

Biomedical and Health Informatics Lecture Series

Tuesday, October 7, 2008
12:00 - 12:50 p.m., Room RR-134

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“Developing a scalable framework for interinstitutional clinical federated querying in the CTSA consortium”

The CTSA consortium offers unique opportunities to apply informatics research to the development of large-scale data sharing challenges. This talk will give an overview of the issues and opportunities associated with developing federated query systems in the CTSA environment, with a focus on the UW led 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 Acting Assistant Professor in the Department of Medical Education and Biomedical Informatics. He obtained a BS in Computer Science at Evergreen State College in 1991, and a MS in Biomedical Informatics at Oregon Health & Science University in 2004. Between these degrees he worked in the private sector as both an engineer and engineering manager with several informatics companies that focused on developing applications to support personal health management. It was during this period that he became interested in exploring how to balance the rich information necessary to describe the long-term maintenance of a clinical condition with a format that best supported the unique nature of a end-user's health management workflow. 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 Science, where his focus is on systems that provide integrated access to support clinical translational research as well as the data sharing policies and workflow processes to support them.

Series Website: <http://courses.washington.edu/mebi590/>

NOTE: Podcasts from MEBI 590 Lecture Series talks from Spring Quarter 2008 are available at <http://courses.washington.edu/mebi590/2008.Q2.Spring.htm>

Podcasts from Fall Quarter 2007 are available at <http://courses.washington.edu/mebi590/2007.Q4.Fall.htm>