

# Siru Liu

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## EDUCATION

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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

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Matching market design, Public economics, Experimental economics

## JOB MARKET PAPER

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### **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

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### **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.

## **TEACHING EXPERIENCE**

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<b>Instructor</b> to Mathematical Economics, GSU	2024
<b>Instructor</b> 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**

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**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**

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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**

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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