Wenshuo Wang

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Education

Harvard University — **Cambridge, Massachusetts**
Ph.D. in Statistics, expected June 2021 — *Aug. 2016–Present*

University of California, Los Angeles — **Los Angeles, California**
Cross-disciplinary Scholars in Science and Technology Program — *July–Sept. 2015*

University of Science and Technology of China — **Hefei, China**
B.S. in Statistics, **Special Class for the Gifted Young** — *Sept. 2012–June 2016*

Publications and Manuscripts

*Author order is determined alphabetically.

Stephen Bates*, Emmanuel Candès*, Lucas Janson*, and **Wenshuo Wang***. Metropolized knockoff sampling. *Journal of the American Statistical Association* (accepted), 2020.

Yichao Li*, **Wenshuo Wang***, Ke Deng, and Jun S. Liu. Stratification and optimal resampling for sequential Monte Carlo. *arXiv preprint arXiv:2004.01975*, 2020.

Siliang Gong, **Wenshuo Wang**, Weijie J. Su, and Qi Long. Per-family error rate control for Gaussian graphical models via knockoffs. *In Submission*, 2020.

Teaching

As Instructor

- *Stat P-17000: Introduction to Probability and Statistical Inference* (**new**) — Harvard University, June–July 2018

As Teaching Assistant

- *Stat 211: Statistical Inference I* — Harvard University, Sept.–Dec. 2018
- *Stat 171: Introduction to Stochastic Processes* — Harvard University, Jan.–May 2018
- *Stat 210: Probability I* — Harvard University, Sept.–Dec. 2017
- *Applied Stochastic Processes* — University of Science and Technology of China, Sept. 2015–Jan. 2016
- *Linear Algebra* — University of Science and Technology of China, Mar.–July 2015

Talks

- *A Power Analysis of the Conditional Randomization Test and Knockoffs* — Bernoulli-IMS One World Symposium, Aug. 2020
- *Stratification and Optimal Resampling for Sequential Monte Carlo* — Joint Statistical Meetings (JSM), Aug. 2020
- *Metropolized Knockoff Sampling* — Dempster Prize Colloquium, Nov. 2019
- *Metropolized Knockoff Sampling* — Joint Statistical Meetings (JSM), July 2019
- *Metropolized Knockoff Sampling* (poster) — New England Statistics Symposium (NESS), May 2019
- *Challenges in High-Dimensional Variable Selection* — Models, Inference & Algorithms (MIA) Seminar at the Broad Institute, Dec. 2018

Internship Experience

Citadel Securities — **Chicago, Illinois**
Quantitative Researcher — *July–Aug. 2020*

Selected Awards

- National Scholarship (**Top 1%** nationwide), Chinese Ministry of Education (2013, 2014, 2015)
- CSST Scholarship (**Top 15%** Chinese and Japanese applicants), UCLA (2015)
- Outstanding New Student Award (**Top 1** in the Special Class for the Gifted Young), USTC Alumni Foundation (2012)
- China Undergraduate Mathematical Competition, **Nationwide, Second Prize** (**7$^{\text{th}}$** place, 2014)
- China Undergraduate Mathematical Competition, **Anhui Division, First Prize** (**2$^{\text{nd}}$** place, 2013)