



Editor's Notes...

In this month's newsletter, our first article highlights the early innovator grant opportunity for states to develop infrastructure for healthcare insurance exchanges. Our October newsletter also offers details on the "meaningful use" certification of electronic health record (EHR) applications toward the 2011 and 2012 window of opportunity. EHR "meaningful use" certification is a requirement for CMS (Medicare and Medicaid) incentive payments, through the HITECH Act, for eligible providers (i.e. individual physicians and clinics) and hospitals.

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 officers would like to remind the membership of the planned informal meeting to be held during ICIS on December 13 at 6:30 PM. When plans are finalized in November, specific meeting details will be posted on our Website and reposted in the newsletter. In the meantime, ICIS registration is underway and early registration ends November 2. Also, please remember to re-designate your membership in SIGHealth when you renew your AIS membership.

This month's newsletter also highlights upcoming networking and publishing opportunities for regional and international workshops and conferences. Please make note of the Center for Disease Control (CDC) Post-graduate Fellowship application deadline of November 3.

In closing, I hope you will share 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



Early Innovator Grants for Healthcare Insurance Exchanges...

Jim Ryan

In late October, the United States Department of Health and Human Services (HHS) announced competitive funding opportunities for states to develop information technology infrastructure that support healthcare insurance exchanges. The following details were taken from the October news release from HHS (<http://www.hhs.gov/news/press/2010pres/10/20101029a.html>):

Two-year grants will be awarded by February 15, 2011, to up to five States or coalitions of States that have ambitious yet achievable proposals that can yield IT models and best practices that will benefit all States. These States will lead the way in developing consumer-friendly, cost-effective IT systems that can be used and adopted by other States and help all States and the Federal government save money as they work to develop these new competitive market places. Funding, which will vary based on States' proposals, will provide necessary resources to develop and establish the most innovative systems possible that meet consumer and employer needs in a cost effective manner.

The funding opportunity number is IE-HBE-11-001 and the closing date for grant applications through grants.gov is December 22, 2010, and more information is available via the www.grants.gov Web page searching via keywords health insurance exchanges. Additional information is also available on GrantSolutions.gov (<https://www.grantsolutions.gov/g/preaward/previewPublicAnnouncement.do?id=12017>). ■

EHR Certification for “Meaningful Use”...

Jim Ryan

Under the Department of Health and Human Services (HHS), the Office of the National Coordinator (ONC) has designated three approved testing and certification bodies (ATCB) to certify electronic health record (EHR) software applications as capable of meeting the 2011/2012 criteria supporting Stage 1 meaningful use. Under the HHS Final Rule, Establishment of the Temporary Certification Program for Health Information Technology, EHR developers are required to provide complete information on the details of their ONC-ATCB 2011/2012 certification. The complete certification information includes company, product name and version, date certified, unique product identification number, the criteria for which they are certified, and the clinical quality measures for which they were tested, as well as any additional software a complete EHR or EHR module relied upon to demonstrate its compliance with a certification criteria. The ATCBs currently designated to certify EHR applications are the Certification Commission for Health Information Technology (www.cchit.org), the Drummond Group (www.drummondgroup.com), and InfoGard Laboratories, Incorporated (www.infogard.com).

EHR certification is a requirement for eligible providers and hospitals to qualify for funding under the American Recovery and Reinvestment Act (ARRA). The ARRA legislation directly allocated \$19 billion for health information technology through the Health Information Technology for Economic and Clinical Health (HITECH) Act to be administered by the HHS. Consequently, the HHS-ONC created a Web site to maintain the current listing of certified complete EHRs and EHR modules, which is accessible via <http://onc-chpl.force.com/ehrcert>. The EHR listing identifies the certifying ATCB, ONC certification number, vendor, product, classification, version, and certification status. The EHR application's certification status details and describes each of the 45 applicable product certification sections from §170.302(a) to §170.306(h). As of the end of October 2010, the list contains 64 applications (43 complete EHRs | 21 modular EHRs). An example of the EHR certification information available to eligible providers and hospitals is illustrated in the tables below that represent the Product Certification Overview excerpt from Certified Health IT Product Listing (CHPL) for Cerner Corporation:

