



Editor's Notes...

Summer greetings!

We have a full line-up of SIGHealth opportunities highlighted in our summer 2015 newsletter. Our first article is an update from our president, Gondy Leroy, on SIGHealth activities and awards acknowledged this summer. The feature articles in this issue summarize the sessions and presentations of our SIGHealth cluster during INFORMS Healthcare 2015 this July; the SIGHealth itinerary planner for AMCIS 2015; our member's submissions for Best Paper Awards; the call for papers to the 3rd International Conference on Health Information Technology Advancement (ICHITA), sponsored by the Homer Stryker M.D. School of Medicine and Western Michigan University; as well as a call for papers to a special focus issue in the Journal of the American Medical Informatics Association.

If you are attending AMCIS 2015, please plan to attend our annual Business Meeting after sessions on Friday, August 14 at 6PM in the Siete Mares room. During our Business Meeting, immediate past-president Vance Wilson is planning a selection of local refreshments to sample and we will announce the recipients of our inaugural Best Paper Award. We look forward to seeing all our membership and hearing your input into the future activities of our outstanding SIG.

Be sure to note the accomplishments, news, and opportunities from our SIGHealth colleagues at the University of South Carolina. Thank you Betty Reagan for sharing this information and we congratulate you all on your success!

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

Greetings everyone!

Time is flying by and I have barely finished my Spring Newsletter notes and here is the Summer Newsletter already. So, keeping it short ...

We are very pleased to let you know that our SIG was recognized as an “Outstanding Special Interest Group” of the AIS. These awards are based on member activities, such as workshops, meetings, communications, special issues, etc. Many thanks to our outgoing Secretary Gary Hackbarth who helped put together this detailed (mandatory) report.

Are you organizing a healthcare related academic activity? Let us know: the SIG can often help with broadcasting, reviewing, requesting reviewers, and much more.

As promised, we organized our inaugural Best Paper Award to highlight some of our best work published in 2014. We had eleven submissions of published papers and three awards will be made at AMICS at our business meeting. Read on to see the citations of the submissions and hyper-links to the abstracts of their papers in this newsletter. They will be posted on our website too. Many thanks to the volunteer review team of this first round, which consisted of Gary Hackbarth (Valdosta State University), Debra VanderMeer (Florida International University), Weidong Xia (Florida International University), and Gondy Leroy (University of Arizona).

Final item to put on your calendar: our business meeting at AMCIS, Friday, August 14 at 6 pm! Don't miss it! We will give you an update over wine and cheese (or some local equivalent), ask for your input and ideas, and honor our Best Paper Award Winners.

Gondy Leroy, PhD
SIGHealth President (2014-2016)



INFORMS Healthcare 2015...

Gondy Leroy, Jim Ryan, & Ben Schooley

The third INFORMS topical conference on healthcare will 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 has organized 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. 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. The following are SIGHealth member presentations scheduled for INFORMS Healthcare 2015 in Nashville.

Thursday Jul 30, 10:30 AM - 12:00 PM

IS&T for improving the healthcare process and system

Chair: Jim Ryan - Troy University

“Critical Success Factors, Key Performance Indicators and Activities for Perioperative Improvement” by Barbara Doster, Sandra Daily, and Rosemary Ryan - University of Alabama Birmingham Hospital; Jim Ryan and Carmen Lewis - Troy University

“Perioperative Workflow Balancing through Data-Driven Process Management” by Jim Ryan and Carmen Lewis – Troy University; Barbara Doster, Sandra Daily, and Rosemary Ryan - University of Alabama Birmingham Hospital

“Can Inaccurate Problem Code Assignment at Dispatch Indicate Inaccurate Prioritization of EMS Calls?” by Mike Dohan - Lakehead University; Norm Gale - Superior North EMS; Kai Huang and Joseph Tan - McMaster University

Friday Jul 31, 09:45 - 11:15 AM

IS&T for improving individuals' interactions with the healthcare system

Chair: Benjamin Schooley - University of South Carolina

“Health Behavior Change Support System Impact in China” by Doug Vogel - Harbin Institute of Technology

“Predicting Physicians' Intention to use Information Technologies: The Role of Prior Behavior” by Neset Hikmet and Ben Schooley - University of South Carolina

“Improving Provider-patient Communications with Mobile Multi-media Computing” by Tonia San Nicolasrocca - San Jose State University; Ben Schooley - University of South Carolina



The AMCIS 2015 itinerary planner is online via <http://eventmobi.com/AMCIS2015> and as a downloadable mobile app. This scheduling tool allows AMCIS attendees to browse online the pre-conference activities, panel sessions, workshops, ancillary meetings, tracks, paper sessions, and poster exhibits—prior to your arrival. Moreover, individuals who cannot attend are able to see conference activities and share in the knowledge dissemination.

