Biomedical and Health Informatics Lecture Series

Tuesday, October 5, 2010
12:00-12:50 p.m., Health Sciences Room RR-134

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"Clinical Decision Support in Use in UW Medicine Electronic Medical Record Systems"

Computerized clinical decision support is one of the most popular topics in clinical informatics, and a frequent domain for research here and elsewhere over 40 years. Though some consider it oversold, with limited impact on care delivery and patient outcomes, it remains a frequently touted benefit of health information technology and is included in "Meaningful Use" criteria from the US Office of the National Coordinator for Health Information Technology. How much of what we have learned about clinical decision support has been translated into electronic medical record systems used for UW Medicine patients? Are we optimally applying clinical decision support features known to be effective, and avoiding their weaknesses? What potential exists to do more within our wards, clinics, and in our community, and what barriers remain?

Dr. Payne is the Medical Director of UW Medicine IT Services, since 2000, and Clinical Associate Professor of Medicine, Health Services, and Biomedical & Health Informatics. He is Attending Physician in Medicine at the University of Washington Medical Center and Harborview Medical Center. He attended Stanford University, the University of Washington School of Medicine, completed his internal medicine residency at the University of Colorado, and completed a fellowship at Massachusetts General Hospital in the Harvard Medical Informatics Fellowship program. Prior to his current position, he led the installation of the Veterans Administration CPRS electronic medical record at VA Puget Sound in Seattle for which VA Puget Sound was awarded the 2000 Nicholas E. Davies CPR Recognition Award. He is on the Editorial Board of the Journal of the American Medical Informatics Association, a fellow of the American College of Medical Informatics, the American College of Physicians and the Royal College of Physicians (Edinburgh). He organizes a seminar series titled Operating Clinical Computing Systems in a Medical Center and edited a book based on that series.

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http://courses.washington.edu/mebi590/schedule.htm

Podcasts from previous quarters are available at
http://courses.washington.edu/mebi590/past.lecture.schedules.html