

Arisa Sadeghpour

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3330-16 Gateway Building, Berkeley, CA, 94720

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

Committee: Erin Hartman, Samuel Pimentel, Peng Ding, Avi Feller

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

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)

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)
- Joint Statistical Meetings, 2026. (Oral)

Sadeghpour, A. and Hartman, E. *"Outcome Modeling in Design-Based Inference for Spatial Settings."* *

- PolMeth Summer Meeting, 2024. (Poster)
- Rebecca B. Morton Conference on Experimental Political Science, 2025. (Poster)
- Atlantic Causal Inference Conference, 2024. (Poster)
- Berkeley Computational Social Science Seminar, 2025. (Oral)

Chen, C., **Sadeghpour, A.**, & Lamb, M. (2021). *Vote Centers and the Voter Experience. American Politics Research*, 49(6), 591-603.

* Denotes pre-print.

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

Adobe Research, *Research Intern*

June - November 2026

- Developed a novel A/B testing pipeline for server-side AI changes
- Designed and implemented a survey around AI practices

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