Editor's Notes...

Happy New Year! We have a full line-up of SIGHealth opportunities as highlighted in our winter 2015 newsletter. The next articles in this issue detail a call for papers for AMCIS 2015 and a call for extended abstracts for the SIGHealth cluster at INFORMS Healthcare 2015. AMCIS 2015 will be in San Juan, Puerto Rico and SIGHealth is sponsoring five mini-tracks as channels to submit your research. In July, the SIGHealth cluster at INFORMS Healthcare 2015 in Nashville, Tennessee will provide two sessions where selected peer-reviewed extend abstracts will offer the authors opportunities to present and discuss their research.

This issue also lists the initial SIGHealth member suggestions for journal publication channels. The journal listing will become a work-in-progress to be available on our SIGHealth Webpage where the member feedback can provide an ongoing resource to benefit all our current and future members.
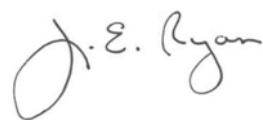
For the SIGHealth members who are planning to attend ECIS 2015 or who are interested in patient-centered healthcare IT, Ali Sunyaev and the rest of his committee would like to invite you to consider submitting a paper to the Pre-ECIS 2015 workshop on Patient-Centered Health Information Technology: Preparing for a New Era. Papers are due March 15 and the full day workshop will be held on May 26, with more details listed from the CFP in this winter newsletter issue.

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 (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. 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.
sighealthnewsletter@gmail.com

Feature Articles…

President's Report…   Gondy Leroy

Happy New Year Sig-Health Members!

May the new year bring you and yours health and happiness, a decent amount of publications, good teaching evaluations and exciting projects!

Now that we have established our social media presence, I would like to encourage all of you to like, connect or follow us. You can find us on Facebook, LinkedIn and Twitter! It's a convenient way to express your opinions and be an active community member. Details on our website: http://www.aissighealth.com/wordpress/
Before the winter break, we worked on creating an advisory board for our SIG. We aim to get advice from experienced people on problems or opportunities we face. Based on the member feedback at our business meeting in August (AMCIS), we start with two issues. The first is emphasizing the importance and value of healthcare research in the IS community, e.g., by ensuring visibility of our SIG in AIS but also by reaching out to universities since this may influence hiring, tenure and promotions decisions. Douglas Vogel (eHealth Research Institute, Harbin Institute of Technology School of Management, Harbin, China) and Cynthia LeRouge (University of Washington School of Public Health) have accepted our invitation to be on our board and focus on this. The second issue we want to address is industry involvement and fostering a good relationship with industry. Monica Chiarini Tremblay (Decision Sciences & Information Systems, College of Business, Florida International University) will join the advisory board to help with that. We will expand our advisory board as necessary with people who can help.

We concluded 2014 with an excellent representation of healthcare research at ICIS 2014. With two entire tracks devoted to healthcare and almost 10 papers and posters in other sessions, our interests were well re-presented. Congratulations to our authors and presenters. In addition, our SIG – thank you Doug! – also participated in the new blind dating with SIGs that was started this year.

Finally, I'd like to announce that we will bring a SIG-Health Best Publisher Paper award. More details are forthcoming since we are currently working out the criteria. Share your ideas via our social media sites. Expect a deadline and call at the end of the summer 2015 for papers published in 2014.

I'll sign off here and start working on our yearly report for AIS. As always, if you have ideas or suggestions for a project or initiative, for additional board members (they do not have to be academic or AIS members), or – dare I say it ☺ – wish to volunteer: let us know!

Hope to see many of you online and in person,

Gondy Leroy, PhD
SIGHealth President (2014-2016)   ■

We hope you will make plans to attend AMCIS 2015 in Puerto Rico! The theme of AMCIS 2015 is Blue Ocean Research, which fits Puerto Rico's location in the blue Caribbean. SIGHealth is sponsoring the Innovations in Healthcare IS Track, which contains five mini-tracks. Below is a listing of the track and mini-track descriptions.

