Health IT Systems:
Creating Meaningful Change in Practice, Education and Research in the Context of “Meaningful Use”

Purdue University School of Nursing
Regenstrief Center for Healthcare Engineering

Health IT Systems: Creating Meaningful Change in Practice, Education and Research in the Context of “Meaningful Use”

October 22, 2010
8:00a.m.-3:15p.m.
Fowler Hall, Stewart Center
Purdue University
West Lafayette, Indiana

Continuing education credits for nurses will be offered, CNEP-09 (06/11)
(Participants must be present for the entire event and submit a completed program evaluation to receive contact hours. There is no commercial support for this offering or conflict of interest with the speakers or planners.)
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Program Goal:

Examine the current and future impact of Health IT and “meaningful use” on healthcare quality, efficiency, and safety.

Objectives:

✓ Identify the current state of implementation of “meaningful use” criteria in healthcare organizations.

✓ Examine the actual and potential impact of adoption of Health IT and “meaningful use” in improving processes and quality outcomes in healthcare.

✓ Explore the barriers and challenges in the “meaningful use” from EHR and PHR data.

✓ Discuss teamwork and communication behaviors that can improve understanding and efficiencies among healthcare professionals.

✓ Discuss opportunities for consumer and patient engagement with emerging access to electronic health data.

✓ Discuss policy implications, future research opportunities and building “just in time” evidence for practice that result from availability of EHR data and Health Information Exchanges (HIE’s)

✓ Discuss ways the university can partner with healthcare organizations and Health Information Exchanges (HIE’s) to fully enhance the use of electronic health data for quality improvement.
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Agenda
October 22, 2010

7:30 a.m. Registration/Continental Breakfast

8:00 a.m. Welcome/Introductions  Jane Kirkpatrick, PhD, RNC-OB

8:15 a.m. Keynote Address: Patricia Hinton Walker, PhD, RN, FAAN, PCC
Adoption of Health IT: Innovation, Access and Change for Nurses, Interdisciplinary Groups, and Consumers

9:15 a.m. Marc Rosenmann, MD
Getting Systems to Communicate in Order to Build Large Data Sets: Lessons from a Health Information Exchange

10:00 a.m. Q&A

10:15 a.m. Break

10:45 a.m. Sara McComb, PhD
Teamwork and Communication Behaviors: Impact on Understanding and Efficiencies among Healthcare Professionals

11:30 a.m. Lunch (on your own)

1:00 p.m. Andrew Hamilton, MSN, RN
Electronic Health Records in Community Health Centers: Outcomes Measurement

1:45 p.m. Panel Discussion: Next steps in the Quest to Improve Outcomes and Make Meaningful Change
Patricia Hinton Walker, PhD, RN, FAAN, PCC
Andrew Hamilton, MSN, RN
Sara McComb, PhD
Mary Ann Sloan, MBA, BSN, RN
Moderator: Jane Kirkpatrick, PhD, RNC-OB

2:45 p.m. Patricia Hinton Walker, PHD, RN, FAAN, PCC
Looking Ahead: Next Steps toward Meaningful Change
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Keynote Speaker

**Patricia Hinton Walker, PhD, RN, FAAN, PCC** has held national prominence as leader in the nursing profession, as a dean, nursing service administrator and in the policy arena. She is Chair of Phase III of the TIGER (Technology Informatics Guiding Education Reform) initiative and is much-sought after speaker on topics such as: health informatics, leadership and cultural change in healthcare, cost and quality outcomes and patient safety. She is currently Vice President for Nursing Policy and Professor at the Uniformed Services University of the Health Sciences in Bethesda, MD where she previously served as Dean. In 2001, she was Senior Scholar in Residence at the Agency for Healthcare, Research and Policy (AHRQ) focusing on cost and quality outcomes, as well as patient safety research.

Dr. Hinton Walker has published widely in both nursing and interdisciplinary books and journals on informatics, interdisciplinary partnerships, patient safety, cost and quality outcomes of interdisciplinary practice, cultural change in healthcare and innovations in education and practice. She has served as a board member on both nursing and interdisciplinary organizations, recently Chairing the Informatics Expert Panel for the American Academy of Nursing. She has provided consultation in: Canada, Thailand, Hong Kong, Japan, United Kingdom, Belgium, Sweden, Finland, Poland and Saudia Arabia.

In addition to her professional nursing career, Dr. Hinton Walker became President and Founder of Hinton Walker Associates in the 1980’s and has recently added a coaching practice to this already established business. She is currently involved with career coaching for individuals and groups as well as she continues to provide consultation on organizational change due to the impact of informatics and technology.
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Featured Speakers

Marc Rosenmann, MD, Research Scientist, Regenstrief Institute, Inc. and Assistant Professor of Pediatrics at Indiana University School of Medicine

Dr. Rosenman's research focuses on clinical epidemiology, electronic medical records systems, and health information from multiple sources. Dr. Rosenman serves as faculty supervisor for the Institute's data management group.

2002-Present, Assistant Professor, Department of Pediatrics, Children's Health Services Research, Indiana University School of Medicine, Indianapolis, IN
2004-Present, Director, Health Data and Epidemiology Section, Regenstrief Institute, Inc, Indianapolis, IN
2004-Present, Director, Health Data and Epidemiology Section, Regenstrief Institute, Inc, Indianapolis, IN
2003-Present, Indiana Joint Asthma Coalition (INJAC)
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Sara A. McComb, PhD, is an Associate Professor of Industrial and Systems Engineering and holds the Parsons Career Development Professorship in Engineering Management at Texas A&M University. In January 2011, she will become a faculty member at Purdue University with a joint appointment in Nursing and Industrial Engineering. Prior to joining Texas A&M, she served on the faculty of the Isenberg School of Management at the University of Massachusetts Amherst. She received her B.S.I.E. from GMI Engineering & Management Institute, her M.S.E.S. from Rensselaer Polytechnic Institute and her Ph.D. from Purdue University’s School of Industrial Engineering. Dr. McComb’s research interests include examining collaboration, particularly the communication and cognitive processes of teams, and applying systems engineering to healthcare. Her research is funded by the National Science Foundation, the Office of Naval Research, and the Department of Defense, and is published in journals such as the IEEE Transactions on Engineering Management, Human Factors, and the Journal of Engineering and Technology Management.
Andrew Hamilton, RN, BSN, MS is Chief Operating Officer and Director of Clinical Informatics - Mr. Hamilton is a masters prepared Nurse Informatics with 11 years experience in both in-patient nursing care and outpatient community health as well as nursing administration. As the Director of Clinical Informatics, Andrew is responsible for developing clinical decision support and National Clinical Performance Measures into the organization’s EHRS and is leading the organization’s efforts related to meaningful use. Prior to working for the Alliance, Andrew was a Pediatric Critical Care nurse and a member of a large academic hospital HIT team supporting the implementation of clinical information systems. He has also served as the Director of Patient Care Services for Howard Brown Health Center, a large federally qualified community health center, for three years. Andrew currently serves as the Immediate President of the Board of the Centricity Healthcare User Group (CHUG) and is also a member of local, state, and national working groups related to EHRS and performance measurement. In addition, he is as an adjunct faculty at Loyola University School of Nursing and the University of Illinois at Chicago School of Nursing and recently joined the faculty at Northwestern University’s Medical Informatics Department. Andrew holds degrees as a BS in Nursing and MS in Nursing Business and Health Systems Administration with a focus on Nursing Informatics both from the University of Michigan School of Nursing.