The itinerary planner allows individual itinerary mapping of day-by-day activities. AMCIS attendees can browse and search conference activities by day or type, creating their own individualized conference itinerary to save or share with colleagues. For AMCIS 2015, all SIGHealth activities are at the El Conquistador Resort's Grand Atlantic Conference Center meeting rooms (MRs) on the 2nd floor and Grand Caribbean Ballroom Salon 1. The Emergent Research Forum (ERF – research in progress) poster presentations will occur in the Grand Atlantic Ballroom Salon 1 and the ERF rapid-fire presentations will occur in the Atlantic Conference Center 1st floor MRs. The following schedule of SIGHealth paper presentations are from the itinerary planner.

THURSDAY, AUGUST 13th

Mobile Apps & MHealth I, MR Cieba A, 3:00 – 4:30 PM

Session Chair: Nilmini Wickramasinghe - Epworth Healthcare, RMIT University

"A Model for Reflective Participatory Design - The Role of Participation, Voice and Space" by Birgitta Bergvall-Kareborn - Luleå University of Technology; Carina Ihlström-Eriksson - Halmstad University; Anita Melander-Wikman, Anna Ståhlbröst - Luleå University of Technology

"Challenges of Change: Technological Ease or Technological Upset?" by Cherie Noteboom - Dakota State University; Julee Hafner - Chicago School Professional Psychology

"Forensic Taxonomy of Popular Android mHealth Apps" by Abdullah Azfar, Kim-Kwang Raymond Choo, Lin Liu - University of South Australia

"An Ontology of mHealth" by Joshua Cameron - University of Miami; Arkaigud Ramaprasad - University of Illinois at Chicago; Thant Syn - Texas A&M International University

Mobile Apps & MHealth II, MR Cieba A, 5:00 – 6:30 PM

Session Chair: Nilmini Wickramasinghe - Epworth Healthcare, RMIT University

"Classification of Stress Management mHealth Apps Based on Octalysis Framework" by Shaimaa Ewais, Ala Alluhaidan - Claremont Graduate University

"A Framework for Analyzing Patient-centered Mobile Applications for Mental Health" by Oksana Tokar - Universität Hamburg; Klimientiy Batoroev - Baikal State University of Economics and Law; Tilo Boehmann - Universität Hamburg

"Indirect Wayfinding Navigation System for the Elderly" by Mohammed Alsaqer - Claremont Graduate University; Brian



Hilton - Claremont Graduate University

"Compromising a Medical Mannequin" by William Bradley Glisson, Todd Andel, Todd McDonald, Mike Jacobs, Matt Campbell, Johnny Mayr - University of South Alabama

FRIDAY, AUGUST 14th

Global Health Initiatives, MR Ceiba A, 8:30 – 10:00 AM

Session Chair: Gurvirender Tejay - Nova Southeastern University

"Identifying Key Success Factors for the Adoption and Implementation of a Chemotherapy Ordering System: A Case Study from the Australian Private Healthcare Sector" by Nilmini Wickramasinghe - Epworth Healthcare, RMIT University; Hoda Moghimi, Catherine Lin, Epworth Healthcare; Peter Haddad - Epworth Healthcare, RMIT University; Helen Delimitros, Stephen Vaughan - Epworth Healthcare

"e-Mahtari – Improving Maternal Healthcare in Rural India through Information and Communication Technologies" by RadhaKanta Mahapatra - University of Texas at Arlington; Radha Sahoo - Sickle Cell Institute of Chhattisgarh

"Utilizing Persuasive Technology Package to Elevate Dietary Awareness" by Osamah Altammami, Samir Chatterjee - Claremont Graduate University

