

Biomedical and Health Informatics Series

Tuesday, April 3rd, Room T-739, 12:00-12:50

Bill Lober, M.D.

Associate Professor Biobehavioral Nursing and Health Systems and
Associate Professor Biomedical and Health Informatics, University of
Washington, Seattle, WA.

"Health Monitoring and Patient Engagement Through Regional Health Information Exchanges"

Dr. Lober's group has participated in a "model" health information exchange (HIE) for the past three years, at the annual meeting of the Health Informatics Systems Society (HIMSS). The model HIE is organized by a group called Integrating the Healthcare Enterprise, a group jointly sponsored by HIMSS, the Radiological Society of North America, and the American College of Cardiology. Dr. Lober will discuss how this HIE provides a test bed to explore work done by the UW Center for Public Health Informatics, specifically in the areas of population health monitoring/syndromic surveillance, and notifiable condition reporting. He will also discuss how the concepts being explored for notifiable condition reporting may eventually be extended to include direct engagement of individual patients by public health agencies.

William B. Lober MD MS is an Associate Professor at the University of Washington (UW) in the Schools of Nursing, Medicine, and Public Health & Community Medicine. Dr Lober is faculty in the UW Center for Public Health Informatics, and directs the UW Clinical Informatics Research Group, which focuses on the development, integration, and evaluation of information systems to support individual and population health. His academic interests include information system-based surveillance; personal and provider health records; support of population-based research in public health and biomedical research; computer supported collaborative work; and privacy and security. He graduated from the UCSF/UC Berkeley Joint Medical Program, trained in Emergency Medicine at University of Arizona, is EM board certified, and completed a National Library of Medicine fellowship in Medical Informatics. In addition to his clinical training, he has a BSEE in Electrical Engineering from Tufts University and 10 years of industry experience in hardware and software engineering. He is a founding editor of *Advances in Disease Surveillance* and is on the board of the International Society for Disease Surveillance.

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/>