Product Certification Overview Excerpt

ATCB	ONC Certification #	Vendor	Product	Product Classification	Module	Product Version #	Certification Status
CCHIT	CC-1112-657723-1	Cerner Corporation	Cerner Millennium Powerchart, Cerner Millennium FirstNet, Cerner Millennium ProFile, Health Sentry, Cerner Health Exchange and P2 Sentinel (Powered by Sensage)	Modular	N/A	Version 2007.19.12, P2 Sentinel Version 4.2.1	View Criteria

View Certification Criteria Excerpt (for Cerner EHR product)

- | | |
|--|---|
| <input checked="" type="checkbox"/> 170.302(a) Drug-drug, drug-allergy interaction checks. | <input checked="" type="checkbox"/> 170.302(b) Drug formulary checks. |
| <input checked="" type="checkbox"/> 170.302(c) Maintain up-to-date problem list. | <input checked="" type="checkbox"/> 170.302(d) Maintain active medication list. |
| <input checked="" type="checkbox"/> 170.302(e) Maintain active medication allergy list. | <input checked="" type="checkbox"/> 170.302(f)(1) Record and Chart Vital signs. |
| <input checked="" type="checkbox"/> 170.302(f)(2) Calculate Body mass index. | <input checked="" type="checkbox"/> 170.302(f)(3) Plot and display growth charts. |
| <input checked="" type="checkbox"/> 170.302(g) Smoking status. | <input checked="" type="checkbox"/> 170.302(h) Incorporate laboratory test results. |
| <input checked="" type="checkbox"/> 170.302(i) Generate patient lists. | <input checked="" type="checkbox"/> 170.302(j) Medication reconciliation. |
| <input checked="" type="checkbox"/> 170.302(k) Submission to immunization registries. | <input type="checkbox"/> 170.302(l) Public health surveillance. |
| <input checked="" type="checkbox"/> 170.302(m) Patient specific education resources. | <input type="checkbox"/> 170.302(n) Automated measure calculation. |
| <input checked="" type="checkbox"/> 170.302(o) Access control. | <input checked="" type="checkbox"/> 170.302(p) Emergency access. |
| <input checked="" type="checkbox"/> 170.302(q) Automatic log-off. | <input checked="" type="checkbox"/> 170.302(r) Audit log. |
| <input checked="" type="checkbox"/> 170.302(s) Integrity. | <input checked="" type="checkbox"/> 170.302(t) Authentication. |
| <input checked="" type="checkbox"/> 170.302(u) General encryption. | <input checked="" type="checkbox"/> 170.302(v) Encryption when exchanging electronic health information. |
| <input checked="" type="checkbox"/> 170.302(w) Accounting of disclosures (optional). | <input type="checkbox"/> 170.304(a) Computerized provider order entry. |
| <input type="checkbox"/> 170.304(b) Electronic prescribing. | <input type="checkbox"/> 170.304(c) Record demographics. |
| <input type="checkbox"/> 170.304(d) Patient reminders. | <input type="checkbox"/> 170.304(e) Clinical decision support. |
| <input type="checkbox"/> 170.304(f) Electronic copy of health information. | <input type="checkbox"/> 170.304(g) Timely access. |
| <input type="checkbox"/> 170.304(h) Clinical summaries. | <input type="checkbox"/> 170.304(i) Exchange clinical information and patient summary record. |
| <input type="checkbox"/> 170.304(j) Calculate and submit clinical quality measures. | <input checked="" type="checkbox"/> 170.306(a) Computerized provider order entry. |
| <input checked="" type="checkbox"/> 170.306(b) Record demographics. | <input checked="" type="checkbox"/> 170.306(c) Clinical decision support. |
| <input type="checkbox"/> 170.306(d)(1) Electronic copy of health information. | <input type="checkbox"/> 170.306(d)(2) Electronic copy of health information Note: For discharge summary. |
| <input checked="" type="checkbox"/> 170.306(e) Electronic copy of discharge instructions. | <input type="checkbox"/> 170.306(f) Exchange clinical information and patient summary record. |
| <input checked="" type="checkbox"/> 170.306(g) Reportable lab results. | <input checked="" type="checkbox"/> 170.306(h) Advance directives. |
| <input type="checkbox"/> 170.306(i) Calculate and submit clinical quality measures. | |

Networking Opportunities...

