Special Interest Group in Healthcare

Association for Information Systems

SIGHealth Newsletter

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Editor's Notes...

Fall greetings!

In the October issue, our first article reports the activities and plans of our SIGHealth president, Vance Wilson. Our second feature article presents a perspective to inter-professional health IT adoption. Our last feature article details our CFP on the up-coming AMCIS2014 joint research workshop for human-computer interaction in health and wellness, co-sponsored by SIGHealth and SIGHCI.

In our SIGHealth community news and professional accomplishment section, the October newsletter offers a couple of information items. Congratulations are in order for Chi Zhang (Southern Polytechnic State University) on achieving her CPHIMS certification. Congratulations are also offered to Chelley Vician (University of St. Thomas) on achieving her CSIA certification.

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,

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Feature Articles…

President's Report…   Vance Wilson

The third quarter of 2013 has provided an opportunity for collegial visiting at our annual business meeting and advanced planning for the "Human-Computer Interaction (HCI) in Health and Wellness" research workshop SIG-Health is hosting jointly with SIGHCI prior to the 2014 AMCIS conference in Savannah, Georgia. Here is the month-by-month report on SIG-Health activities.

August – The annual SIG-Health Business Meeting was held on Friday, August 16 in Chicago. Several attending board members described their SIG-Health positions and plans for the future, I introduced the 2014 "HCI in Health and Wellness" workshop we are jointly presenting with SIGHCI in conjunction with AMCIS 2014, and we hosted a good-sized group of attendees. Treasurer Ann Fruhling reports that SIG-Health financial assets have grown over the past two years to exceed $5000, thus putting the SIG back onto a firm financial footing and enabling us to fund future member-oriented activities.

September – Planning continued for upcoming SIG-Health activities, as well as handling those pesky activities that are involved in starting up Fall Semester classes.

October – A program committee is being recruited for the "HCI in Health and Wellness" research workshop and an associated special issue of AIS Transactions on Human-Computer Interaction (THCI) under the same title.

SIG-Health board members will be present at ICIS 2013 and HICSS 2014 conferences. However, no formal SIG events are planned at this time for those events.

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

Inter-professional Health IT Adoption (ICHITA 2013)…   Jim Ryan

Healthcare is not a single profession, but multiple professions that share similar domains of values and ethics, roles and responsibilities, communication, as well as teamwork and teams. In 2010, the World Health Organization (WHO) described how inter-professional education occurs when students of two or more professions learn about, from, and with each other to enable effective collaboration and improved health outcomes. In the same publication, the WHO identified inter-professional collaborative practice occurs when multiple health workers, from different professional backgrounds, provide comprehensive services by working with patients, their families, care-givers, and communities to deliver the highest quality of care across settings. Within inter-professional collaborative healthcare, the scope of healthcare practice is the intersection between individual clinician competency and integrated inter-professional competencies. To this end, health IT adoption must enhance both the scope of practice and evidence-based practice at the point-of-care from the individual clinician, integrated inter-professionals, and patient perspectives.

During mid-October, I attended the International Conference on Health Information Technology Advancement, hosted by Western Michigan University. The conference was very informative, with most of the conference keynotes and plenary sessions focused on health IT innovation, adoption, and engagement. One particular plenary session presentation from Elsevier Clinical Solutions addressed the critical reality that the commitment to automate is very different from the commitment to transform cultures and scope of practice at the point-of-care. Moreover, desired health IT adoption and related outcomes are only achievable as point-of-care transformation takes place and transformation efforts begin with clarity on day-to-day realities at the point-of-care provided by inter-professional healthcare clinicians.

As patient engagement becomes a priority in healthcare, it is clear that IT innovations can help bridge the gap as illustrated with current IT apps and healthcare devices available today. However, as technology professionals know, IT adoption success requires acceptance at the point-of-care by healthcare inter-professionals and patients alike. Elsevier Clinical Solutions provided one solution through a clinical practice model framework for sustainable healthcare transformation that

covers concepts of: (1) intentional design, (2) evidence-based practice, (3) action orientation, (4) outcome production, (5) replication, (6) capacity building, (7) technology enabled, and (8) scalability.

I congratulate Drs. Sharie Falan and Bernard Han on a very successful conference. ICHITA 2013 provided a relevant and insightful perspective to inter-professional health IT innovation, adoption, and engagement. I believe these perspectives are timely, especially to Western Michigan University as they prepare to open their new medical school in fall 2014. I also believe these perspectives to be relevant to the joint research workshop between SIGHealth and SIGHCI planned for AMCIS 2014.

