SIGHealth Newsletter

Volume 4 Issue 3 March 2010

Editor's Notes...

Our March newsletter highlights healthcare resources. The first article notes several healthcare resources from the Harvard Business Review's website concerning healthcare innovation. The resources cover BLOGs, podcasts, and articles from HBR's Insight Center as well as a video podcast of Eric Dishman from TEDMED this past year. Bob Folden, our SIGHealth Resource Chair, has also placed a call to the SIGHealth membership for help in identifying and categorizing resources available on our website. Growing and enhancing our SIGHealth resources and knowledge-base benefits our SIG, our members, and our students.
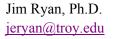
Mark Gaynor, our AMCIS Conference Coordinator and Track Chair, details your SIGHealth response to the 16th AMCIS call for papers. SIGHealth had 39 paper submissions to AMCIS 2010, which was a successful response. Mark and the rest of the minitrack chairs appreciate all the members who submitted papers and especially would like to thank all the members who volunteer their time to review these submissions. Our membership is a valued resource within our SIG and I look forward to the research presentations in Lima, Peru.

This month's newsletter also highlights upcoming resources from regional and international workshops and conferences. In early April, "A Unique Healthcare IT Workshop" presented by the Claremont Graduate University's School of Information Systems and Technology will be Webcast, allowing attendance from any location having Internet connectivity. Also in early April, the National Library of Medicine Conference will be hosted at the National Institute of Health.

In closing, I hope you will share your practitioner and research experiences as resources to 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 appear in the next month's issue. Suggested content categories are:

- News about SIGHealth members (up to 300 words): honors and awards, professional activities, new appointments, interesting projects, new books or publications, etc.
- We welcome SIGHealth related essays (about 900 words) from industry professionals .
- News and approaches to teaching e-health (up to 1800 words): new programs, curricula issues, teaching ideas or cases, sample syllabus, etc. Submissions may be a one or two-paragraph description, or a well-developed essay/complete syllabus.
- "How to's" on research methods, getting papers published, reviewing papers, etc.
- Abstracts of new SIGHealth dissertations that have been completed. Please include author's contact information.
- Short essays/opinions/research studies (up to 2,500 words)
- Interesting SIGHealth related journals and/or special issues, including citation information, brief description, table of content (for special issues), etc.
- Book reviews (about 900 words).
- Any other announcements (up to 300 words for each item).

Warmest regards,

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

Healthcare Innovation Resources on the Web...   Jim Ryan

Several resources on healthcare innovation were posted on the Web during March and I would like to share them with you in this month's newsletter. The Harvard Business Review's Insight Center has interactive resources that highlight important issues, as well as TED (Technology, Entertainment, Design)—a small nonprofit devoted to Ideas Worth Spreading.

How Innovation Can Tame Chaotic Care—A BLOG by Dr. Thomas H. Lee, who is the network president of Boston's Partners Healthcare System and a professor of medicine at Harvard Medical School. Dr. Lee is a co-author of *Chaos and Organization in Health Care*, and wrote the feature article Turning Doctors into Leaders in the April 2010 issue of Harvard Business Review.

IDEACAST: Redesigning Health Care—A 12-minute audio podcast by Richard Bohmer, who is a physician, Harvard Business School professor, and author of *Designing Care: Aligning the Nature and Management of Health Care*.

Ten Innovations That Will Transform Medicine—A BLOG by Gardiner Morse, who is a senior editor of Harvard Business Review Group. The ten innovations listed by HBR to watch are: checklists, behavioral economics, patient portals, payment innovations, evidence-based decision making, accountable care organizations, virtual visits, regenerative medicine, surgical robots, and genetic medicine. A slideshow of the ten innovations is also available on the website.

Why Innovation In Health Care Is So Hard—An article by Regina E. Herzlinger, who is the Nancy R. McPherson Professor of Business Administration at Harvard Business School. Dr. Herzlinger is the author of "Let's Put Consumers in Charge of Health Care" (HBR July 2002) and the editor of Consumer-Driven Health Care: Implications for Providers, Payers, and Policymakers (Jossey-Bass, 2004). She has written numerous Harvard Business School case studies on health care innovation, which she teaches in her course "Innovating in Health Care."