Improving Healthcare Delivery through IT , MR Ceiba A, 1:30 – 3:00 PM

Session Chair: Jim Ryan - Auburn University at Montgomery

"How Healthcare Technology Shapes Health Literacy? A Systematic Review" by Inkyoung Hur, J.J. Schmidt, Ronald Lee - Floridan International University

"Risk as a Moderator on the Impact of EMR Systems on Clinical Process Outcomes" by Tamuchin McCreless - Fayetteville State University

"Transforming Delivery of Health and Social Care: Rethinking Systems Integration" by David Wainwright, Teresa Waring - Northumbria University

ERF Poster Session, MR Salon 1 Grand Atlantic Ballroom, 3:30 – 5:00 PM

ERF Slam Session D, MR Palominito A, 3:30 – 4:30 PM

"The Influence of Peers Social Structure in Healthcare Social Networking Websites" by Mohammad Al-Ramahi, Insu Park - Dakota State University

ERF Slam Session F, MR Icaco A, 3:30 – 4:30 PM

"Impact of HIT-Induced Error on Practice-Level EHR Use" by Rishikesh Jena - University of Arkansas

"A Study Of Healthcare Consumers' Voluntary Adoption and Non-Adoption of Electronic Personal Health Records in Connecticut" by Niki Kunene - Eastern Connecticut State University

"Adoption of Health Information Exchange by Small Clinics: An Institutional Perspective" by John Pendergrass, C. Ranganathan - University of Illinois at Chicago

"Super Stars or Equalized Field: An Empirical Analysis of an Online Healthcare Platform" by Ling Ge - City University of Hong Kong; Xitong Guo, Xiaoxiao Liu - Harbin Institute of Technology

"The Impact of Virtually Crowdsourced Social Support on Individual Health: Analyzing Big Datasets for Underlying Causalities" by Langtao Chen, Detmar Straub - Georgia State University

"Text Mining Patient-Doctor Online Forum Data from the Largest Online Health Community in China" by Haijing Hao - University of Massachusetts Boston; Kunpeng Zhang - University of Illinois at Chicago

"An Evidence-Based Analysis for Liver Transplants: Insights for Organ Allocation Policy" by Yuanfeng Cai - CUNY-Baruch College; Michael Voigt - University of Iowa; Dan Zhu - Iowa State University



"A Simulation Model for Evaluating Alarm Routing Policies in ICU Patient Monitoring Information Systems" by Sarin Shrestha, Surendra Sarnikar - Dakota State University

"Utilizing Blue Ocean Strategies for Electronic Health Care Documentation to Navigate the Red Ocean Waters of Health Care Reform" by Barbara Doster, Rosemary Ryan - University of Alabama-Birmingham Hospital

"Healthcare IT Capabilities and IT-Enabled Innovative Practices in Regional Healthcare Organizations" by Balaji Sankaranarayanan, Roger Yin - University of Wisconsin-Whitewater

"Design and Development of a Community-based mHealth Knowledge Sharing System" by Muluneh Atinaf - Addis Ababa University; Monica Garfield - Bentley College

"Using Latent Semantic Analysis to Identify Themes in IS Healthcare Research" by Arun Aryal, Mike Gallivan, You You Tao - Georgia State University

SIGHealth Business Meeting, MR Siete Mares A, 6:00 – 8:00 PM

SATURDAY, AUGUST 15th

Electronic Health Records I, MR Salon 1 Caribbean Ballroom, 8:30 – 10:00 AM

Session Chair: Richard Klein - Florida International University

"Health Informatics for Healthcare Quality Improvement: A Literature Review of Issues, Challenges and Findings" by Rangarajan Parthasarathy, Theresa Steinbach - DePaul University

"A Framework For Next Generation E-health Systems And Services" by Jorge Cardoso - University of Coimbra; Ronny Mans - Technische Universiteit Eindhoven; Paulo Cunha - University of Coimbra; Wil van der Aalst - Technische Universiteit Eindhoven; Henrike Berthold - SAP AG; Silvana Quaglini - University of Pavia

"EMR Adoption: A User Perception Study" by Amitava Dutta - George Mason University; Deepa Krishnan - Aravind Eye Care System; Ramkumar Veppathur Mohan - Deloitte Consulting; Sivaraman Ramanathan - McKinsey & Company; Rahul Roy, Priya Seetharaman - Indian Institute of Management, Calcutta

