

Angela He

angelahe101@gmail.com - angelahe.net

Education

PhD Candidate in Sociology, Stanford University	2026 (expected)
B.A. in Sociology and Asian Studies, <i>summa cum laude</i> , Cornell University	2021

Skills

Methodology: survey design, experimental design (A/B testing, conjoint, factorial), causal inference, descriptive and inferential statistics, semi-structured interviewing, prototype testing, data visualization

Programming Languages: R, Python, Javascript, SQL

Software: Qualtrics, Dedoose, Tableau

Experience

Doctoral Researcher	September 2023-present
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Stanford Department of Sociology

- Design and deploy studies using survey experiments (factorial, conjoint) and virtual in-depth interviews
- Refine survey questions and interface elements based on user feedback to improve user experience
- Develop custom screeners to recruit attentive participants from target demographics
- Clean and analyze survey data in R and Python and qualitative data in Dedoose
- Research topics: perceptions of fairness in the housing market, evaluations of neighborhood safety in big data era
- Awarded over \$100,000 in grants from the National Science Foundation, Stanford American Democracy Fellowship, and Stanford Laboratory for the Study of American Values

Software and Services for Data Science Consultant	February 2023-present
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Stanford Center for Interdisciplinary Research

- Provide one-on-one assistance for researchers from technical and non-technical disciplines on R (data wrangling, cleaning, and analysis) and survey methodology (best practices, attention checks, design)
- Design workshop on how to use Qualtrics for survey research

Research Assistant, Department of Sociology	December 2021- July 2023
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Stanford University

- Designed survey for validating algorithmic coding of authors' last names by race/ethnicity
- Cleaned data in R (N=1,000,000+) to study shifts in author demographics in top social science journals over time

Summer Collaborative Research Fellow	June 2022 - September 2022
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Stanford Impact Labs

- Collaborated with diverse stakeholders (Stanford Immigration Policy Lab, United States Citizenship and Immigration Services) on joint project to prototype an intervention encouraging naturalization
- Developed and tested multiple intervention reversions, refining through virtual in-depth interviews and user-centered design to address behavioral barriers
- Develop reports and presentations to communicate research updates and results

Fellowships and Awards

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| • Stanford American Democracy Fellowship | 2023 |
| • National Science Foundation Graduate Research Fellowship Program (NSF GRFP) | 2022 |
| • Writing in the Majors Prize, Cornell University Knight Writing Institute | 2020 |
| • Hunter R. Rawlings III Cornell Presidential Research Scholar | 2019 |
| • National Science Foundation Summer Research Experience for Undergraduates Award | 2019 |
| • James E. Rice, Jr. '30 Writing Prize, Cornell University Knight Writing Institute | 2019 |