Redefining Competition in Healthcare—An article co-authored by Michael E. Porter and Elizabeth Olmsted Teisberg. Michael E. Porter is the Bishop William Lawrence University Professor at the Harvard University Business School. Elizabeth Olmsted Teisberg is an associate professor of business at the University of Virginia's Darden Graduate School of Business Administration in Charlottesville, where she focuses on innovation and strategy.

Will Disruptive Innovations Cure Health Care?—An article co-authored by Clayton M. Christensen, Richard Bohmer, and John Kenagy. Clayton M. Christensen is a professor of business administration at Harvard Business School. Richard Bohmer is a physician and also a senior lecturer at Harvard Business School. John Kenagy is a physician, a visiting scholar at Harvard Business School, and a clinical associate professor of surgery at the University of Washington in Seattle.

Eric Dishman: Take health care off the mainframe—This resource is a 16-minute video podcast recording of Eric Dishman at TEDMED. Dishman does health care research for Intel and is recognized globally for driving healthcare reform through home and community-based technologies and services, with a focus on enabling independent living for seniors. ∎

AMCIS 2010 | SIGHealth Minitracks CFP Response...   Mark Gaynor

We appreciate all the authors who, in total, submitted 39 papers to the SIGHealth minitracks for AMCIS 2010. What a successful response to the 16th AMCIS call for papers. The minitrack chairs and I would also like to extend a sincere thank you to all the reviewers who offered their time during the month of March to review these paper submissions.

Minitrack	Submissions
Information Infrastructures in Health Care	8
E-Health and Quality	5
Consumer-Centric Health Information Systems	2
Electronic Healthcare Records and Information Technology	7
Business Processes and Standards for Healthcare Integration	1
Business Modeling in E-Health	2
Role of Technology in Improving Health Care Delivery Process	12
Models in Healthcare	1
Ubiquitous and Persuasive Healthcare	1

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Call for SIGHealth Resources... Bob Folden

The SIGHealth field is dynamic and we need the membership's help. Our SIGHealth website offers its membership opportunities to list resources from healthcare-related dissertations, journals, and academic programs. Once posted, these resources grow the "IT in healthcare" knowledge base and offer our members, colleagues, and especially our students a common SIGHealth reference point. Please take the time to review the initial listings located on our website and then add to the existing knowledge base by making your contribution. Currently, our SIGHealth website has categories for:

Dissertations: If you or your graduate students have a SIGHealth-related dissertation, then please consider having a PDF version posted.

Journals: Our intent is to have a complete listing of all SIGHealth-related journals, so please let us know of any omissions.

Academic Programs: This listing focuses on health-related academic programs that are based in or substantially comprised of Information Systems, Information, and/or Computer Science academic units.

Other resource categories being considered are healthcare related books with reviews, abstracts of seminal SIGHealth journal articles, and an index of members' journal articles. Additional category suggestions are welcomed. Please direct your contributions and suggestions to Bob Folden, SIGHealth Resources Chair (bob_folden@tamu-commerce.edu). ∎

Networking Opportunities…

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

April 2010...National Library of Medicine & Friends of the National Library of Medicine Conference

When: April 6 - 7, 2010

Where: National Institutes of Health, Natcher Conference Center, Bethesda, Maryland

Cost: Early Registration - $295 (extended through March), Late Registration - $395, and Government employees are complimentary

With the emergence of new digital and genetic technologies, scientific and medical advances make personalized healthcare not just an aspiration, but also a technical reality. The 2010 Annual Conference of the National Library of Medicine (NLM) and the Friends of the National Library of Medicine (FNLM) will bring together experts from technical, scientific, clinical healthcare, and theoretical perspectives to highlight emerging trends, scientific opportunities, and medical applications.

<div style="text-align:right">More Details</div>

April 2010...Claremont Graduate University & AHIMA | A Unique Healthcare IT Workshop

When: April 8 - 9, 2010

Where: Albrecht Auditorium, Claremont Graduate University

Cost: In person $50 or Live Webcast $100 (attend the conference from anywhere)

Workshop Scope: This workshop's audience is primarily aimed at administrators, executives, directors and C-level managers in healthcare organizations, physicians and nurses who want to broaden their knowledge on electronic medical records, and students who want to pursue a career in healthcare informatics. The workshop will be taught by faculty members of Claremont Graduate University, Loma Linda University and leading practitioners from healthcare industry.

