

Siru Liu

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

EDUCATION

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

RESEARCH INTERESTS

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 using controlled laboratory experiments
- Key findings:
 - DA elicits higher overall truthful preference reporting rates than TTC
 - Truthful preference reporting significantly increases matching efficiency and fairness
 - 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 staggered difference-in-differences estimation
- Findings:
 - Providing written educational materials during driver's license applications and renewals increases annual transplants by 14–35% per ZIP code
 - 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 prosocial behavior with laboratory experiments
- Findings:
 - Subjects behave less cooperatively when initial 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, <i>GSU</i>	2024
Instructor to Principles of Macroeconomics, <i>GSU</i>	2024
Teaching Assistant for Microeconomics II (PhD), <i>GSU</i>	2025
Teaching Assistant for Global Economics , <i>GSU</i>	2024
Teaching Assistant for Applied Statistics and Econometrics (Master), <i>GSU</i>	2023-2024
Teaching Assistant for Intermediate Microeconomics, <i>Spelman College</i>	2021-2023

SOFTWARE AND SKILLS

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

Analytical Methods: Causal inference (Difference-in-Differences, Event studies, Synthetic control, Regression discontinuity, Instrumental variables), Experimental design, Survey 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), <i>GSU</i>	2024
AYS Dissertation Fellowship (\$3,000), <i>GSU</i>	2024
CEAR Scholar (\$5,000), <i>GSU</i>	2024
The E.D. "Jack" Dunn Fellowship (\$600), <i>GSU</i>	2023
The Dean's Fellowship (\$24,000), <i>GSU</i>	2020