

Xiao-Yin Chen (she/her)

*Social Science Education Researcher, Doctoral Candidate
with 5+ years of research experience*

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[Extended Curriculum Vitae](#)
[Website/Portfolio](#)
[LinkedIn](#)

Experience

Motivation and Academic Challenges Research Lab - University of Georgia
Graduate Research Fellow (2020 to present)

- Developed, delivered, and tested online intervention materials to support college students' motivation in science, technology, engineering, and math
- Managed research teams to qualitatively code 2000+ open-ended responses from college student surveys
- Coordinated 7+ research projects assessing student motivation
- Created and disseminated research findings through internal reports, conference presentations, and peer-reviewed publications

Belonging for Equity in Learning Lab – University of Michigan
Research Assistant (2019 to 2022)

- Developed an observational coding protocol to assess teacher practices to support belonging
- Coded observational videos according to established protocol
- Led and presented a research project using a novel data visualization technique (state space grids) to model trajectories of belonging support

Applied Psychometric Strategies Lab – University of Kentucky
Graduate Research Assistant (2018 to 2020)

- Designed and tested a survey measure used to assess university residential advisors' confidence and job skills
- Developed curriculum and led graduate level statistical workshops for quantitative data analyses using SPSS statistics

P20 Motivation and Learning Lab – University of Kentucky
Research Lab Coordinator (2017 to 2020)

- Managed a team of 10-15 graduate and undergraduate researchers
- Organized data collection, cleaning, and analysis for all research projects
- Conducted a large scale mixed-methods research project on engineering student motivation

Center for Equality and Social Justice – University of Kentucky
Undergraduate Research Fellow (2017 to 2018)

- Developed and implemented a large-scale social-belonging intervention to incoming first-year college students over the course of two years
- Created and presented an internal research report for the university

Education

Doctor of Philosophy, Applied Cognition and Development
University of Georgia (Anticipated 2024)

Master of Science, Educational Psychology
University of Kentucky (2020)

Bachelor of Arts, Psychology
University of Kentucky (2018)

Skills

- Quantitative data analysis using SPSS, Mplus, R
- Qualitative data analysis using MAXQDA, thematic analysis, GridWare
- Survey development using Qualtrics
- Implementation and evaluation of social-psychological interventions
- Qualitative coding and interviewing
- Large-scale data cleaning and management
- Scientific writing (grant proposals, manuscripts, internal reports)
- Presenting research at local, regional, national, and international conferences

Highlights

- 8+ research manuscripts (5 under peer review)
- 11 successful research funding applications (\$148,675+ USD)
- TEDx Invited Speaker
- 22 international and national research conference presentations

References

Dr. Emily Rosenzweig
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Dr. Ellen Usher
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