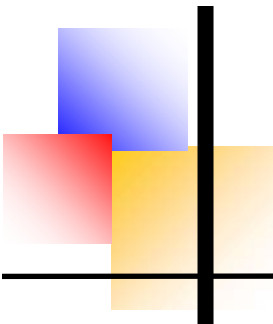


The BMI Buzz

February 2008

www.bmi.utah.edu

Issue 6



The University of Utah
Biomedical Informatics

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BMI website update

With a little nip and tuck, the Department's website received a big face-lift. As part of the overall web site updates throughout the University of Utah, our web site sports an updated look to match the branding initiative of the School of Medicine and the University of Utah as a whole. In addition to the new look, the site offers improved functionality for up-to-date news and announcements, including new faculty and graduate student profiles.

Faculty and graduate students can update their public page with biographical, academic and research information to link to other researchers on campus. The research keywords and search utilities are powered by a database shared by all faculty on campus. Faculty are able to list projects and research interests in collaboration with others in the department and across campus.

Continued on next page

BMI's strong presence at Fall 2007 AMIA Symposium

The 2007 Fall Symposium for the American Medical Informatics association was held in Chicago, Illinois, November 10-14. Faculty and students from the University of Utah's Department of Biomedical Informatics presented tutorials, posters, papers, and demonstrations, and participated in panel discussions and workshops. Citations and mentions of these contributions are listed throughout the newsletter.

Awards were presented to the following:

Chris Maloney (with **Dr. Per Gesteland**, **Dr. Joseph Hales**, and **Flory Nkoy**) received a Distinguished Paper Award.

Eric Hall (with **Dr. Sid Thornton**) was a finalist in the Student Paper Competition Finalist, and received the Nursing Informatics Working Group Award.

G. DelFiol (with **Dr. Peter Haug**) was also a finalist in the Student Paper Competition Finalist and was the 2nd place winner.

Dr. Charlene Weir's paper received a Distinguished Paper Award, and the Harriet H. Werley Award (NIWG).

Distinguished Poster Nominations were awarded to **Spencer Jones**; to **HongYing Tang** with **Drs. John Hurdle** and **Alex Goldfarb-Rumyantzev**; and to **Jeff Washburn** with **Dr. Sid Thornton**, et al.

BMI faculty members on AMIA committees

BMI faculty members also serve or have served on AMIA committees, as follows:

Dr. John Hurdle was Chair of the Ethics Committee Chair for 2007. **Dr. Peter J. Haug** serves on the Foundations of Informatics Scientific Program Committee. **Drs. R. Scott Evans**, **Joseph W. Hales**, and **Stanley M. Huff** serve on the Applications of Informatics Scientific Program Committee.

David Dorr receives AMIA award

BMI alumnus **David A. Dorr** received the 2007 AMIA New Investigator Award. He received the award at the Leadership Dinner on Saturday, November 10, as part of the AMIA 2007 Symposium. Former committee chair **Dr. John F. Hurdle** was at the dinner to lead the applause. This award recognizes an individual for early informatics contributions and significant scholarly contributions on the basis of scientific merit and research excellence.

David earned a Master's in Medical Informatics and Health Services Administration from the University of Utah.

Website, continued from previous page

Be sure to check out the links on the home page for updates and sample the Department's new podcast, which is currently available with iTunesU. We'll be adding functionality to help track department information about students and faculty with a new intranet web application. The next phase of the web application and website will include data feeds from campus data centers and web services to publish profiles in other formats.

The new site can be found at www.bmi.utah.edu. Make sure to update your bookmarks and visit the site often for news and important updates.

(This article was written by Randy Madsen.)

BMI hosts caBIG—VCDE—F2F Meetings

The Department of Biomedical Informatics along with the Huntsman Cancer Institute hosted the National Cancer Institute's (NCI) caBIG Joint Architecture and Vocabularies and Common Data Elements (VCDE) Face-to-Face Meeting on Jan 28-30, 2008. The cancer Biomedical Informatics Grid (caBIG™) is an initiative undertaken by NCI to "...accelerate research discoveries and improve patient outcomes by linking researchers, physicians, and patients throughout the cancer community (<https://cabig.nci.nih.gov/overview>)." Involvement with caBIG™ will become increasingly crucial for integrating with NCI's goal of multidisciplinary, multi-institutional, collaboratively based cancer research.