Innovations in Healthcare IS Track Description

Information systems (IS) and technology (IT) innovations offer significant potential to improve the quality and efficiency of healthcare delivery and practice by enhancing interactions between patients/caregivers and providers, by enabling greater access to the latest advancements in treatments, and by empowering new organizational forms not previously conceived of within the industry; all transforming care delivery. Consistent with the 2015 "blue ocean" conference theme, the primary focus of the healthcare track is promoting research into groundbreaking technology innovations and applications within the healthcare sector, while incorporating interdisciplinary theoretical perspectives and methodological approaches beyond traditional IS and healthcare information technology (HIT) disciplines.

Academic efforts showcased should demonstrate novel work within the IS discipline as well as reference perspectives including computer science, economics, organizational behavior, public policy, public health, software/electrical engineering, management, and strategy. We solicit novel completed research and research in progress that address opportunities and challenges in the current healthcare sector via innovative technological and methodological approaches thereby contributing to the existing knowledge base.

Electronic Health/Medical Records in Practices Mini-Track Description

Electronic Medical/Health Records (EMRs/EHRs) are a critical component of the American healthcare system. Healthcare practices face distinct challenges while implementing innovative approaches to EMR/EHR systems. Therefore, there is a growing need to understand how healthcare practices innovate in their EMR/EHR implementations. The focus of this mini-track is on EMRs/EHRs research in large, ambulatory and smaller healthcare practices, that furthers our understanding of (1) Innovations in systems, processes and strategies for implementing EMR/EHR (2) New initiatives in electronic exchange of healthcare information among different stakeholders, (3) Innovative approaches to integration of mobile devices and medical devices with healthcare systems 4) Novel approaches to security and privacy issue associated with EMR/EHR in healthcare organizations. The mini-track is open to both completed and in-progress research, including broad survey articles, case studies, conceptual papers, descriptive reports, focused research issues or problems analyzed using a variety of tools and empirical methodologies.

Global Health Mini-Track Description

As global interconnectedness increases, the impact of health problems are not efficiently addressed from a purely national standpoint. Therefore, a concerted effort among governments, multidisciplinary efforts, and other institutions, in efforts

that span national boundaries, is the new emerging approach to deal with these issues. This approach, known as global health, entails using this multidimensional approach to address transnational health issues, specifically including HIV/AIDS, rural healthcare service delivery, and other health issues affecting the world population. This mini-track will explore emerging trends for applying innovative health IT solutions to improve general population and community healthcare across the globe, including low-cost, mobile and other emerging health technological applications. These solutions will provide a multinational perspective on the benefits of mobile health and other emerging information technologies and describes different examples and applications implemented. This minitrack will consider empirical research, reviews of current literature, theory, methodology, as well as relevant position papers and suitable research in progress papers.

Healthcare Analytics Mini-Track Description

The healthcare industry is experiencing fundamental transformation. Clinical challenges, aging populations, and cost overrun have significantly complicated the healthcare delivery in the United States and around the world. And there is increasing pressure on healthcare providers and payers (including the governments) to provide more with less—reducing costs and improving coordination and outcomes—all while being more patient centric with added complexity of care. And it is commonly believed that this industry transformation and complexity of care will only increase in the coming years, for instance with services like personalized medicine and mobile health. With the accumulation of data in the vast deployment of HIT, it is expected that Big Data can help healthcare providers and policy makers navigate this treacherous territory. Further, in the U.S., the next stage of EHR implementation will shift towards the effective use of data, under the framework of Meaningful Use (Stage 2 and 3). Analytics can provide the basis on which better decisions can be made to move towards a healthcare system that addresses the combined objectives of lower costs, safe care, effective clinical outcomes, and high patient satisfaction. The need to build analytics competencies among practitioners and researchers is apparent.

Improving Healthcare Delivery Processes Mini-Track Description

Healthcare organizations have been redesigning processes and implementing various forms of information technology (IT) to increase productivity, lower costs, and improve the quality of care. Unfortunately, the expected significant improvements in the quality of care and reductions in costs after large health IT investments are often not achieved. Recognizing that significant improvements require more than just deploying IT, this mini-track seeks papers that investigate the role of IT in improving healthcare delivery processes and the opportunities and challenges in IT-enabled change in healthcare organizations.

