

Siru Liu

📍 Atlanta, GA 📩 siruliu456@gmail.com 📞 (608)733-9991 💬 siru645.github.io 💬 siru456

EDUCATION

Ph.D. in Economics (GPA: 3.9)	Georgia State University	2026
M.S. in Economics (GPA: 3.9)	University of Wisconsin – Madison	2020
Bachelor in Financial Management	Southwestern University of Finance and Economics	2017

RESEARCH INTEREST

Matching market design, Public economics, Experimental economics

JOB MARKET PAPER

School Choice with Incomplete Preferences: An Experimental Study

- Examined the matching performance of the Deferred Acceptance (DA) mechanism and the Top Trading Cycle (TTC) mechanism when students can express incomplete preferences with logistic regression on experimental data.
- Key findings:
 - DA elicits higher overall truthful preference reporting rates than TTC.
 - Individual truthful reporting significantly increases efficiency and fairness of assignments.
 - Students with incomplete preferences could benefit their peers.

WORKS IN PROGRESS

DMV Information Provision and Organ Transplantation

- Studied the effect of Department of Motor Vehicle (DMV) information provision on organ transplantation from deceased donors using the staggered difference-in-difference estimation.
- Findings:
 - Providing written educational materials during driver's license applications and renewals increases transplants by 14-35% per zip code-year.
 - Treatment effects grow over time: modest impacts in the first two years (11% increase) strengthen to 29-35% increases by years 11-15.

Social Dilemma with Endogenous Resources [with Eye Eoun Jung, Wen Lu, and Ben Mosier IV]

- Investigated how the origin of shared resources in social dilemma games influences pro-social behavior by distinguishing between endogenous and exogenous resources with lab experiments.
- Findings:
 - Subjects behave less cooperatively when group account balances are endogenously low.
 - 50% of subjects have conditional other-regarding preferences when group account balances are exogenous.

PROFESSIONAL EXPERIENCE

Applied Data Analysis Consultant [Wharton Executive MBA Group Project]

- Advised client team on evaluating career platform effectiveness serving 7,000+ job seekers
- Designed analytical framework linking user engagement metrics to employment outcomes
- Recommended linear and logistic models to quantify platform impact on job placement
- Delivered technical guidance on data analysis and provided sample code for implementation

TEACHING EXPERIENCE

Instructor to Mathematical Economics, GSU	2024
Instructor to Principles of Macroeconomics, GSU	2024
Teaching Assistant to Microeconomics II (PhD), GSU	2025
Teaching Assistant to Global Economics , GSU	2024
Teaching Assistant to Applied Statistics and Econometrics (Master), GSU	2023-2024
Teaching Assistant to Intermediate Microeconomics, Spelman College	2021-2023

SOFTWARE AND SKILLS

Programming & Tools: Stata, Python, R, Excel, Qualtrics

Analytical Methods: Causal inference (Difference-in-Differences, Event Studies, Two-way Fixed Effects, Synthetic Control, Regression Discontinuity, Instrumental Variables), Experimental design

CONFERENCES AND WORKSHOPS

Southern Economic Association (SEA) Annual Meeting, presenting JMP	2024
Western Economic Association International (WEAI) Annual Conference, presenting JMP	2024
enCOREage workshop	2024

GRANTS AND AWARDS

Langdale Chair Foundation (\$2,280), GSU	2024
AYS Dissertation Fellowship (\$3,000), GSU	2024
CEAR Scholar (\$5,000), GSU	2024
The E.D. "Jack" Dunn Fellowship (\$600), GSU	2023
The Dean's Fellowship (\$24,000), GSU	2020