The University of Utah won the bid to host the face-to-face through Dr Lewis Frey's role as a mentor, guide and partici-

pant for the caBIG VCDE workspace. About 150 people registered for the meeting. Out of all caBIG face-to-face meetings, ours received the highest rating of 5 out of 5. Moreover, there were many complements similar to the following: "Easily the best organized and best supported meeting to date! The University of Utah and the host Cancer Center did a super job in every way." One of the most significant accomplishments was the approval of caBIG Gold Level Compatibility Guidelines. Additionally, Lab LOINC was accepted as a caBIG VCDE approved vocabulary. For additional information on the meeting, see the caBIG website (<https://cabig.nci.nih.gov/workspaces/VCDE/>). Drs. Lewis and Barbara Frey along with the department staff and student volunteers played a crucial role in the overall success of this meeting.

BMI people and projects in the news

Media and journal coverage of a number of projects and studies involving BMI faculty, students and alumni have surfaced lately. Here are some from recent months.

Dr. Facelli's crystal structures

An article featuring the work of **Dr. Julio Facelli** and other University of Utah researchers appeared in *Access*, the magazine of the National Center for Supercomputing Applications, in the Fall 2007 issue. This team of researchers used parallel genetic algorithms to predict crystal structures for a variety of organic substances, including pharmaceuticals, fertilizers and explosives. The article was written by J. William Bell who quoted Dr. Facelli extensively. The magazine's cover illustration also showed a comparison of the experimental and MGAC predicted structure of L-alanine, related to the U of U team's research. The article can be accessed at www.ncsa.uiuc.edu/News/Stories/gimmestructure.

Fasting and heart health study by Dr. Horne

A 2007 study conducted by alumnus **Dr. Benjamin Horne** regarding the relationship between fasting and cardiovascular health received a lot of media attention near the end of 2007. The research was conducted at LDS Hospital using the Intermountain Heart Collaborative Study registry, made up of pa-

tients who had heart angiography between 1994 and 2002, many of whom were members of the Church of Jesus Christ of Latter-Day Saints and who fasted regularly.

Many national and local news outlets including NPR, CNN, MSNBC, Good Morning America, CBS radio news, the Salt Lake Tribune and Deseret Morning News, picked up the story, as well as international news outlets in Canada, the UK, Switzerland, India, Malaysia, Uganda, and others. One public relations assessment found >260 media sites on the internet that covered it as well as dozens of medical web sites.

Dr. Horne is a graduate of the BMI program and also serves as an adjunct faculty member.

Kristina Thomas's nutrition datamining project

A partnership of the University of Utah, Primary Children's Medical Center, and Smith's food stores are conducting a study of family eating habits and how it relates to the growth and development of children. Reporter Ed Yeates reported on this study for KSL-TV in a segment aired on January 16, 2008. His article on ksl.com quotes BMI student **Kristina Thomas** (now Brinkerhoff) and **Dr. John Hurdle**, as well as Dr. Edward Clark, medical director at Primary Children's Medical Center, all of whom are involved in the study. The report can be accessed at <http://www.ksl.com/index.php?nid=481&sid=2501683>.

NLM Appointment for Dr. Hurdle

Dr. John Hurdle has been appointed to NLM's only standing study section, the Biomedical Library and Informatics Research Committee (BLIRC), for a four-year appointment.

DFR interviews Dr. Phansalkar

Shobha Phansalkar was interviewed by Drug Formulary Review (DFR) regarding her review on pharmacists' participation in chart-review for ADE detection. This study was included as part of Dr. Phansalkar's dissertation work in the BMI department.