Spread the word: SIGHealth is a group on 

November 2010...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.

[More Details](#)

November 2010...CDC Postgraduate Training Program

Cynthia LeRouge

The Centers for Disease Control and Prevention (CDC) offers a 2-year postgraduate competency-based training program in public health informatics, the systematic application of information and computer science to public health practice, research, and learning. Fellows receive training in both informatics and public health, are assigned to teams involved in CDC information systems projects, provide technical assistance to state and local health departments and international agencies, and are given the opportunity to lead one or more major projects during their fellowship. Note, this is a paid fellowship beginning July 5, 2011. Salaries are based on federal pay grades GS 11 or 12, depending on your qualifications.

The deadline to apply for the fellowship period is on November 3, 2010. All supporting documentation must be received by November 11, 2010. Additional information regarding the Public Health Informatics Fellowship Program is available at <http://www.cdc.gov/PHIFP/>. ■

November 2010...McDowell Research Center—Seed Research Grant Program 2010-2011

The McDowell Research Center (MRC) at the University of North Carolina at Greensboro (UNCG) invites proposals from outside the UNCG for collaborative seed research grants relevant to its mission. Each grant award will fund up to a maximum of \$3,000 for salary support, expenses, or professional development. A maximum of three awards will be made. The deadline for electronic submission is November 15, 2010. This invitation is open to only full time faculty members. Students are not eligible.

[More Details](#)

November 2010...1st ACM International Health Informatics Symposium—IHI 2010

When: November 11-12, 2010

Where: Arlington, Virginia

What: IHI 2010 is the inaugural symposium on health informatics promoted by the Association for Computing Machinery (ACM).

[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)

[More Details](#)

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

When: December 12 - 15, 2010

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

Registration: Early registration through November 2.

SIGHealth will host an informal meet-n-greet again this year on Monday, December 13 from 6:30 p.m. to 8:30 p.m..



[More Details](#)

January 2011...Hawaii International Conference on System Sciences (HICSS)

When: January 4 - 7, 2011

Where: Koloa, Kauai, Hawaii, USA | Grand Hyatt Kauai Resort & Spa

Registration: Online registration continues until December 15, 2010

[More Details](#)

Publication Opportunities...

CFP: AMCIS 2011 Minitrack Proposals

The deadline for proposal submissions is November 1, 2010 (12 midnight EST)

Proposals should be a maximum of 2 pages long. Proposals should provide a brief one or two paragraph description of the main theme, its importance and relevance to information systems research and practice. You could also list some potential topics that will be covered. Each proposal must list names and contact addresses of mini-track chair/s.

Submit your minitrack proposal using the manuscript central system.

<http://mc.manuscriptcentral.com/amcis2011>

[More Details](#)

CFP: IEEE Conference on Healthcare Informatics, Imaging and Systems Biology

The First IEEE International Conference on Healthcare Informatics, Imaging and Systems Biology (HISB) will be held July 27-29, 2011, San Jose, CA <http://www.ieee-hisb.org>.

Key Dates:

Abstract submission deadline: February 11, 2011

Paper submission deadline: February 18, 2011

Notification of acceptance: May 16, 2011

Camera-ready papers due: June 20, 2011

Conference dates: July 27-29, 2011

[More Details](#)

CFP: 15th International Symposium for Health Information Management Research (ISHIMR 2011)

The ISHIMR Conference, being held in Zurich, Switzerland, brings together researchers in the general area of health information management and health informatics, providing a forum for the presentation and discussion of their research activities.

The conference topics will include

- a) Clinical Informatics
- b) E-Health
- c) Health Information Behaviour
- d) Knowledge Management in Healthcare

The mission of the conference is to provide a forum at which the latest research on healthcare informatics impacts patient care. Through this forum, we will enhance scientific knowledge and expertise, expediting the transition of research results into operational products.

Key Dates:

1st Announcement: 15 December 2011

Paper/Poster submission opens: 15 January 2011

Paper/Poster submission closes: 30 April 2011

Author registration opens: 1 May 2011

Author registration deadline: 30 June 2011

Early bird registration (reduced fees) deadline: 30 July 2011

Conference dates: September 8-9, 2011

[More Details](#)
