



Editor's Notes...

Our June/July newsletter offers three articles that our membership may find useful during summer planning and reflection opportunities. The first article highlights an April CAIS paper that presents the recommendations and guidelines of a joint ACM and AIS study on undergraduate IS curriculum. The second article describes the itinerary scheduling tool currently available for AMCIS 2010 attendees. Similarly, the third article lists the SIGHealth and healthcare-related research scheduled for presentation during AMCIS 2010.

Bob Folden, our SIGHealth Resource Chair, continues his call to the SIGHealth membership for help in identifying SIGHealth resources. Growing and enhancing our SIGHealth knowledge-base benefits our SIG, our members, and our students.

Our annual SIGHealth meeting will be held during AMCIS on August 13 at 6:00 PM in Lima at the Swisotel's Inka I room. After our annual meeting, dinner reservations are being arranged at a local restaurant for all members who are interested. In the meantime, AMCIS registration continues on the AIS Website until July 26 and you may register on-site after July 26. Also, please remember to re-designate your membership in SIGHealth when you renew your AIS membership.

This month's newsletter also highlights upcoming opportunities for regional and international workshops and conferences. Please make note of the Doctoral Consortium on Sociotechnical Issues in Medical Informatics that is scheduled for November 13th and is offered in conjunction with the 2010 AMIA Conference. The Doctoral Consortium's application and paper submission deadline has been extended to July 15th.

In closing, please consider sharing your practitioner and research experiences with other SIGHealth members through contributions to your newsletter. Content received by the 20th of each month will appear in that month's issue and content received after the 20th will typically appear in the next month's 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).

Warmest regards,

Jim Ryan, Ph.D.
jeryan@troy.edu



IS 2010: Revised ACM | AIS Guidelines for Undergraduate IS Programs...**Jim Ryan**

The April 2010 CAIS article (Topi et al., 2010) proposes a revised information systems (IS) model curriculum that increases an IS program scope and flexibility to satisfy varied requirements from the changing business environment. The revised curriculum guidelines are adaptable for schools of business, public administration, and information science or informatics as well as stand-alone schools of Information Systems.

The IS 2010 curriculum is designed to educate and prepare graduates to enter the workforce equipped with the knowledge and skills specified over categories of IS specific, foundational, and domain fundamental. The curriculum separates core IS courses from career track electives, while providing a matrix that maps core and elective courses to career tracks. The authors identify and explain how the following seven core IS courses are requisites for any IS program:

1. Foundations of Information Systems
2. Data and Information Management
3. Enterprise Architecture
4. IS Project Management
5. IT Infrastructure
6. Systems Analysis & Design
7. IS Strategy, Management, and Acquisition

The authors propose that the joint ACM and AIS curriculum revision represents an effort to re-evaluate the core principles of the discipline through a very careful specification of degree learning outcomes. The high-level IS capabilities that the curriculum specifies as the highest level outcome expectations are:

- Improving organizational processes
- Exploiting opportunities created by technology innovations
- Understanding and addressing information requirements
- Designing and managing enterprise architecture
- Identifying and evaluating solution and sourcing alternatives
- Securing data and infrastructure, and
- Understanding, managing and controlling IT risks.

Article Reference:

Topi, Heikki; Valacich, Joseph S.; Wright, Ryan T.; Kaiser, Kate; Nunamaker, Jr., Jay F.; Sipior, Janice C.; and de Vreede, Gert-Jan (2010). "IS 2010: Curriculum Guidelines for Undergraduate Degree Programs in Information Systems." *Communications of the Association for Information Systems*: Volume 26, Article 18. Available online at: <http://aisel.aisnet.org/cais/vol26/iss1/18> ■

AMCIS 2010 Itinerary Planner...**Jim Ryan**

The AMCIS 2010 schedule is online as an available link from the AIS website (<http://amcis2010.abstractcentral.com/planner>). The scheduling tool allows AMCIS attendees to browse online the pre-conference activities, 13 panel sessions, 9 tutorial sessions, 13 workshops, 27 tracks, 534 paper abstracts (62% acceptance rate), 54 poster presentations, and the CIO symposium planned in Lima—prior to your arrival.

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. Moreover, individuals who cannot attend AMCIS 2010 are able to see conference activities and share in the knowledge dissemination. The deadline for online registration is July 26, so it is not too late to experience AMCIS 2010 in person. On-site registration is available after July 26. ■



All six of the SIGHealth mini-track sessions are currently scheduled in the Las Lanzas room of the Entrepreneurial Center, during the Friday and Saturday conference activities.