Student Milestones

Student **Michael Buck** completed his PhD in January 2008. His dissertation was titled "Development and impact of computerized clinical decision support alerts on prescribing for elderly outpatients." His committee was comprised of Dr.

Peter Haug, Chair; and Drs. Adam Wilcox, Nicola Camp, Cherie Bruncker, and Scott Narus. Mike is currently fulfilling a post-doctoral assignment at Columbia University in New York.

Grants

Two department faculty members submitted applications for the National Children's Study Innovative Research Grant, sponsored by the University Department of Pediatrics. **Dr. Kristina Allen-Brady** submitted a one-year project titled "Down's Syndrome and Cancer." A two-year project, "Utilizing the EPIC EMR to improve asthma care" was submitted by **Scott Narus**, with Elizabeth Joy of DFPM.

Nicola Camp submitted an NIH R01 grant application titled "Genetic Epidemiology of Chronic Lymphocytic Leukemia." It is a 4 year sub-award with the Minnesota Mayo Clinic that seeks to identify and ascertain Utah high-risk Non-Hodgkin Lymphoma (NHL) pedigrees for linkage analysis which will contribute to the national Genetic Epidemiology of NHL consortium resource; and to perform a combined GEN genomic search, fine map significant linkage regions and identify susceptibility genes for Non-Hodgkin Lymphoma. **Lisa Cannon Albright** is a co-investigator.

A 1-year contract with GlaxoSmithKline has been awarded to **Dr. Julio Facelli**. He will pursue a project titled "Crystal structure determination using X-ray powder diffraction, solid state NMR, and crystal structure prediction."

Dr. Julio Facelli has submitted an application to the University Research Foundation for "Hardware infrastructure to support the development of the Federated Utah Research Translational Health e-Repository (FURTHEr)." If awarded, it will provide over \$73,000 for much needed hardware.

Dr. Joyce Mitchell was awarded funds by the NLM, to "Use the "Information Rx" Process to Refer Parents of Newborns with Metabolic Conditions Identified by Screening to the Genetics Home Reference Web Site for Health Information: Pilot Project in Utah." **Dr. Denise Beaudoin** will work with Dr. Nicola Longo of the University Metabolic Clinic to complete the project.

The Utah Department of Health has awarded a mini grant entitled "Evaluation of risk scores from family health history" to **Dr. Catherine Staes** and a graduate student in our department (Yuling Jiang) to validate the risk score algorithm and cutpoints used for diseases included in a family health history tool. The Health Family Tree program is a program developed in Utah by Steve Hunt and Ted Adams (both graduates from our Department) and others to collect family history information from the families of high school students, statistically analyze the history using a family risk score, and provide a written report to the students' families about their risk of common diseases and risk factors. The Health Family Tree program was used to collect data from 1983 to 2002. Between 1984 and 2000, data was collected for about 150,000 families and over 1 million relatives. After 20 years of use as an educational and public health tool in our community, there is an opportunity and need to evaluate and validate the risk algorithms. A web-based version of the Health Family Tree tool is nearing completion.

Drs. Lisa Cannon Albright, Nicola Camp, John Hurdle and **Roberto Rocha** are preparing grant applications for February 2008 deadlines.

Publications

Brune CW, Korvatska E, **Allen-Brady K**, Cook EH, Dawson G, Devlin B, Estes A, Hennelly M, Hyman SL, McMahon WM, Munson J, Rodier PM, Schellenberg GD, Stodgell CJ, Coon H: Heterogenous Association between Engrailed-2 and autism in the CPEA Network. *Neropsychiatric Genetics. Am J Med Genet B Neuropsychiatr Genet.* Oct 19 [Epub ahead of print]

Albright FS, Orlando P, Pavia A, **Cannon Albright LA**: Heritable fatal influenza. *Journal of Infectious Diseases. J Infect Dis.* 197(1):18-24.