Mobile Apps & mHealth Mini-Track Description

In the wake of the 21st century healthcare systems around the globe are faced with the aggravating challenge of providing quality healthcare to an aging populace, exponential rise in healthcare costs (approximately 17% of GDP in US), and limited human resources. Mobile health (mHealth), and medical apps open the door to the possibility of pervasive anytime, anywhere, and for anyone delivery of healthcare services. Moreover, this mini track is consistent with the conference theme of "blue ocean" given that the use of mobile solutions to deliver superior healthcare indeed represents a new , evolving and uncharted ocean for healthcare researchers. Despite the potential for far reaching impacts of mHealth, challenges lies in realizing the vision. The objective of this mini-track is to address these challenges by soliciting work-in-progress and completed research papers covering technical, organizational, behavioral, economical, and managerial perspectives on mobile apps, mHealth, and similar electronic healthcare (eHealth) solutions that (1) assess infrastructure issues supporting mHealth, (2) propose and/or evaluate the design, development, and implementation of successful mHealth applications, (3) assess the impact of mHealth applications on patients, providers, healthcare organizations, and society in general, (4) develop theories to better understand the phenomenon of mHealth and eHealth, and (5) evaluate key barriers and facilitators such as policy, compliance with standards, as well as privacy and security requirements.

Please consider submitting your research to one of the SIGHealth mini-tracks. The deadline for paper submissions is February 25 at 2:00PM EST. Please note the time cut-off as it is different from past deadlines. More information and submission details are available on the AMCIS 2015 Webpage via http://amcis2015.aisnet.org/call-for-papers . ''''''''''''' ▪

INFORMS Healthcare 2015 CFP…   Gondy Leroy, Jim Ryan & Ben Schooley

The third INFORMS topical conference on healthcare with be held in Nashville, Tennessee, USA on July 29-31, and focuses on reinventing value in an era of health reform, specifically the use of operations research and analytics to improve the long-term efficiency, effectiveness, and quality of healthcare delivery. The conference includes elements of both an INFORMS academic meeting and practitioner-oriented meeting. Joint involvement of Vanderbilt's medical and business schools provides a unique conference experience for attendees.

SIGHealth is organizing an Information Systems and Technology (IS&T) cluster at INFORMS Healthcare 2015 with two tracks: Track 1: IS&T for improving the healthcare process and system and Track 2: IS&T for improving individuals' interactions with the healthcare system. The Track 1 session will focus on macro-level IS&T research that provides a system-level perspective where the system is a healthcare system. We welcome multi-disciplinary projects with different research methods including qualitative, quantitative, and design science approaches. The Track 2 session will focus on micro-level IS&T research that provides an individual-level perspective, where the individual can be any of the stakeholders in healthcare. We are particularly interested in specific technologies, visualizations, or analytics that have been designed, tested, and evaluated for a specific healthcare context, interaction, or decision point.

Each Track will contain three to four presentations, selected from submitted two-page extended abstracts. The peer-reviewed process for paper and presentation selection begins in March, and interested authors should submit their extended abstracts by March 1. For more information and submission details, please see the call for papers posting on the SIGHealth Webpage via http://www.aissighealth.com/wordpress/call-for-papers-informs-healthcare-conference-2015/. ■

Where do SIGHealth members publish…   Jim Ryan

In our fall newsletter, we identified a SIGHealth member effort to compile a listing of IT-in-healthcare related journal publication channels where members have found publishing success. The following table highlights journal suggestions identified thus far, where SIGHealth members have published their research in recent years.