Electronic Health Records II, MR Salon 1 Caribbean Ballroom, 10:30 AM – 12:00 PM

Session Chair: Richard Klein - Florida International University

"Is it Health Information Technology? Task Complexity and Work Substitution" by Héctor Medina, Matthijs Verhulst, A-F Rutkowski - Tilburg University

"Healthcare Professionals' Attitudes towards Privacy in Healthcare Information Systems" by Michael Lapke, Christopher Garcia, David Henderson - University of Mary Washington

"What are They Saying?" Examining Healthcare Field Discourses in West Tennessee" by Kulraj Singh - South Dakota State University; Brian Janz, Sandra Richardson, Deepti Agrawal - University of Memphis; John Amis - University of Edinburgh

"Perioperative Workflow and Patient Care Documentation Perpetuated through Electronic Medical Records via Integrated Hospital Information Systems" by Jim Ryan - Auburn University at Montgomery; Barbara Doster, Sandra Daily - University of Alabama-Birmingham Hospital; Carmen Lewis - Troy University; Rosemary Ryan - University of Alabama-Birmingham Hospital

Electronic Health Records III, MR Salon 1 Caribbean Ballroom, 1:30 – 3:00 PM

Session Chair: Richard Klein - Florida International University

"Sharing Personal Health Information: Personalization Versus Privacy" by Rishikesh Jena - University of Arkansas

"A Multi-Agent Approach for HIE Design and Implementation" by John Zhang, Monica Tremblay, Gloria Deckard -

Florida International University

"Investigating System Development Processes in Healthcare Organizations" by Deema Alsekait, Suranjan Chakraborty - Towson University; Sutirtha Chatterjee - University of Nevada

Healthcare Analytics, MR Salon 1 Caribbean Ballroom, 3:30 – 5:00 PM

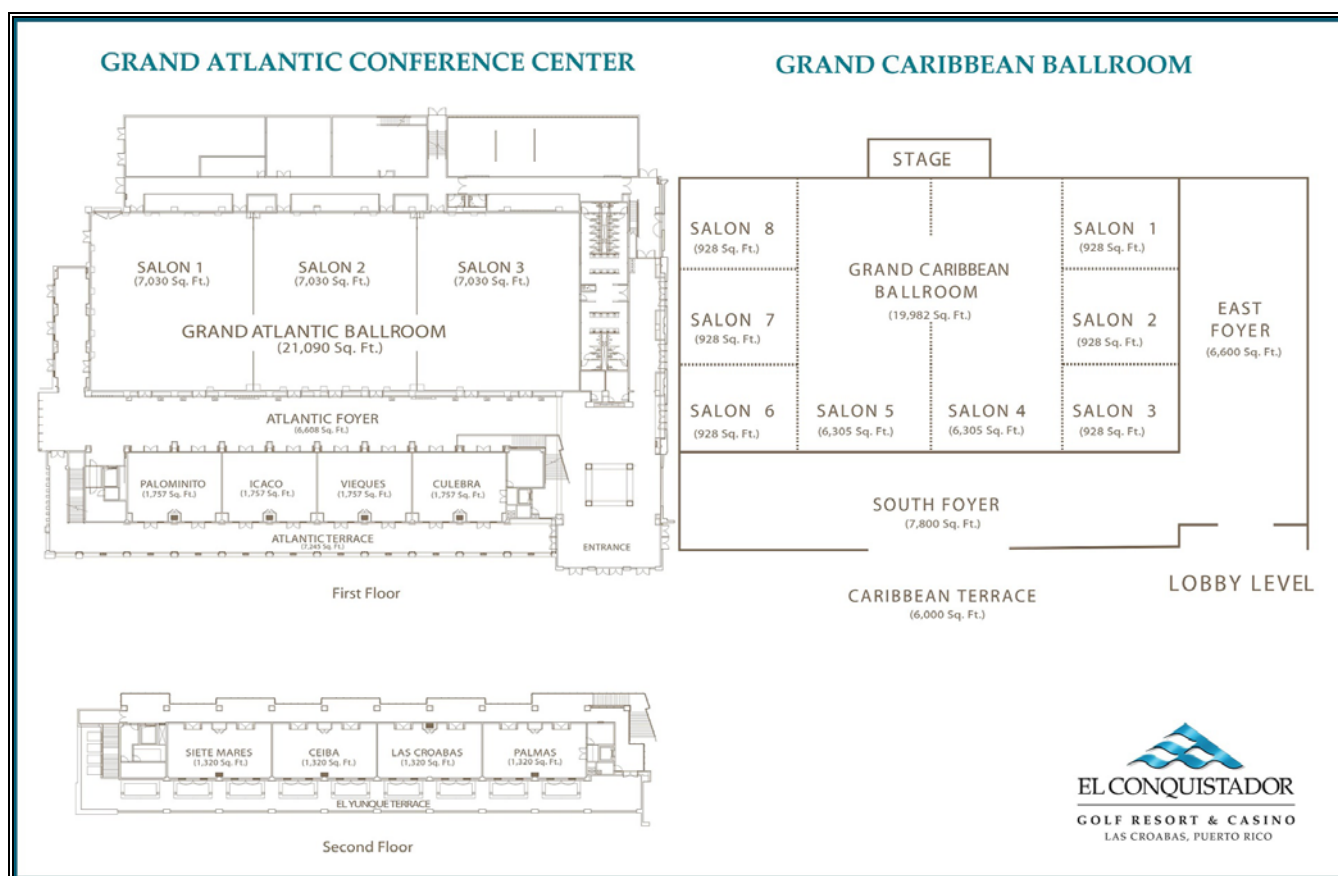
Session Chair: C. Derrick Huang - Florida Atlantic University