Cannon-Albright LA: Utah family-based analysis: past, present and future. *Human Heredity.* 65:209-220 [e-pub first]

Eliason MJ, Hansen CB, Hart M, Chen W, Bowen G, Florell SR, Harris RM, **Cannon Albright LA**, Leachman SA: Multiple primary melanomas in a CDKN2A mutation carrier exposed to ionizing radiation. *Archives of Dermatology.* 143 (11):1409-12.

DelFiol G, Haug PJ. "Infobuttons and classification models: a method for the automatic selection of on-line information resources to fulfill clinician's information needs." *J Biomed Inform.* 2007 Dec 8 [Epub ahead of print].

BazterraVE, Bradford WB, **Facelli JC**, Price RC. "Digital Sherpa: A Set of High Level Tools to Manage Scientific Applications in a Computational Grid." Proceedings of the Workshop on Grid-Enabling Applications Mardi Gras Conference 2008, Baton Rouge, Louisiana. January 2008 (in press).

Facelli JC. "Digital Sherpa: A Set of High Level Tools to Manage Scientific Applications in a Computational Grid." Proceedings of the workshop of Grid-Enabling Applications, Mardi Gras Conference 2008, Baton Rouge, LA. January 2008.

Drs. Lewis Frey and Joyce Mitchell, along with Victor Maojo of the Universidad Politecnica de Madrid, wrote a chapter for a new book, "Genome Sequencing Technology and Algorithms," published by Artech House, 2008. The chapter is entitled "Genome Sequencing: A Complex Path to Personalized Medicine."

Weires MB, Tausch B, **Haug PJ**, Edwards CQ, Wetter T, **Cannon-Albright LA**: Familiality of Diabetes Mellitus. *Experimental and Clinical Endocrinology & Diabetes.* 115:1-7.

Hope CJ, Overhage JM, Seger A, Teal E, Mills V, Gandhi T, Bates DW, Murray MD. "A tiered approach is more cost effective than traditional pharmacist-based review for classifying computer-detected signals as adverse drug events." *Journal of Biomedical Informatics* 2003;36(1-2):92-98.

V. Huser and R. A. Rocha, "Retrospective Analysis of the Electronic Health Record of Patients Enrolled in a Computerized Glucose Management Protocol." Article. CBMS 2007, 20th IEEE International Symposium on Computer-based Medical Systems, 2007.

Goerges, M., **Staggers, N.** (in press). "Evaluations of Physiological Monitoring Displays: A Systematic Review. *Journal of Clinical Monitoring.*" e-publication 12/7/07 ahead of publication 2/08.

Staggers, N., & Brennan, P. (2007). Editorial. "Translating knowledge into practice: Passing the hot potato!" *JAMIA*, 14(5), 684.

Cannings C. **Thomas A**: Inference, Simulation and Enumeration of Genealogies: 23.1 Genealogies as Graphs, *The Handbook of Statistical Genetics. Third Edition*, Edited by D.J. Balding, M. Bishop and C. Cannings. © John Wiley & Sons, Ltd.

AMIA Publications

M. Buck. "Retrospective Monitoring of Drug-Drug Interactions Using a CPOE Alerting Knowledgebase." AMIA 2007 Fall Symposium. Chicago, IL. November 2007.

G. DelFiol, P. Haug. "Use of Classification Models Based on Usage Data for the Selection of Infobutton Resources." AMIA 2007 Fall Symposium. Chicago, IL. November 2007. **Student Paper Competition Finalist and 2nd Place Winner.**

S. Evans, L. Linford, J. Sharp, G. White, J. Lloyd, L. Weaver. "Computer Identification of Symptomatic Deep Venous Thrombosis Associated with Peripherally Inserted Venous Catheters." AMIA 2007 Fall Symposium. Chicago, IL. November 2007.

P. Gesteland. "Informing the Front Line about Common Respiratory Viral Epidemics." AMIA 2007 Fall Symposium. Chicago, IL. November 2007.

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Gundlapalli, H. Tang; C. Tonnierre, G. Stoddard, R. Rolfs, **R. Evans M. Samore.** "Computer-Based Detection of Central Nervous System Syndromes for Public Health Surveillance." AMIA 2007 Fall Symposium. Chicago, IL. November 2007.

