Biomedical and Health Informatics Lecture Series

Tuesday, October 26, 2010
12:00 - 12:50 p.m., Health Sciences, Room RR-134

Nick Anderson, Ph.D.

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Adjunct Assistant Professor, Bioethics and Humanities
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"Inter-institutional data sharing: Practice and policy"

Advances and significant national infrastructure investment into clinical information systems are spurring a demand for secondary use and sharing of clinical and genetic data for translational research. This talk will give an overview of the issues, barriers and evolving opportunities associated with developing federated query systems, with a focus on the UW led i2b2-based Cross-Institutional Clinical Translational Research project. It will review the technical infrastructure, driving use cases, and policy implications associated with sharing clinical data across distributed institutional environments.

Dr. Anderson is an Assistant Professor in the Department of Medical Education and Biomedical Informatics. Prior to returning to academia, he worked in the private sector as both an engineer and engineering manager with several informatics companies developing applications to support personal health management. In 2007, he received his PhD for studying how the use of microarray expression analysis tools as a component of the experimental workflow affected research design, information sharing and collaboration. He is the Associate Director of the Biomedical Informatics core for the Institute of Translational Health Sciences, and PI on an inter-institutional data sharing project, the subject of today's presentation. His other research interests include research system implementation and usability, and biorepository data sharing workflows, policy and ethics.

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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