Biomedical and Health Informatics Series

Tuesday, October 17th, Room RR 134

Harold I. Goldberg, MD

Professor, Department of Medicine, Adjunct Professor, Division of Biomedical and Health Informatics, Adjunct Professor, Department of Health Services

"Continuous Co-management of Chronic Disease Over the Internet: The University of Washington Experience"

Recent NHANES results suggest our healthcare system, based on short and infrequent clinic encounters, is producing inadequate chronic disease outcomes. Only a scandalously low 7% of American adults with diabetes have had all three of their "ABC risk factors" for vascular disease (A1c, blood pressure, and cholesterol) lowered to recommended levels -- even though effective drug therapies for these conditions have existed for 50 years or more. Accordingly, the UW has convened an academic/business consortium devoted to developing computing "environments" for the home-based co-management of chronic disease in between office visits. The lecture will cover original case studies, current RCT results, and ongoing development efforts.

Dr. Harold I. Goldberg is Professor of Medicine at the UW and Director of Clinical Informatics Development for UW Medicine IT Services. He is an Adjunct Professor in Biomedical and Health Informatics and in Health Services. He received his M.D. degree in 1977 from Stanford University, where he also completed a fellowship in health services research as a Robert Wood Johnson Clinical Scholar. His residency training came as an inaugural member of the UW's Primary Care Internist Pathway. Nationally, he currently serves on the Editorial Advisory Board of the Joint Commission Journal on Quality and Safety. In order to have the longitudinal data required to monitor and improve primary care quality at the UW, Dr. Goldberg led the creation of its first clinical data repository, the Medical Information Networked Database (MIND) in 1989 -- and later, the nation's first, institutional Web-based EMR (MINDscape) in 1995. Dr. Goldberg's IT research is currently focused on how patients at home can exchange data over the Internet in between clinic visits to improve co-management of chronic diseases such as diabetes and hypertension.

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/