E. Hall; S. Thornton. "Extracting Nursing Practice Patterns from Structured Labor and Delivery Data Sets." AMIA 2007 Fall Symposium. Chicago, IL. November 2007. **Student Paper Competition Finalist, Nursing Informatics Working Group Award.**

J. Hurdle, J. Botkin, T. Rindflesch. "Leveraging Semantic Knowledge in IRB Databases to Improve Translation Science." AMIA 2007 Fall Symposium. Chicago, IL. November 2007.

P. Warnekar, O. Bouhaddou, S. Brown, **M. Lincoln;** F. Parrish, N. Do, J. Kilbourne. "Use of RxNorm to Exchange Codified Drug Allergy Information Between the Department of Veterans Affairs (VA) and the Department of Defense (DoD)." AMIA 2007 Fall Symposium. Chicago, IL. November 2007.

C. Maloney, P. Gesteland, D. Wolfe, **J. Hales; F. Nkoy** "A Tool for Improving Patient Discharge Process and Hospital Communication Practices: the Patient Tracker." AMIA 2007 Fall Symposium. Chicago, IL. November 2007. **Distinguished Paper Award.**

C. Norlin; **R. Rocha.** "Developing a Web Site to Support the Implementation of Medical Home." AMIA 2007 Fall Symposium. Chicago, IL. November 2007.

S. Thornton, B. Thompson, J. Millar, L. Eggert, A. Wilcox. "Neonatal Bilirubin Management as an Implementation Example of Interdisciplinary Continuum of Care Tools." AMIA 2007 Fall Symposium. Chicago, IL. November 2007.

C. Weir, J. Nebeker. "Critical Issues in an Electronic Documentation System." AMIA 2007 Fall Symposium. Chicago, IL. November 2007. **Distinguished Paper Award, Homer Warner award, nominated for Harriet H. Werley Award (NIWG).**

Presentations

Camp NJ "Pleiotropic genetic etiologies in Hematological Malignancies: Evidence from the Utah Population Database." International Invited Presentation. National Hallamshire Hospital, U.K. July, 2007.

Camp NJ. "Localization of two prostate cancer genetic loci:22q12 and 8q24 using Utah extended pedigrees." International Invited Presentation. Section of Oncology. National Health Service Physicians, Sheffield, University of Sheffield medical School, Sheffield, England, July 2007.

Camp NJ. "Hematologic Malignancies in the Utah Population Database." International Invited Presentation. Division of Genetics and Molecular Medicine, Kings College London, U.K., June 2007.

V. Huser, R. A. Rocha, and M. Huser. "Conducting Time Series Analyses on Large Data Sets: a Case Study With Lymphoma." Poster presentation. Medinfo 2007, Brisbane, Australia. August 2007.

V. Huser. "Running Decision Support Logic Retrospectively to Determine Guideline Adherence: a Case Study With Diabetes." Poster presentation. Spring AMIA 2007 Symposium, Orlando, FL. May 2007.

V. Huser and R. A. Rocha. "Analyzing medical data from multi-hospital healthcare information system using graphical flowchart models." Presentation of paper. Biomedical Informatics and Cybernetics Symposium, Orlando, FL. July 2007.

Staggers N. "What to Expect When You're Expecting (a CIS)." Keynote. Baptist Health System Nursing Informatics conference. Miami, FL November 2007.

Staggers N. "Hot Off the Press: The ANA's 2008 Scope and Standards for Nursing Informatics." Webinar. National CARING (Capitol Area Roundtable Informatics in Nursing). November 2007.

Continued on following page

Presentations, continued from previous page

Staggers N. “Developing Informatics Standards for Nursing.” Presentation as part of the panel: Strategies and Techniques to Support Practice-Based Evidence and Evidence-Based Practice. Council for the Advancement of Nursing Science Special Topics Meeting. Washington, DC. November 2007.

