

ASU® Department of **Biomedical Informatics**

Arizona State University

SPRING 2017

Biomedical Informatics Weekly Seminar Series

Analytics in Action

Timothy Miksch

IT Section Head

Mayo Clinic, Rochester

February 3, 2017 (2:45 p.m. – 4:00 p.m)

Room Sj 1-149 , Samuel C. Johnson Research Bldg.

Mayo Clinic Scottsdale



Speaker's Bio: **Tim Miksch** has been with Mayo Clinic since 1988, working in a variety of administrative departments including Human Resources, Management Engineering and Information Technology. Tim's current role is focused in three areas: Development and application of Mayo's first Applied Clinical Informatics program; Oversight of Mayo's Knowledge Content Management system; Information Technology planning and implementation for the Office of Population Health Management.

Prior to this role, he led a team to implement a common EHR to 70 clinics and 17 hospitals in the Mayo Clinic Health System, and was involved with multiple EHR enhancements, upgrades and implementations. Tim has a Bachelor's degree from the University of Iowa, and an MBA from the University of Phoenix. He is currently enrolled in Arizona State University's graduate level Biomedical Informatics program.

Talk Abstract: Presenting relevant information to providers during the course of care is a primary goal of biomedical informatics. This talk will discuss some of the principles of clinical informatics, the importance of developing meaningful human-computer interactions to reduce complexity and increase focus, and a prototype tool in use at the Mayo Clinic to support busy primary care providers.

In addition, Tim will present a case study of a project currently underway at Mayo to use core Informatics principles and techniques to capture and document workflow. This effort is being done in anticipation of significant change of current workflows as Mayo prepares for a system-wide Epic implementation. Several ASU faculty and students are actively involved in this effort to apply Informatics principles to real-life settings.