Biomedical and Health Informatics Lecture Series

Course Website: **Link**

Tuesday, May 14, 2013

12:00 - 12:50 p.m.
Health Sciences, Room T-474

Eric Rose, MD, F.A.A.F.P.

Clinical Assistant Professor
Departments of Family Medicine and
Biomedical Informatics and Medical Education
University of Washington

"The Blood of the Soul: Strategies and Challenges in Clinical Interface Terminology"

The vision of safer, more effective, and cheaper health care system through informatics relies in large part on the availability of machine-interpretable data on individual patients. However, the capture of such data presents a serious challenge to clinicians using clinical information systems. This talk will discuss one approach to facilitating such capture: "clinical interface terminology", i.e. a lexicon of curated, clinician-friendly terms designed explicitly for use by clinicians at the point of care, and mapped to multiple standardized terminologies. In addition to reviewing the architecture of such a terminology, the talk will cover how such a terminology is maintained over time and challenges in its development and maintenance.

Dr. Eric Rose is a practicing family physician and applied clinical informaticist. As Director of Clinical Terminology at Intelligent Medical Objects he manages a team responsible for creating and maintaining terminologic content for clinician and consumer use, including mappings to standardized vocabularies. Previously, he has held product management, design, and product planning roles with various clinical information system vendors, including Microsoft and McKesson. Earlier, he provided clinical leadership for ambulatory EHR systems at the University of Washington Neighborhood Clinics, where he continues to hold faculty appointments in the Department of Family Medicine and the Division of Biomedical and Health Informatics. He was recently appointed to the U.S. Health Information Technology Standards Committee.

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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