Price RC, Bradford W, Bazterra VE and **Facelli JC.** “Digital Sherpa: A set of High Level Tools to Manage Scientific Applications in a Computational. Proceeding of the Workshop on Grid-Enabling Applications. Mardi Gras 2008 Conference, Baton Rouge, Louisiana. January 2008.

Facelli J. “Crystal Structure Prediction.” Oral presentation. GlaxoSmithKline, King of Prussia, Pennsylvania. October 2007.

Ferraro, MB, **Facelli JC** and Bazterra V. “Predicción de estructuras de cristales con moléculas flexibles en su celda (Prediction of crystal structures of flexible molecules).” Poster presentation. 92th Annual Meeting of The Argentine Physical Society, Salta, Argentina, September 2007.

AMIA Presentations

Guilherme Del Fiol participated in a workshop entitled “Standards in Clinical Decision Support: Activities in Health Level Seven.” AMIA 2007 Fall Symposium. Chicago, IL. November 2007.

Guilherme DelFiol was a panel member addressing “Integration of Health Information Resources into Electronic Health Records Using the “Infobutton” HL7 Standard.” AMIA 2007 Fall Symposium. Chicago, IL. November 2007.

Reed Gardner served on a panel for an invited session, discussing “Informatics as a Medical Specialty.”

Reed Gardner chaired a session addressing Clinical Decision Support, Outcomes, and Patient Safety. AMIA 2007 Fall Symposium. Chicago, IL. November 2007.

Peter J. Haug and **Dominik Aronsky** presented a tutorial entitled “Building Bayesian Decision Support Systems.” AMIA 2007 Fall Symposium. Chicago, IL. November 2007.

Stanley M. Huff presented a tutorial entitled “Practical Modeling Issues Representing Coded and Structured Patient Data in EHR Systems.” AMIA 2007 Fall Symposium. Chicago, IL. November 2007.

Stan Huff chaired a session addressing Partnerships in Innovation - Terminology and Tools for Collaboration. AMIA 2007 Fall Symposium. Chicago, IL. November 2007.

B.R. Jackson participated in a demonstration entitled “ARUP Consult: Development and Implementation of an Online Laboratory Test Ordering and Interpretive Guide.” AMIA 2007 Fall Symposium. Chicago, IL. November 2007.

Joyce Mitchell, Jacob Tripp and **Laritza Taft** participated in a workshop entitled “Eight Years of Experience of an International Partnership in Health Informatics Education.” AMIA 2007 Fall Symposium. Chicago, IL. November 2007.

Senthil Nachimuthu participated in a workshop entitled “Open Source Tools and Applications in Medical Informatics.” AMIA 2007 Fall Symposium. Chicago, IL. November 2007.

Kasey Poon participated in an exchange addressing “HealthInfoNet: Maine’s Statewide RHIO/HIE.” AMIA 2007 Fall Symposium. Chicago, IL. November 2007.

Laverne Snow served on a panel discussing “Looking Into the Future: National and State-based Perspectives on Health Information Exchange.” AMIA 2007 Fall Symposium. Chicago, IL. November 2007.

Catherine Staes served on a panel discussing “Public Health Informatics Training: Report From the Field on Why, Who, What, and How!” AMIA 2007 Fall Symposium. Chicago, IL. November 2007.

N. Staggers served on a panel discussing “Beyond the 2007 Scope and Standards for Nursing Informatics: Opportunities for Informatics Practice, Education and Research.” AMIA 2007 Fall Symposium. Chicago, IL. November 2007.

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Presentations, continued from previous page

S. Jones. “Real-Time Demand Forecasting in the Emergency Department.” Poster presentation. AMIA 2007 Fall Symposium. Chicago, IL. November 2007. **Distin-guished Poster Nomination.**

V. Huser, R.Rocha. “Graphical Modeling of HEDIS Quality Measures and Prototyping of Related Decision Support Rules to Accelerate Improvement.” Poster pres-entation. AMIA 2007 Fall Symposium. Chicago, IL. November 2007.

