Joint Biostatistics Symposium

Thursday, April 19, 2018   Ohio State's Biomedical Research Tower

10:30-11am Poster set up

11:15-11:45 Jared Huling, OSU: "Comparative Intervention Scoring for Assessing Heterogeneity of Long-Term Health System Intervention Effects."

11:45-12:45 Lunch provided, Registration Required

12:45-1:15 Curtis Tatsuoka, CWRU: "Sequential Experimental Designs in fMRI."

1:15-1:45 Jeevanantham Rajeswaran, CCF: "Evolution of the Association Between Renal and Liver Functions While Awaiting Heart Transplant: An Application Using A Bivariate Multiphase Nonlinear Mixed Effects Model."

1:45-2:30 Break and poster session

2:30-3:30 Keynote address

"Identifying Genes For Type 2 Diabetes and Related Traits"

Dr. Michael Boehnke
Professor of Biostatistics at University of Michigan

In human gene mapping, we seek to determine the genetic basis of human health and disease to improve understanding of biology and disease etiology, to identify new targets for therapy and support better targeting of existing therapies, and to improve risk prediction. In this talk, I will discuss identifying genetic variants that impact risk of type 2 diabetes and variability in diabetes-related traits. I will put the work in an historical context, while emphasizing current work in array- and sequence-based genome-wide association studies. I will discuss lessons learned, including the critical roles of large sample size, innovative statistical and computational methods, and data sharing and collaboration.

2018 Joint Symposium Registration Link
Please register by April 12, 2018