

Angela He

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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), descriptive and inferential statistics, semi-structured interviewing, prototype testing, data visualization

Programming Languages: R, Python, Javascript, SQL, CSS

Software: Qualtrics, Github, Tableau, Dedoose

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
- Build survey experiment in Qualtrics using CSS and Javascript
- Develop custom screeners to recruit attentive participants from target demographics
- Clean and analyze survey data in R and Python and qualitative data in Dedoose
- Topics: perceptions of housing market fairness, 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

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