

Siru Liu

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BIO

I am an applied economist specializing in matching market design, experimental and public economics. I design experiments to study subjects' behavior and use quasi-experiments to address real-world questions. My PhD training has strengthened critical thinking, collaboration, communication, and the ability to translate economics concepts and data to diverse audiences.

EDUCATION

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| 2026 | Ph.D. in Economics (expected)
Georgia State University, GA, United States |
| 2020 | M.S. in Economics
University of Wisconsin-Madison, WI, United States |
| 2017 | Bachelor in Financial Management
Southwestern University of Finance and Economics, Chengdu, China |

JOB MARKET PAPER

School Choice with Incomplete Preferences: An Experimental Study

- Designed and implemented a lab experiment to study the performance of the Deferred Acceptance (DA) mechanism and the Top Trading Cycle (TTC) mechanism when students can express incomplete preferences through pairwise comparisons
- Key findings:
 1. DA elicits higher overall truthful preference reporting rates than TTC.
 2. Individual truthful reporting significantly increases efficiency and fairness of assignments.
 3. 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:
 1. Providing written educational materials during driver's license applications and renewals increases transplants by 14-35% per zip code-year.
 2. 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 individual behavior by distinguishing between endogenous resources and exogenous resources.
- Findings:
 1. Subjects behave less cooperatively when group account balances are endogenously low.
 2. 50% of subjects have conditional other-regarding preferences when group account balances are exogenous.

TEACHING EXPERIENCE

Instructor to Mathematical Economics (Undergraduate), Georgia State University
Fall 2024

Instructor to Principles of Macroeconomics (Undergraduate), Georgia State University
Spring 2024

Teaching Assistant to Microeconomics II (PhD), Georgia State University
Spring 2025

Teaching Assistant to Global Economics (Undergraduate), Georgia State University
Fall 2024

Teaching Assistant to Applied Statistics and Econometrics (Master), Georgia State University
Spring 2024, Fall 2023

Teaching Assistant to Intermediate Microeconomics (Undergraduate), Spelman College
Spring 2023, Fall 2022, Fall 2021

CONFERENCES AND WORKSHOPS

2024 Southern Economic Association (SEA) Annual Meeting,
presenting "School Choice with Incomplete Preferences"

2024 Western Economic Association International (WEAI) Annual Conference,
presenting "School Choice with Incomplete Preferences"

2024 enCOREage workshop

GRANTS AND AWARDS

2024 AYS Dissertation Fellowship, Georgia State University

2024 CEAR Scholar, Georgia State University

2023 The E.D. "Jack" Dunn Fellowship, Georgia State University

2020 The Dean's Fellowship, Georgia State University

SOFTWARE AND SKILLS

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

Analytical Methods: Causal inference, Experimental design