

Biomedical and Health Informatics Series

Tuesday, November 7th, Room RR 134

Anne M. Turner, MD, MLIS, MPH

Acting Assistant Professor, Department of Health Services, Acting Assistant Professor, Division of Biomedical and Health Informatics

"Analyzing Public Health Information Workflow at the Local Level"

Across the country, local public health agencies struggle to develop information systems to meet health department operational needs, provide connectivity to state health departments and conform to emerging data requirements established by state and federal agencies. Existing local information systems, built to serve specific local health department needs often lack scalability and interoperability. In order to design public health information systems that meet diverse information needs of local health departments we need to better understand the work and information workflow of local public health professionals. Dr. Turner will present her current research with the Kitsap County Health Department on communicable disease information workflow. Task flow analysis and information work processes for communicable disease reporting and monitoring will be discussed.

Dr. Anne Turner is an Acting Assistant Professor in the Division of Health Services, School of Public Health and Community Medicine and Biomedical Health Informatics, School of Medicine. She is a core faculty member of the University of Washington Center for Public Health Informatics. Dr. Turner is a public health informaticist with a background in pediatrics, information science, medical informatics and public health. She completed a National Library of Medicine Medical Informatics Fellowship in 2004. Dr. Turner's research interests include the information needs and information workflow of local public health workers and the use of natural language processing to improve access to public health gray literature.

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/>