"Can Social Media Support Public Health? Demonstrating Disease Surveillance Using Big Data Analytics" by Ashwin Thandapani Kumarasamy - Oklahoma State University; Daniel Asamoah - Wright State University; Ramesh Sharda - Oklahoma State University

"The Spillover Effects of Health IT Investments on Regional Health Care Costs" by Hilal Atasoy - Temple University; Pei-Yu Chen - Arizona State University; Kartik Ganju - Temple University

"Analysis & Visualization of EHR Patient Portal Clickstream Data" by Farhan Mushtaq, Bengisu Tulu, Diane Strong, Sharon Johnson - Worcester Polytechnic Institute; Lawrence Garber - Fallon Clinic

Map of El Conquistador Resort's Conference Center Meeting Rooms





Best Paper Award 2015 Submissions...

Gondy Leroy

Thank you to all the members who submitted their published conference proceedings or journal articles for consideration of the inaugural SIGHealth Best Paper Award. The winners have been selected and will be announced at AMCIS 2015 during our SIGHealth business meeting on Friday, August 14th. The submitted papers' citations are listed below, so please join us in acknowledging our members efforts on publishing Health-IT research this past year.

Chothe, Shubhada & Saxena, Hari Mohan, (2014). "Innovative modifications to Rose Bengal plate test enhance its specificity, sensitivity and predictive value in the diagnosis of brucellosis", *Journal of Microbiological Methods*, 97(2), pp. 25-28. Available at <http://dx.doi.org/10.1016/j.mimet.2013.12.005>

Huang, Kuang-Yuan; Chengalur-Smith, InduShobha; & Ran, Weijia (2014) "Not Just for Support: Companionship Activities in Healthcare Virtual Support Communities," *Communications of the Association for Information Systems*: Vol. 34, Article 29. Available at: <http://aisel.aisnet.org/cais/vol34/iss1/29>

Kamis, Arnold; Yao, Yurong; & Kim, Seokjin (2014) "An Empirical Validation of the Patient-centered e-Health Framework in Patient-focused Websites," *Communications of the Association for Information Systems*, Vol. 34, Article 25. Available at <http://aisel.aisnet.org/cais/vol34/iss1/25>

Karppinen, Pasi; Lehto, Tuomas; Oinas-Kukkonen, Harri; Pätäälä, Timo; & Saarelma, Osmo, (2014) "Using Hermeneutics to uncover anomalies for non-adoption of behavior change support systems", *2014 Proceedings of the Pacific Asia Conference on Information Systems (PACIS 2014)*, Paper 110. Available at <http://aisel.aisnet.org/pacis2014/110>

