Yi Niu

Contact Information

Department of Economics
University of Pennsylvania
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Education

2024–present	PhD in Economics, in progress, University of Pennsylvania
2020–2024	University of North Carolina at Chapel Hill B.S. in Economics and Mathematics; minor in Statistics and Analytics

Research Interests

Econometrics, causal inference, networks, and machine learning.

Working Papers

1. Policy-Relevant Difference-in-Differences (with Haobai Guo and Désiré Kédagni)
   Presented at Penn Empirical Micro Lunch (Nov. 2026).
   Scheduled: Southern Economic Association Annual Meeting (Nov. 2026; Haobai Guo).

2. Structural Fine-Tuning under Economic Restrictions (with Yuecheng Su and Ethan Yang)
   Presented at Penn Econometrics Lunch (Nov. 2026).
   Scheduled: Southern Economic Association Annual Meeting (Nov. 2026).

3. Network-Adaptive Instrumental Variables (with Zhengyan Xu)
   Presented at Penn Econometrics Lunch and the 11th Annual Conference on Network Science in Economics (Apr. 2026).
   Scheduled: Southern Economic Association Annual Meeting (Nov. 2026; Zhengyan Xu).

4. Representation Multiplicity in Causal Forests

5. Identification in Dynamic Dyadic Network Formation Models with Fixed Effects (with Wayne Yuan Gao)

Conferences and Seminars

November 2026	Econometrics Lunch, University of Pennsylvania
	Empirical Micro Lunch, University of Pennsylvania
April 2026	Econometrics Lunch, University of Pennsylvania
	11th Annual Conference on Network Science in Economics

Teaching Experience

Fall 2025–Fall 2026	Teaching Assistant, University of Pennsylvania ECON 2310: Econometric Methods and Models