

# Arisa Sadeghpour

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## SUMMARY

Ph.D. student in Statistics at UC Berkeley with expertise in causal inference, experimental design, survey methodology and statistical applications in social science and AI.

## EDUCATION

### University of California Berkeley

Expected May 2027

Ph.D. Student, Statistics

*Chancellor's Fellow*

*Computational Research for Equity in the Legal Systems (CRELS) NSF Fellow*

### Rice University

2021

B.A., Computational and Applied Mathematics

*Certificate in Civic Leadership*

## PUBLICATIONS AND PRESENTATIONS

5. **Sadeghpour, A.** *"Isolating the Effects of Multiple Focal Treatments within Textual Treatments"*
  - PolMeth Summer Meeting, 2026. (Poster)
  - Visions in Methodology, 2026. (Oral)
  - Atlantic Causal Inference Conference, 2026. (Poster)
4. Hartman, E., Hazlett, C., and **Sadeghpour, A.** *"Inference with weights: Residualization produces short, valid intervals for varying estimands and varying resampling processes."*
  - Atlantic Causal Inference Conference, 2025. (Poster)
  - Pre-print: <https://www.arxiv.org/abs/2507.19607>
3. **Sadeghpour, A.** and Hartman, E. *"Outcome Modeling in Design-Based Inference for Spatial Settings."*
  - PolMeth Summer Meeting, 2024. (Poster)
  - Atlantic Causal Inference Conference, 2024. (Poster)
2. Chen, C., **Sadeghpour, A.**, & Lamb, M. (2021). *Vote Centers and the Voter Experience*. *American Politics Research*, 49(6), 591-603.
1. **Sadeghpour, A.** *"Understanding the Effect of Evictions on Voting through Data Science."*
  - Texas Women in Math Symposium, 2021. (Oral)

## AWARDS

- Dissertation Year Fellowship, *Fall 2026*
- Outstanding Graduate Student Instructor, *Spring 2026*
- American Statistical Association SRMS/GSS/SSS Student Paper Competition Winner, *Spring 2026*

## TEACHING

- STAT 156/256: Causal Inference, *Fall 2025 (Graduate Student Instructor)*
- PS 236B: Quantitative Methods in the Social Science, *Spring 2025 (Graduate Student Instructor)*

## SERVICE

### UCB Statistics Graduate Student Association

- Co-President, *2024-2025*
- Diversity Committee Member, *2022- Present*

## EXPERIENCES

### Stanford RegLab, Summer Fellow

June - August 2025

- Explored the challenges of evaluating deployed AI systems with causal inference
- Consulted on various statistical questions, particularly on complex experimental designs

### Center for Disease Control and Prevention, Data Analysis Fellow

June 2021 – June 2022

- Conducted research on COVID-19 and globally mobile populations, applying disease modeling and risk forecasting
- Improved disease modeling, optimization modeling, data visualization, and project design skills

### Rice University, Undergraduate Research Assistant

January 2020 – May 2021

- Eviction and Voting: Used multilevel regression and data engineering to model how evictions affect voter turnout
- Houston Fire Department COVID-19 Impact: Analyzed emergency call trends during the pandemic; produced actionable recommendations
- Election Safety During COVID-19: Conducted voter surveys to inform safe election practices; findings contributed to \$12M in county funding
- COVID-19 Impact in Greater Houston: Collaborated with researchers at University of Texas Health Sciences to model and visualize COVID-19's effects on the local population for policy use
- Election Day Vote Centers Study: Evaluated voter experience and demographic impacts of election reforms in Harris County