Mayda Alrige; Abdulkareem Alsudais; Miloslava Plachkinova; & Samir Chatterjee, (2014). "EHR Adoption in Healthcare Practices: Lessons from Two Case Studies," *Proceedings of the Twentieth Americas Conference on Information Systems (AMCIS 2014)*, pp.10. Available at: <http://aisel.aisnet.org/cgi/viewcontent.cgi?article=1110&context=amcis2014>

Noteboom, Cherie Bakker; Motorny, Sergey P.; Qureshi, Sajda; & Sarnikar, Surendra (2014), "Meaningful Use of Electronic Health Records for Physician Collaboration: A Patient Centered Health Care Perspective", *Proceedings of the 47th Hawaii International Conference on System Sciences (HICSS 2014)*, pp. 656-666, doi:10.1109/HICSS.2014.87

Payton Fay Cobb; Kvasny, Lynette ; & Kiwanuka-Tondo, James , (2014). "Online HIV prevention information: How black female college students are seeking and perceiving", *Internet Research*, 24(4), pp.520 – 542. Available at <http://dx.doi.org/10.1108/IntR-09-2013-0193>

Regan, Elizabeth & Wang, Jumea, (2015). "Meaningful Use of Health IT: What Differentiates Success from Failure", *Journal of Health Information Management (JHIM)*, 29(2), pp. 52-61. Available at http://www.jhimdigital.org/jhim/winter_2015#pg52

Ryan, Jim; Doster, Barbara; Daily, Sandra; & Lewis, Carmen (2014). "A Balanced Perspective to Perioperative Process Management Aligned to Hospital Strategy", *International Journal of Healthcare Information Systems and Informatics (IJHISI)*, 9(4), 1-19. Available at <http://dx.doi.org/10.4018/ijhisi.2014100101>

San Nicolas-Rocca, Tonia; Schooley, Benjamin; & Joo, Seong-Jong (2014) "Design and Development of a Patient-Centered E-Health System to Improve Patient Understanding at Discharge", *Communications of the Association for Information Systems*, Vol. 34, Article 24. Available at: <http://aisel.aisnet.org/cais/vol34/iss1/24>

Strong, Diane M.; Volkoff, Olga; Johnson, Sharon A.; Pelletier, Lori R.; Tulu, Bengisu; Bar-On, Isa; Trudel, John; & Garber, Lawrence (2014) "A Theory of Organization-EHR Affordance Actualization," *Journal of the Association for Information Systems*: Vol. 15: Iss. 2, Article 2. Available at: <http://aisel.aisnet.org/jais/vol15/iss2/2>



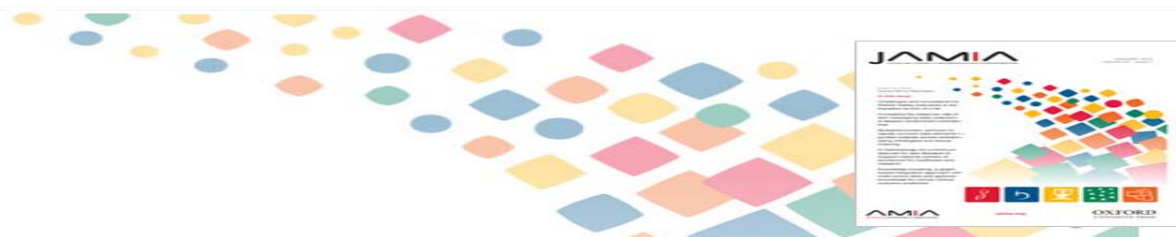
The 3rd International Conference on Health Information Technology Advancement (ICHITA), sponsored by the Homer Stryker M.D. School of Medicine and Western Michigan University, has the theme of Transforming Healthcare Through Information Technology – A Roadmap to Succeed Beyond 2015. This biennial conference explores service innovation and stakeholder engagement designed for HIT/HIM specialists, clinical practitioners, healthcare consumers, researchers and students. This year, the conference focuses on both practice and research that show evidence of successful healthcare transformation in and beyond 2015.

