



## Michigan Student Symposium for Interdisciplinary Statistical Sciences 2016

- 8:30 – 8:55 Registration and Breakfast (Assembly Hall)
- 8:55 – 9:00 Welcoming Remarks (Amphitheater)
- 9:00 – 10:15 Student Oral Presentations I (Amphitheater)  
Colleen A. McClain, Department of Survey Methodology  
*Pathways to consent: Psychosocial characteristics, biomarker collection, and data linkage in the Health & Retirement Study*  
Mathieu Bray, Department of Biostatistics  
*Incorporating Candidates with Multiple Associated Incompatible Donors in Kidney Paired-Donation*  
Pin-Yu Chen, Department of EECS  
*AMOS: A Model Order Selection Criterion for Spectral Graph Clustering*
- 10:15 – 11:15 Poster Session I (East Conference Room)
- 11:15 – 12:30 Student Oral Presentations II (Amphitheater)  
Jesus Daniel Arroyo, Department of Statistics  
*Community detection in networks via Sparse Principal Components Analysis*  
Karen Nielsen, Department of Statistics  
*Capitalizing on the Use of Basis Sets in Regression Spline Mixed Models*  
Michael Hornstein, Department of Statistics  
*Efficient mean structure estimation using matrix variate data*
- 12:30 – 1:45 Poster Session II and Lunch (Assembly Hall)
- 1:45 – 3:00 Student Oral Presentations III (Amphitheater)  
Sayantan Das, Department of Biostatistics  
*Next Generation Imputation Methods*  
Fan Wu, Department of Biostatistics  
*A Pairwise Likelihood Augmented Estimator for Left-Truncated Data with Time-Dependent Covariates*  
Mingdi You, Department of IOE  
*Statistical Models for Characterizing Heterogeneous Wake Effects in Multi-turbine Wind Farms*
- 3:00 – 4:00 Poster Session III and Coffee Break (West Conference Room)
- 4:00 – 4:55 Keynote Address (Amphitheater)  
Professor Michael I. Jordan, University of California, Berkeley  
*On the Computation/Statistics Interface*
- 4:55 – 5:00 Closing Remarks and Student Awards (Amphitheater)
- 5:00 – 7:00 Reception sponsored by MIDAS (Assembly Hall)

**Sponsors:** Department of Biostatistics, Electrical Engineering and Computer Science, Industrial and Operations Engineering, Statistics, Survey Methodology, and Michigan Institute for Data Science (MIDAS)

**Organizing Committee:** Wenting Cheng, Kristjan Greenewald, Wenbo Sun, JoonHa Park, and Felicitas Mittereder

**Faculty Advisory Committee:** Dr. Timothy Johnson, Dr. Clayton Scott, Dr. Eunshin Byon, Dr. Susan Murphy, and Dr. Brady West

