

Biomedical and Health Informatics Lecture Series

Friday, February 11, 2011

11:00 a.m. to Noon

South Campus Center, Room 316L

Daniel R. Masys, M.D.

Professor and Chair, Department of Biomedical Informatics
Vanderbilt University School of Medicine

Affiliate Professor, Medical Education and Biomedical Informatics
University of Washington, Seattle

“Informatics Methods to Accelerate Systemic Serendipity”

The Electronic Medical Records and Genomics network (eMERGE – www.gwas.net) is an NIH funded research consortium exploring genome-phenome correlations using EMR-derived data to define phenotypes. This talk will describe the informatics issues being addressed by the consortium, and some of the serendipitous outcomes that have been a scientific bonus of the planned research and its re-usable technical infrastructure.

Dr. Daniel R. Masys is Professor and Chair of the Department of Biomedical Informatics, Vanderbilt University School of Medicine. Previously he served as Director of Biomedical Informatics at the University of California, San Diego School of Medicine, Director of the UCSD Human Research Protections Program, and Professor of Medicine. An honors graduate of Princeton University and the Ohio State University College of Medicine, he completed postgraduate training in Internal Medicine, Hematology and Medical Oncology at the University of California, San Diego, and the Naval Regional Medical Center, San Diego. He served as Chief of the International Cancer Research Data Bank of the National Cancer Institute, National Institutes of Health, and was also Director of the Lister Hill National Center for Biomedical Communications, which is a computer research and development division of the National Library of Medicine.

Dr. Masys is an elected member of the Institute of Medicine of the National Academy of Sciences. He is a Diplomat of the American Board of Internal Medicine in Medicine, Hematology, and Medical Oncology. He is a Fellow of the American College of Physicians, and Fellow and Past President of the American College of Medical Informatics.

Dr. Masys' research interests include methods for analysis and meta-analysis of HIV-related epidemiology data, Internet utilities for conducting clinical and translational research, and genome-phenome correlation using phenotype data derived from electronic medical records data.

Website: <http://dbmi.mc.vanderbilt.edu/people/masys.html>