The conference's focus is aimed at 1) providing timely update on challenging issues and best practices for healthcare transformation, 2) exploring innovative use of health information technology to expedite and engage healthcare professionals/consumers in using EHR/HIT for better health and quality care at affordable costs and 3) presenting and sharing research findings. While not limiting, a list of possible research topics are identified below:

- | | |
|--|--|
| Adoption and Implementation of HIT | Patient Satisfaction and Empowerment using HIT |
| Best Practice in EMR/EHR Implementation | Physician/Nurse Workflow Design |
| Big Data Analytics for Healthcare | Physician and Patient Communication using HIT |
| Service Caregiver role and use of HIT | Promotion of Patient Self-care Management with HIT |
| Cloud-based Healthcare Services | Public health education thru stakeholder |
| Cognitive Computing | Quality care and patients in a HIT environment |
| Healthcare Consumer Health Informatics | Relationship-Centered Healthcare using HIT |
| Consumer Engagement and Satisfaction | Simulation and Models of Patient Care Processes |
| Consumer/Clinician as HIT resources | Smart Health and Wellbeing Technology |
| Hand-offs in Healthcare | Social Networking for Health Enhancement |
| Globalized and Sustainable Healthcare Practice | Standardization/Policy of Care Delivery Processes |
| Healthcare Disaster Planning | Tele-health and Telemedicine Solutions |
| Health Education and Literacy | User Acceptance of Patient-centric Healthcare |
| Health Information Management | Visual and GIS enabled Portals for Patients |
| HIT for Physician Engagement/Empowerment | Web Savvy Patient-centric Care using Social Media |
| Interoperability of Healthcare Information Systems | Workforce retraining in the HIT Enabled Organization |

Full papers in English containing original research contents are solicited. The length of the paper should be between 10 and 20 pages (< 5000 words) in APA format. High quality papers will be selected for presentation and publication in the Transactions of the International Conference on Health Information Technology Advancement – 2015. For more details please visit <http://www.aissighealth.com/wordpress/conference-the-3rd-international-conference-on-health-information-technology-advancement-ichita/>.

Note: The two best papers will receive “Conference Research Awards” and selected high quality papers will be further reviewed and published as a special issue of International Journal of Health Information Systems and Informatics.



Special Focus Issue on Health Informatics Education

Guest Editors

- Susan H. Fenton
UT School of Biomedical Informatics (Houston, TX)
- Monica Chiarini Tremblay
Decision Sciences and Information Systems Department, Florida International University College of Business

Description of the Special Issue

The health informatics profession continues to evolve and grow with the increased adoption of electronic health records, integrated medical devices, telemedicine, the emergence of precision medicine, the explosion of consumer-directed apps, and continued developments in genomics and other technologies. This variety of technologies and the need for standards and frameworks necessary for interoperability, when combined with a rapidly changing clinical environment and reimbursement models, requires innovative approaches and skilled informaticians. Additionally, the data generated along the way can prove helpful in testing existing models or theories for evidence-based clinical/administrative decision-making and research. Thus, the ability to analyze large amounts of structured and unstructured data also becomes a requirement for future informaticians. One of the challenges facing the profession is how to educate current and future health informatics professionals, as well as how to train other health professionals to improve processes and health outcomes with the use of technology.

The purpose of this special focus issue is to highlight the most innovative approaches, techniques, and evaluation studies related to health informatics education for informaticians and health professionals, domestically or around the world. Authors are encouraged to submit manuscripts for consideration as Research and Applications articles, Reviews, Brief Communications, or Case Reports. Emphasis will be given to manuscripts that include rigorous evaluations, and for manuscripts that quantify the capabilities of the proposed techniques and their impact on effective health informatics education. Authors should include details regarding the educational aspects of their research, including the technologies, assessment and pedagogical frameworks that were utilized in the work.

Topics of Interest and Scope:

Topics of interests include but are not limited to:

- Detailed, generalizable case studies and original applications of novel technologies, rubrics, program design, curriculum, or other pedagogical tools that had a measurable impact on health informatics education for informaticians and health professionals.
- Rigorous evaluation of program and student performance, i.e., via accreditation standards or other guidance.
- Highly innovative frameworks for the implementation or evaluation of educational programs.

