



Biomedical and Health Informatics Lecture Series
Course Website: [Link](#)

Tuesday, April 2, 2013
12:00 - 12:50 p.m., Room T-474

Anne M. Turner, MD, MLIS, MPH
Northwest Center for Public Health Practice
Assistant Professor, Department of Health Services
Assistant Professor, Department of Biomedical Informatics and Medical Education
University of Washington, Seattle

**“TransPHorm: Machine Translation vs. Manual Translation
for Public Health”**

Dr. Anne Turner’s presentation will focus on the TransPHorm project, a National Library of Medicine-funded five-year investigation of the application of statistical machine translation to improve access to multi-lingual health promotion materials for limited English proficiency (LEP) populations. Dr. Turner will provide an update on studies comparing the quality and cost of statistical machine translations versus manual translations for Spanish and Chinese. She will discuss current translation workflow and how novel technologies could be integrated into public health practice.

Dr. Turner is an Assistant Professor and public health informatics researcher at the University of Washington’s Northwest Center for Public Health Practice (NWCPHP) with a joint appointment in the Department of Biomedical Informatics and Medical Education, School of Medicine and the Department of Health Services, School of Public Health. Dr. Turner’s background is in clinical pediatrics, information sciences, and public health. Over the last 15 years, her research has focused on two major paths of inquiry: 1) studies to improving access to health information through the application of natural language processing and machine translation technologies; and 2) qualitative studies of the information needs and information workflow of public health professionals to inform the design of public health information systems.

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

Podcasts from previous quarters are available at <http://courses.washington.edu/mebi590/past.lecture.schedules.html>