<div style="text-align:right">More Details</div>

Networking Opportunities…

May 2010...Workshop on "Healthcare Service Management and Modeling" MWAIS 2010 Conference

When: Friday, May 21, 2010

Where: School of Business, Minnesota State University Moorhead

Workshop Chairs: Ashish Gupta, Minnesota State University Moorhead, USA, gupta@mnstate.edu

John B. Osborn, Mayo Clinic, USA, osborn.john@mayo.edu

Ramesh Sharda, Oklahoma State University, USA, ramesh.sharda@okstate.edu

Cost: Registration for MWAIS is required to attend this workshop.

Workshop Description: This workshop will have several invited speakers, panels, and research presentations from academics and various sectors representing healthcare industry such as hospitals, nursing, pharmaceutical. There will be a roundtable session at the workshop for providing feedback to authors for the journal special issue.

Workshop Scope: This workshop invites original manuscripts (and work in progress) of high quality research that utilize various modeling, analytical, empirical, qualitative approaches and make significant contribution towards a) improving the management or performance of any aspect of healthcare network or any of its constituents, b) using innovative approaches towards resolving problems of significant interest within the healthcare domain, c) proposing and testing decision models that suggest improvement in state-of-art healthcare practice or delivery.

[More Details](#)

May 2010...Consumer Health Informatics Workshop | University of Maryland

When: Friday, May 28, 2010

Where: University of Maryland, College Park, which is less than 10 miles from Washington DC.

Cost: Workshop registration fee: $75 (covers breakfast, lunch, and snack).

Call for Participation: The HCIL Consumer Health Informatics Workshop, as part of the 27th Annual Human-Computer Interaction Lab (HCIL) Symposium, will examine the use of novel information and communication technologies (ICTs) in healthcare from the perspective of health consumers. Potential topics are varied and abstracts of no more than 300 words are due by April 30, 2010.

About HCIL: The Human-Computer Interaction Lab (HCIL) at the University of Maryland designs, implements, and evaluates new interface technologies that are universally usable, useful, efficient and appealing to a broad cross-section of people. We believe it is critical to understand how the needs and dreams of people can be reflected in our future technologies. To this end, the HCIL develops advanced user interfaces and design methodology. Our primary activities include collaborative research, publication and the sponsorship of open houses, workshops and symposiums.

[More Details](#)

August 2010...AMCIS 2010 and Annual SIGHealth Meeting

When: August 12 - 15, 2010

Where: Lima, Peru

Important Dates: April 12th - Notification of acceptance | April 26th - Final copy due

Registration: Begins May 1st

[More Details](#)

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

When: September 12 - 14, 2010

Where: Tel-Aviv-Yafo, Israel

Health Informatics Track

Track Chairs: Moshe Leshno, Tel-Aviv University, Israel

Elena Karahanna, University of Georgia, USA

Submission Deadline: May 1, 2010

Healthcare is an important challenge facing all nations in the Mediterranean as well as across the world. Developed and developing nations alike are facing the challenge of controlling rising costs while at the same time increasing quality of care, patient safety, and access. Given the promise of Information Systems to address these challenges, the healthcare industry has embarked towards a wide spectrum of automation (e.g., electronic medical/health records, computerized provider order entry, clinical decision support systems, telehealth applications, and more). The objective of the Healthcare track is to promote exchange of knowledge on the use of Information Systems for healthcare in the region and beyond. We welcome papers that examine the role of IS in addressing technical, economic, behavioral, strategic, organizational, and policy issues pertaining to healthcare. Submissions can focus on various diverse perspectives including providers (hospitals, physicians), policy makers (e.g., government), insurance companies, and patients. Theoretical, empirical, and policy-oriented contributions from a variety of theoretical and methodological perspectives are welcome.

More Details

Publication Opportunities...

CFP: Workshop on "Healthcare Service Management and Modeling" AND DSS Journal special issue on "Modeling for Better Healthcare"

Workshop panels are due March 15, 2010. Workshop papers are due March 31, 2010.

More Details

CFP: Special Issue of International Journal of Medical Informatics on Supporting Collaboration in Healthcare Settings

Papers are due March 31, 2010.

More Details

CFP: Consumer Health Informatics Workshop | University of Maryland

Abstracts of no more than 300 words are due by April 30, 2010

More Details

CFP: Second International Workshop on Organizational Design and Engineering (IWODE10)

Papers are due May 1, 2010.

More Details

CFP: Mediterranean Conference on Information Systems (MCIS)

Papers are due May 1, 2010.

More Details