<u>Date</u>	<u>Time</u>	<u>Mini-Track</u>	<u>Chair</u>
Friday, 8/13	10:30 AM - 12:00 PM	Information Infrastructures in Health Care	Tina Jensen
	2:00 PM - 3:30 PM	E-health and Quality	Nilmini Wickramasinghe
	4:00 PM - 5:30 PM	Electronic Medical Records and IT	Alex McCleod
Saturday, 8/14	8:30 AM - 10:00 AM	Consumer-Centric Health Information Systems	Bengisu Tulu
	10:30 AM - 12:00 PM	Business Modeling in E-Health	Ton Spil
	2:00 PM - 3:30 PM	Role of Technology in Improving Health Care Delivery Processes	Diane Strong

The six SIGHealth mini-track sessions offer 22 paper presentations, with four other healthcare-focused paper presentations scheduled in three other mini-tracks. Using the AMCIS 2010 Itinerary Planner, we have included the SIGHealth presentations available during AMCIS2010. Individual paper abstracts are available online.

Friday, 8/13 10:30 AM-12:00 PM, Inka V (SWISSOTEL)

Individual Characteristics and the Diffusion of Information Technologies (I)

17. AMCIS-0491-2010.R1. Cultural Dimensions as Moderators of the UTAUT Model: A Research Proposal in a Healthcare Context *K. Huang; N. Choi; I. Chengalur-Smith*

Friday, 8/13 10:30 AM-12:00 PM, Las Lanzas (ENTREPRENEURIAL CENTER)

Information Infrastructures in Health Care

20. AMCIS-0595-2010.R1. Exploring the potential and challenges of using mobile based technology in strengthening health information systems: Experiences from a pilot study *S. Purkayastha; S. Sahay; A. Mukherjee*
21. AMCIS-0781-2010.R1. Institutional perspectives on implementing health information systems in developing countries: the case of electronic medical records (EMR) for children health in Vietnam *T. Nguyen*
22. AMCIS-0831-2010.R1. Data Warehouse Approach to HMIS Integration *C. Kanjo; E. Kossi; J. Braa; C. Moyo*
23. AMCIS-1025-2010.R1. Power Tensions in Health Information System Integration in Developing Countries: The Need for Distributed Control *E. Nyella; M. Mndeme*

Friday 8/13, 2:00 PM-3:30 PM, Las Lanzas (ENTREPRENEURIAL CENTER)

E-health and Quality

120. AMCIS-0378-2010.R1. Internet-based technologies as source of sexual and HIV/AIDS related health information among Addis Ababa University students *E. Wordofa; T. Tesema*
121. AMCIS-0518-2010.R1. Investigating Coordination Indicators in Epidemiological Surveillance for Influenza *T. Edgington*
122. AMCIS-0563-2010.R1. Data Analysis for Healthcare: A Case Study in Blood Donation Center Analysis *M. Chau; C. Lee; C. Chan; E. Cheng*
123. AMCIS-0981-2010.R1. Health-care: Entering the Green Energy Debate *G. Hackbarth; M. Pate*

Friday, 8/13 4:00 PM-5:30 PM, Las Lanzas (ENTREPRENEURIAL CENTER)**Electronic Medical Records and IT**

182. AMCIS-0247-2010.R1. Improving Healthcare: A Data Mining Approach *P. Becker; J. Walsh*
183. AMCIS-0691-2010.R1. Healthcare Information Technology Issues: Hospital CEO and CIO Perspectives *P. Palvia; K. Lowe; H. Nemati; T. Jacks*
184. AMCIS-0720-2010.R1. Can We Rely on Electronic Medical Record Systems to Reduce Medication Errors? *T. Jensen; P. Andersen*
185. AMCIS-1042-2010.R1. The use of Social Network Analysis to explore relationships between the Medical Informatics and Information systems literature *S. Cockcroft*

Friday, 8/13 6:00 PM-8:00 PM, Inka I (SWISSOTEL)**Annual SIGHealth Meeting****Saturday, 8/14 8:30 AM-10:00 AM, Paracas II (SWISSOTEL)****Applications of Data Mining**

230. AMCIS-0246-2010.R1. Data Mining: Healthcare Application *J. Walsh; P. Becker*

Saturday, 8/14 8:30 AM-10:00 AM, Las Lanzas (ENTREPRENEURIAL CENTER)**Consumer-Centric Health Informations Systems**

237. AMCIS-0485-2010.R1. Clinicians' Emotions and TeleStroke Use *J. Gogan; M. Garfield*
238. AMCIS-0615-2010.R1. Persuading Physical Activity Engagement with a Behavior Modification Sensor System *A. Price; S. Chatterjee*
239. AMCIS-0866-2010.R1. Healthcare Web Accessibility: Litigation Avoidance or Strategic Opportunity? *J. Frank; L. Segal; M. Weismann*
240. AMCIS-0907-2010.R1. Scalable and Comprehensive Health Information System Solutions for Low Resources Settings *J. Sabo; J. Braa; E. Kossi; A. Kanter; N. Lesh; C. Seebregts; D. Settle; B. Jolliffe*