Communications of the AIS	*Journal of Evaluation in Clinical Practice*
Electronic Commerce Research	*Journal of Computer Assisted Tomography*
Health & Technology	*Journal of General Internal Medicine*
Health Behavior and Public Health	*Journal of Global Information Management*
Health Informatics in Developing Countries	*Journal of Information Technology in Healthcare*
Health Systems Journal	*Journal of Knowledge Management*
Immunology	*Journal of Neurotrauma*
Information Systems	*Journal of Nursing Management*
Information Systems Journal	*Journal of the American College of Surgeons*
International Journal of Advanced Robotic Systems	*Journal of the American Medical Informatics Association*
International Journal of Entrepreneurship and Innovation Management	*Journal of the Association for Information Science and Technology*
International Journal of Healthcare Information Systems and Informatics	*Journal of the AIS*
International Journal of Health Care Quality Assurance	*Magnetic Resonance Imaging*
International Journal of Medical Informatics	*Optometry*
International Journal of Mobile Communications	*Policy Modeling*
Journal of Cases on Information Technology	*The New England Journal of Medicine*

Journal of Chronic Obstructive Pulmonary Disease

We plan to locate the journal database on our Web page and establish a ranking / impact rating system to help our members choose publication channels and assist in justification towards tenure and promotion. Our expectations include providing publication statistics across the journal suggestions. Please continue to send your journal suggestions to sighealthnewsletter@gmail.com and add the subject line ***Journal Suggestions***. ■

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. ■

Networking Opportunities…

Spread the word: SIGHealth is social!

2015 Renewal of AIS Membership and Re-designating SIGHealth Interest

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? Check your membership via the AIS Website.

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May 2015… 2015 European Conference on Information Systems (ECIS)

Dates: May 26 - 29, 2015   (ECIS Pre-Conference Workshop on May 26)
Location: Münster, Germany
Registration: Early registration begins February to April 12, 2015

More Details…

June 2015… 17th International Symposium on Health Information Management Research (ISHIMR 2015)

Dates: June 25 – 26, 2015

Location: York St. John University, York, England, UK

Papers Due: February 15, 2015 (Extended deadline)

As collaboration between York St John University and the University of Sheffield, ISHIMR 2015 brings together researchers in the general area of e-health, health informatics, and health information management in a forum for the presentation and discussion of their research activities.

More Details…

July 2015… INFORMS Healthcare 2015

Dates: July 29 – 31, 2015

Location: Nashville, Tennessee, USA

Abstracts Due: March 1, 2015

More Details…

August 2015…21ˢᵗ Americas Conference on Information Systems (AMCIS)

Dates: August 13 – 15, 2015

Location: San Juan, Puerto Rico

Papers Due: February 25, 2015 **by 2:00PM EDT**

More Details…

December 2015… International Conference on Information Systems (ICIS)

Dates: December 13 – 16, 2015

Location: Fort Worth, Texas, USA

Papers Due: May 4, 2015 11:59 PM CDT

More Details…

January 2016… 49ᵗʰ Hawaiian International Conference on System Sciences (HICSS)

Dates: January 5 – 8, 2016

Location: Poipu, Kauai, Hawaii

Papers Due: June 15, 2015

More Details…

Publication Opportunities…

CFP… International Journal of Medical Informatics
     Special Issue on Health Behavior Change Support Systems (HBCSS)

The purpose of this International Journal of Medical Informatics Special Issue is to develop a richer understanding of the Health Behavior Change Support Systems (HBCSSs) as an object of persuasive technology**.**

More Details…

Paper submission deadline has been extended to February 15, 2015.   ▪

CFP…ECIS 2015 Pre-conference Workshop

     Patient-Centered Health Information Technology: Preparing for a New Era

Date: May 26, 2015 (Full day workshop)

Location: Münster, Germany

Papers due: March 15, 2015

New technologies challenge traditional methods in medicine, lead to a significant shift in the doctor/patient relationship and provide new tools for self-management and the provision of new sources of data. This workshop invites papers that deepen our understanding on how to design and integrate information technologies in healthcare to foster use, improve health outcomes, and empower patients. Instead of focusing on the outcomes of mere IT application, workshop contributions should concentrate on the artifact itself, its fit with patients' preferences and needs as well as its integration into the social and technical environment. This field presents unique challenges since the adoption of IT for patient-centered health involves complex adaptations on the part of users and providers.

We invite theoretical and empirical submissions (position papers, research-in-progress and completed research) that leverage the multiple facets of patient-centered information systems and address the challenges of information system

implementation in this interdisciplinary field.

The complete CFP is available via the following URL: http://ecis2015.eu/participation/list-of-workshops/02-patient-centered-health-information-technology.

More Details...

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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...

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