 2013
 Location: Chicago, Illinois
 Registration: Opens May 2013.
 Papers due: February 22, 2013



[More Details...](#)

December 2013... International Conference on Information Systems (ICIS)

Dates: December 15 – 18, 2013
 Location: Milan, Italy
 Registration: Early registration after July 2013
 Papers due: May 3, 2013



[More Details...](#)

Publication Opportunities...

CFP... 16th International Symposium for Health Information Management Research (ISHIMR) 2013

On behalf of the ISHIMR 2013 Committee, we invite you to participate in the 16th International Symposium for Health Information Management Research (ISHIMR), which will take place at Dalhousie University on 26-28 June 2013, in Halifax, Nova Scotia, Canada. ISHIMR 2013 will bring together researchers in the general area of e-health, health information management and health informatics and will provide a forum for the presentation and discussion of their research activities.

ISHIMR 2013 will feature oral and poster presentations, a doctoral symposium, a demonstration of health informatics software applications and invited speakers from industry, government organisations and academia. The main themes of interest include, but are not restricted to:

- Health Data Management Strategies
- Health Information Management Strategies
- Health Knowledge Management Strategies
- Emerging Trends in Health Informatics Systems
- Health Informatics Systems

Please see the ISHIMR 2013 web-site (<https://www.ishimr2013.com/>) for a list of the topics under each theme.

Colleagues are invited to submit their research contributions or practical experience reports. The deadline for submission of papers and poster abstracts is: 28th February 2013.

All papers presented and abstracts for posters, will be published in the Conference Proceedings. As with previous ISHIMR conferences, the best papers will be published in a special issue of the Health Informatics Journal. Please circulate this CFP to your colleagues and fellow researchers. ■

[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...](#)
