



Biomedical and Health Informatics Lecture Series

**Tuesday, November 24, 2009
12:00-12:50 p.m., Room T-739**

Kenric W. Hammond, MD

Joint Clinical Associate Professor, Psychiatry and Behavioral Sciences/
Medical Education and Biomedical Informatics
University of Washington

Director, Medical Informatics Post-Doctoral Fellowship and
Staff Psychiatrist, VA Puget Sound Health Care System

“Assessing Information Value in Computerized Patient Care Documentation Systems”

As electronic medical record systems (EMRs) spread, the volume of computerized patient care documentation (progress notes, summaries, reports) expands rapidly and introduces new challenges to optimal EMR usage. Dr. Hammond will describe recent research conducted on this topic that examines the US Department of Veterans Affairs EMR system known as CPRS. This research combines qualitative and quantitative approaches including ethnography, statistical processing of large text corpora using information retrieval methods, and cognitive-perceptual studies. The goal of this research program is to identify features which provide value to document users and to understand the organizational and workflow factors which add or subtract “information value.” Dr. Hammond will describe current findings from this study and discuss implications for future EMR design and implementation.

Dr. Hammond received his undergraduate degree at Harvard in Biochemical Sciences and his MD at the University of California, San Diego. He took his psychiatry residency at UCSD and the University of Toronto. He has been a staff physician with the VA since 1978 and with the University of Washington School of Medicine since 1988. Throughout his VA career he has been involved in designing, researching and using the highly regarded and successful VA Computerized Patient Record System known as CPRS. His current research is supported by the VA Health Services Research and Development Service and involves collaboration with Efthimis Efthimiadis, PhD of the UW Information School, Charlene Weir, PhD of the Salt Lake City VA and University of Utah, and Peter Embi, MD, of the University of Cincinnati.

NOTE: Podcasts from MEBI 590 Lecture Series talks for this quarter are available at <http://courses.washington.edu/mebi590/schedule.htm>

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