Saturday, 8/14 10:30 AM-12:00 PM, Las Lanzas (ENTREPRENEURIAL CENTER)**Business Modeling in E-Health**

300. AMCIS-0258-2010.R1. A Pervasive Technology Solution for Diabetes Using Gestational Diabetes as a Model *N. Wickramasinghe; M. Singh; I. Troshani; S. Rao Hill; W. Hague; S. Goldberg*
301. AMCIS-0392-2010.R1. Assessment of Ubiquitous Healthcare Information Systems Benefits *A. Montazemi; J. Pittaway; H. QAHRI-SAREMI*

Saturday, 8/14 2:00 PM-3:30 PM, Inka V (SWISSOTEL)**Adoption and Diffusion of Information Technologies (II)**

354. AMCIS-0678-2010.R1. Implementation Success of Clinician Information Systems in Healthcare Contexts *V. Raghavan; X. Zhang; A. Jeyaraj*
356. AMCIS-0750-2010.R1. Perceived Organizational Readiness for IT-based Change and its Antecedents: An Exploratory Study in the Healthcare Sector *G. Paré; C. Sicotte; P. Poba-Nzaou*

Saturday, 8/14 2:00 PM-3:30 PM, Las Lanzas (ENTREPRENEURIAL CENTER)**Role of Technology in Improving Health Care Delivery Processes**

398. AMCIS-0749-2010.R1. Unanticipated influence of coordination mechanisms on physician work-styles and ED operational efficiency *D. Tilson; V. Tilson; V. Totten; E. Michelson*
399. AMCIS-1037-2010.R1. Simulation As a Method To Support Complex Organizational Transformations in Healthcare *D. Rothengatter; C. Katsma; J. van Hillegersberg*
400. AMCIS-1056-2010.R1. Mining Perioperative Data for Business Process Analysis and Redesign: A Case Study Perspective *J. Ryan; B. Doster; S. Daily; C. Lewis*
401. AMCIS-1069-2010.R1. Improving IT Enabled Continuity of Care Across Pre-Hospital and Hospital Settings *B. Schooley; R. McClintock; Y. Lee; S. Feldman; B. Hilton*

Networking Opportunities...

Spread the word: SIGHealth is a group on 

July 2010...Renewal of AIS Membership and Re-designating SIGHealth Interest

AIS membership renewal fees are often accessed during an AIS conference registration process, and AMCIS registration continues through July. 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.

[More Details](#)

August 2010...AMCIS 2010 and Annual SIGHealth Meeting

When: August 12 - 15, 2010

SIGHealth Annual Meeting scheduled for August 13, 6:00 P.M.

Where: Lima, Peru | Swissotel

SIGHealth Annual Meeting scheduled for Swissotel's Inka I meeting room.

Registration: Regular registration through July 26 and on-site registration after July 26



[More Details](#)

September 2010...Mediterranean Conference on Information Systems (MCIS)

When: September 12 - 14, 2010

Where: Tel-Aviv-Yafo, Israel

Health Informatics Track Chairs: Moshe Leshno, Tel-Aviv University, Israel
Elena Karahanna, University of Georgia, USA



[More Details](#)

November 2010...1st ACM International Health Informatics Symposium (IHI)

When: November 11-12, 2010

Where: Washington, D.C.

[More Details](#)

November 2010...Doctoral Consortium on Sociotechnical Issues in Medical Informatics

When: November 13, 2010

Where: Washington, D.C. (in conjunction with the 2010 AMIA Conference, November 13-17)

Submission Deadline: June 30 extended to July 15, 2010

The American Medical Informatics Association's (AMIA) People and Organizational Working Group along with the International Medical Informatics Association's (IMIA) Organizational and Social Issues Working Group with support from the National Science Foundation is proud to sponsor the 2010 Doctoral Consortium on Sociotechnical Issues in Medical Informatics (<http://faculty.ist.psu.edu/reddy/amia/>). The Doctoral Consortium is a forum in which doctoral students can meet and discuss their work with each other and with a panel of experienced researchers. Applicants should be past the candidacy stage and near their thesis proposal defense. If you would like to apply but do not meet this criteria, please contact the Consortium Chair, Dr. Madhu Reddy (mreddy@ist.psu.edu). The Consortium committee will select approximately 10-12 participants who will be expected to give short, informal presentations of their work during the Consortium. [More Details](#)

December 2010...International Conference on Information Systems (ICIS)

When: December 12 - 15, 2010

Where: St. Louis, Missouri, USA | Hyatt Regency

Registration: Registration begins September 1

SIGHealth will host an informal meet-n-greet again this year.



[More Details](#)

Publication Opportunities...

CFP: Doctoral Consortium on Sociotechnical Issues in Medical Informatics

Paper deadline is extended from June 30 to July 15, 2010.

[More Details](#)