J. Lin, P. Haug “PTXT Finder—an Application for Finding Appropriate EHR Data Elements for Data Analysis Using Cross Referencing Information Sources.” Poster presentation. AMIA 2007 Fall Symposium. Chi-cago, IL. November 2007.

R. Holbrook, C. Staes, J. Mitchell, N. Longo, J. Bot-kin, R. Anderson. “Development of Requirements and a Pilot Registry for Long-term Follow-up of Children with Heritable Conditions.” Poster presentation. AMIA 2007 Fall Symposium. Chicago, IL. November 2007.

H. Tang, J. Hurdle, A. Goldfarb-Rumyantzev, B. Baird, C. Hunter, M. Tu, J. Koford. “Validating Predic-tion Models of Kidney Transplant Outcome Using Local Distinguished Data.” Poster presentation. AMIA 2007 Fall Symposium. Chicago, IL. November 2007. **Distin-guished Poster Nomination.**

A. Kamaau, , J. Scadden, R. Lenk, B. Schaad,, D. Carl-ston, R. Rocha. “Building Knowledge: A System for Batch Loading Biomedical Terminologies.” Poster pres-entation. AMIA 2007 Fall Symposium. Chicago, IL. November 2007.

J. Li, M. Lincoln. “Model-driven CDA Clinical Docu-ment Development Framework.” Poster presentation. AMIA 2007 Fall Symposium. Chicago, IL. November 2007.

C. Olola, R.Evans, B.Rowan, S. Narus, J.Nebeker, M. Poynton. “Enhancing Continuity of Care through an Emergency Medical Card at Intermountain Healthcare (IHC): Using Continuity of Care Record (CCR) Standard (E2369-05).” Poster presentation. AMIA 2007 Fall Sym-posium. Chicago, IL. November 2007.

S. Phansalkar, J. Hurdle, B. South, J.Hoffman. “Looking for a Needle in the Haystack? A Case for De-tecting Adverse Drug Events (ADE) in Clinical Notes.” Poster presentation. AMIA 2007 Fall Symposium. Chi-cago, IL. November 2007.

B. South, **S. Phansalkar, A. Swaminathan, T.Perl., M. Samore.** “Adaptation of the NegEx Algorithm to Veter-ans Affairs Electronic Text Notes for Detection of Influenza-like Illness (ILI).” Poster presentation. AMIA 2007 Fall Symposium. Chicago, IL. November 2007.

E. Bonham, **R. Rocha.** “Web-based Portal for Patients Undergoing Bariatric Surgical Procedures.” Poster pres-entation. AMIA 2007 Fall Symposium. Chicago, IL. November 2007

N. Walton, M. Poynton, , C. Maloney, P. Gesteland. “Forecasting Hospital Census at a Tertiary Care Chil-dren’s Hospital.” Poster presentation. AMIA 2007 Fall Symposium. Chicago, IL. November 2007

J. Washburn, S. Thornton, J. Hansmann, S. Bigelow, J. Worthen. “Feasibility of Linking External Valuation Sources to Bedside-Caregiver distinguished Activities in Interdisciplinary Patient Care Standards.” Poster pres-entation. AMIA 2007 Fall Symposium. Chicago, IL. No-vember 2007. **Distinguished Poster Nomination.**

Do you have items for the newsletter?

If you have items for the next newsletter you can submit them **at any time** up to the deadline (in April, exact date to be announced later) to Kathy Stoker at kathy.stoker@hsc.utah.edu. Items of interest include new grants and contracts, awarded or applications submitted; papers and publications published; talks and presentations given, participation in meetings, posters presented; work or research or awards or honors that show what BMI students and faculty are doing in the informatics community. For more information, contact Kathy at the above address or call her at (801) 585-3337.

If you have an idea for improving the BMI Buzz, contact Kathy, or Dr. Scott Narus, newsletter advisor.

Change of email address?

If your email address or other contact information changes, please contact BMI secretary JoAnn Thompson at joann.thompson@hsc.utah.edu. She keeps track of student and alumni records and contact information.