



Biomedical and Health Informatics Lecture Series

Tuesday, October 4, 2011

12:00 - 12:50 p.m., Health Sciences, Room I-132

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"Electronic Medical Record Functionality: Should We Reexamine the Fundamentals?"

Health care organizations are increasingly moving to electronic medical record (EMR) systems because of their advantages and incentives to do so, most recently in the US as a result of HITECH. EMR functionality includes the ability to directly enter orders, document care, provide decision support, support electronic communication and to review and manage patient laboratory results, radiology reports and images. Providing thorough and efficient clinical results management through an EMR has received less recent attention than order entry and decision support, but presents challenges to EMR developers and those who implement them. We will review EMR functionality and discuss in detail current challenges in EMR results management functionality.

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, and the University of Washington's School of Medicine. He 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 entitled, "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>

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