References:

World Health Organization, (2010), Framework for Action on Inter-professional Education and Collaborative Practice, accessible via URL: http://www.who.int/hrh/resources/framework_action/en/

Elsevier Clinical Solutions, CPM Framework accessible via URL: http://www.cpmrc.com/framework/overview/

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CFP on HCI in Health and Wellness (AMCIS 2014 Research Workshop)...   Vance Wilson

Call for Papers on Human-Computer Interaction in Health and Wellness
- 2014 Research Workshop Jointly Hosted by Association for Information Systems (AIS) SIGHealth and SIGHCI
- Special Issue of AIS Transactions in Human-Computer Interaction

IMPORTANT DATES:
- Research Workshop Submissions Due from Authors: May 1, 2014
- Acceptance Notifications Will Be Returned to Authors by: June 15, 2014
- Workshop Camera Ready Papers Due from Authors: July 15, 2014
- The Research Workshop will be hosted in conjunction with AMCIS 2014 in Savannah, GA, USA and is scheduled to be held on Thursday, August 7, 2014

RESEARCH WORKSHOP OBJECTIVE:
The research workshop promotes the creation and refinement of scholarship that addresses the intersection of Human-Computer Interaction (HCI) and Health and/or Wellness fields. Several selected papers from the workshop will be invited for further development toward publication in a special issue of AIS Transactions on Human-Computer Interaction (THCI) to be titled "HCI in Health and Wellness".

All related research topics and methods are welcomed; priority will be placed on selecting papers that:
- Clearly address topics relating to HCI and Health and/or Wellness
- Incorporate development and/or empirical evaluation of theory that is testable (i.e., falsifiable)
- Are submitted in substantially complete form

RESEARCH WORKSHOP COST:
There will be no charge for invited authors to attend the workshop.

RESEARCH WORKSHOP FORMAT:
Workshop participants will discuss their work in small groups led by scholars with editorial experience in the areas of HCI, health, and wellness. Discussions will be facilitated so that each author has equitable time to receive feedback. This

structure provides opportunity to strengthen the submitted papers for future journal submission.

SUBMISSION, REVIEWING, AND ACCEPTANCE PROCESSES:

- Submit papers as email attachments in Microsoft Word or Adobe Acrobat (PDF) format to Vance Wilson (vancewilson@gmail.com). Expect your submission to be acknowledged within 48 hours.
- All reviewing will be conducted in double-blind format and will be primarily performed by program committee members selected for expertise and interest in the topic area.
- Notification regarding acceptance of your submission will be sent via email to the submitting author.
- Because this is a workshop rather than paper publication venue, there is no restriction on concurrent submission of manuscripts to a conference (such as AMCIS) or a journal.

SUBMISSION FORMAT:

Ideal papers will be no more than 35 pages in length (maximum 8000 words), double spaced, in 12-point Times New Roman font, following THCI guidelines (http://aisel.aisnet.org/thci/authorinfo.html). Longer papers will be considered if the length is well motivated.

PROGRAM COMMITTEE CO-CHAIRS:

- Vance Wilson, President, SIG-Health, Worcester Polytechnic Institute (vancewilson@gmail.com)
- Soussan Djamasbi, Past Chair, SIGHCI, Worcester Polytechnic Institute (djamasbi@wpi.edu)

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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.

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Professional Accomplishments & SIGHealth Community News…

Congratulations to Chi Zhang (chizhang@spsu.edu) who recently became a Certified Professional in Healthcare Information & Management Systems (CPHIMS). Dr. Chi Zhang is an assistant professor with the Department of Information Technology at Southern Polytechnic State University in Marietta, Georgia. The CPHIMS certification is awarded by the Healthcare Information and Management Systems Society (HIMSS), the world-wide professional organization for all things Health IT. The certification demonstrates mastery of Project Management, IT Management, and Health Industry knowledge considered important to competent practice in today's healthcare information and management systems field. As of Sept. 2012, less than 3000 people in the world had achieved CPHIMS. According to HIMSS, "CPHIMS certification is fast becoming an industry standard by which individuals are assessed for new positions or promotion."

Details about the CPHIMS certification are available via the URL:
 http://www.himss.org/health-it-certification/cphims?navItemNumber=13647

Congratulations to Chelley M. Vician (cvician@stthomas.edu) who recently achieved her certification as a Certified Information System Auditor (CISA) through ISACA this past summer. Although this practice-oriented certification may not be directly tied to academic healthcare research, it is of key importance to information systems security in healthcare organizations and healthcare data protection according to external regulations (e.g., HIPAA).

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Networking Opportunities…

Spread the word: SIGHealth is a group on Linked in ®

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. ▪

December 2013… International Conference on Information Systems (ICIS)

Dates: December 15 – 18, 2013

Location: Milan, Italy

Registration: Regular registration through December 3rd and onsite registration is available.

More Details…

January 2014… Hawaiian International Conference on System Systems (HICSS)

Dates: January 6 – 9, 2014

Location: Waikoloa, Hawaii

Registration: Regular registration through December 1st and late registration afterwards

More Details…

June 2014… 22nd European Conference on Information Systems (ECIS)

Dates: June 6 – 13, 2014

Location: Tel Aviv, Israel

Paper Submission: Due December 8, 2013

Registration: Early registration ends April 16, 2014

More Details…

August 2014… 20th Americas Conference on Information Systems (AMCIS)

Dates: August 7 – 10, 2014

Location: Savannah, Georgia

Mini-Track Proposals: Due November 4, 2013

Paper Submission: Opens January 2014

Registration: Begins May 2014

More Details…

Publication Opportunities…

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…