Biomedical and Health Informatics Series
Tuesday, January 23, Room RR 134, 12:00-12:50

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"Addressing the Unintended Adverse Consequences of Computerized Physician Order Entry"

Computerized physician order entry (CPOE) implementation is the subject of a good deal of controversy, with proponents citing its ability to reduce medical errors and its opponents describing the many behavioral and workflow issues it raises. The Physician Order Entry Team (POET) at Oregon Health & Science University has studied the behavioral aspects of CPOE for the past six years. After identifying nine types of unintended consequences related to CPOE, the team gathered and analyzed data from an expert panel and from six successful sites to discover how unintended adverse consequences can be prevented or managed. During this presentation, Dr. Ash will outline strategies for addressing such consequences.

Dr. Ash holds masters degrees in library science (Columbia University), health science (California State University, Northridge), and business administration (Portland State University). Her doctorate is in Systems Science: Business Administration from Portland State. She has served on the Boards of Directors of the American Medical Informatics Association, the Medical Library Association, and on NLM's Biomedical Library and Informatics Review Committee, and is an elected fellow of the American College of Medical Informatics. Her research has as its focus behavioral and social issues related to implementing clinical information systems, specifically computerized physician order entry, and the use of qualitative methods for conducting such studies. She is the Principal Investigator and leader of POET, an NIH NLM funded research team with a web site at cpoe.org.

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The Biomedical and Health Informatics lecture series covers current topics and developments in Biomedical and Health Informatics. Presenters include faculty, students, researchers and developers from the University of Washington, other academic institutions, government, and industry (locally and nationally). The intended audience is the broader University of Washington and Seattle area community with an interest in BHI as well as BHI faculty and students.

Series Website: http://courses.washington.edu/mebi590/