

Friday, October 21st

*Location: 4th floor of Palmer Commons
100 Washtenaw Ave, Ann Arbor, MI 48109*

08:30–09:00am: Registration and Breakfast

09:00–09:10am: Opening remarks by Xuming He

Keynote Session I - Chair: Liza Levina

09:10–10:10am: **Martin Wainwright**, *Massachusetts Institute of Technology*
Title: *Statistical Challenges in Sequential Decision-Making*

10:10–10:30am: Coffee Break

Session I - Chair: Yuekai Sun

10:30–11:00am: **Yong Chen**, *University of Pennsylvania*
Title: *PDA: A New Framework of Algorithms for Clinical Evidence Generation Using Real-World Data from Distributed Research Networks*

11:00–11:30am: **Mladen Kolar**, *Chicago Booth School of Business*
Title: *Adaptive Stochastic Optimization with Constraints*

11:30–12:00pm: **Yichen Zhang**, *Purdue University*
Title: *Distributed Inference for Semiparametric Binary Response Models*

12:00–1:30pm: Lunch Break

Session II - Chair: Snigdha Panigrahi

1:30–2:00pm: **Annie Qu**, *University of California, Irvine*
Title: *Query-Augmented Active Metric Learning*

2:00–2:30pm: **Chunming Zhang**, *University of Wisconsin*
Title: *New Statistical Learning Method for Independent Component Analysis with Noises*

2:30–3:00pm: **Ming Yuan**, *Columbia University*
Title: *Spectral Learning for High-Dimensional Tensor*

3:00–3:20pm: Coffee Break

3:20–4:00pm: Panel Discussion on **Statistics/Biostatistics/Data Science**
by Yuekai Sun, Mouli Banerjee, Jinchi Lv, and Rebecca Hubbard
Moderator: *Yixin Wang*

Session III - Chair: Saptarshi Roy

4:00–4:30pm: **Emma Zhang**, *Miami Herbert Business School*
Title: *Gaussian Graphical Models with Covariates*

4:30–5:00pm: **Zhuoran Yang**, *Yale University*
Title: *Is Pessimism Provably Efficient for Offline RL?*

5:30–6:30pm: Poster Competition at Michigan Union (530 S State St)
Michigan Union Rogel Ballroom – 2nd floor

6:30–8:30pm: Dinner Banquet at Michigan Union (530 S State St)
Michigan Union Rogel Ballroom – 2nd floor

Saturday, October 22nd

*Location: 4th floor of Palmer Commons
100 Washtenaw Ave, Ann Arbor, MI 48109*

08:30–09:00am: Coffee and check-in

Keynote Session II - Chair: Zhenke Wu

09:00–10:00am: **Rebecca Hubbard**, *University of Pennsylvania*
Title: *Too Big to Fail: Bias, Fairness, and Ethics of Conducting Medical Research in the Era of Big Data*

10:00–10:20am: Coffee Break

Session IV - Chair: Jean Morrison

10:20–10:50am: **Pei Wang**, *Icahn School of Medicine at Mount Sinai*
Title: *iProMix: A Mixture Model for Studying the Function of ACE2 Based on Bulk Proteogenomic Data*

10:50–11:20am: **Grace Hong**, *National Cancer Institute*
Title: *A Quantile Regression Decomposition Estimation of Disparities for Complex Survey Data*

11:20–11:50am: **Limin Peng**, *Emory University*
Title: *Partial Quantile Tensor Regression with Applications to Neuroimaging Data*

11:50am–1:30pm: Lunch Break

Session V - Chair: Kean Ming Tan

1:30–2:00pm: **Boaz Nadler**, *Weizmann Institute of Science*

Title: *Completing Large Low Rank Matrices with only Few Observed Entries: A One-Line Algorithm With Provable Guarantees*

2:00–2:30pm: **Wen-Xin Zhou**, *University of California, San Diego*

Title: *Expected Shortfall Regression*

2:30–3:00pm: *Poster awards, closing remarks by Peter Song, and a Photo Session*