Important Dates:

- October 1, 2015 Manuscript submission deadline
- December 1, 2015 (expected) Initial decisions sent to authors
- January 2, 2016 (expected) Revised manuscript submission deadline



- March 1, 2016 (expected) Final decisions sent to authors

Submission and Peer Review Process:

To ensure consideration in the special issue, authors should note in a cover letter that their submission is for the “Special Issue on Health Informatics Education”. Supplemental materials such as videos, illustrations, images, and/or additional screenshots are encouraged. Detailed information for online submission to JAMIA is available via the URL:
<http://jamia.oxfordjournals.org>.

All manuscripts will be subject to the rigorous JAMIA peer review process. After the initial programmatic review, manuscripts considered within the scope of JAMIA special issue and that meet the quality expectations will be reviewed by 2-3 experts for scientific merit.

Authors should format and structure their manuscripts according to the guidelines specified via the JAMIA Website:
http://jamia.oxfordjournals.org/for_authors/index.html. Accepted articles may appear in print or in an online JAMIA issue.

Questions Regarding the Issue:

Please direct any questions regarding the special issue or submissions to Susan Fenton at susan.h.fenton@uth.tmc.edu.

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.

Professional Accomplishments & SIGHealth Community News...

University of South Carolina's Master of Health Information Technology (MHIT), introduced in Fall 2012, awarded degrees to its first group of graduates this year with a 100% placement. The program, offered by the Integrated Information Technology Department in collaboration with the Arnold School of Public Health, has now grown to over 75 students. In Fall 2013, we introduced an online version of the program, and in Fall 2014 we introduced a new dual PharmD and MHIT degree program in collaboration with the College of Pharmacy. UofSC believes that this dual PharmD and MHIT degree is one of the first in the country. The program is presently in candidacy for CAHIIM accreditation in health informatics. UofSC currently has an open position posted for a tenure track assistant or associate professor in health IT and will be interviewing at AMCIS 2015 in Puerto Rico. For more information, contact Dr. Robert Brookshire (brookshire@sc.edu), Director of Studies in Health Information Technology.

Dr. Elizabeth Regan, Chair of Integrated Information Technology and Professor of Health IT at the University of South Carolina, was recently appointed to a two-year term on the HIMSS (Health Information Management Systems Society) Innovation Committee. Congratulations Betty!

University of South Carolina's research agenda in health IT is growing in collaboration with the broader South Carolina healthcare community. Areas of focus include mobile health IT apps, data analytics, and health IT and clinical transformation. Dr. Ben Schooley and Dr. Neset Hikmet have established a Center of Healthcare Innovation providing a HIPPA compliant data center for secure storage of health IT research data, which is being used for a number of their current projects.

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.

July 2015... INFORMS Healthcare 2015

Dates: July 29 – 31, 2015
Location: Nashville, Tennessee, USA
Registration: Regular registration open through July 28



[More Details...](#)

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

Dates: August 13 – 15, 2015
Location: San Juan, Puerto Rico
Registration: Regular registration to August 5th, onsite afterwards



[More Details...](#)

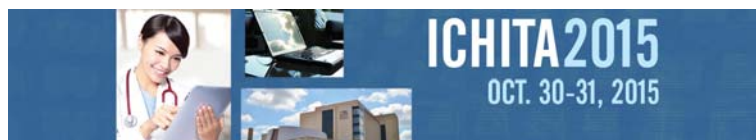
August 2015...SIGHealth Business Meeting during AMCIS 2015

Date: Friday, August 14, 2015
Location: Meeting Room Siete Mares A on 2nd floor of Grand Atlantic Conference Center
Time: 6:00 – 8:00 PM



October 2015...Third International Conference on Health Information Technology Advancement (ICHITA)

Dates: October 30 - 31, 2015
Location: Kalamazoo, Michigan, USA
Papers Due: August 31, 2015



[More Details...](#)

November 2015...Fourth ACM SIGSPATIAL International Workshop on the Use of GIS in Public Health

Dates: November 3, 2015
Location: Seattle, Washington, USA
Papers Due: August 15, 2015



[More Details...](#)



December 2015... International Conference on Information Systems (ICIS)

Dates: December 13 – 16, 2015

Location: Fort Worth, Texas, USA

Registration: Opens September 9, 2015



[More Details...](#)

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

Dates: January 5 – 8, 2016

Location: Poipu, Kauai, Hawaii

Registration: Early registration through October 1, 2015



[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...](#)

