

# Xiao-Yin Chen (she/her)

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

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[Website/Portfolio](#)  
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## 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)

- Coordinated a team of 10-15 graduate and undergraduate researchers
- Managed 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

## Skills

- Quantitative data analysis using SPSS, Mplus, R
- Qualitative data analysis using MAXQDA, thematic analysis, GridWare
- Survey development using Qualtrics
- Implementation and scaling of digital 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 review)
- 11 successful research funding applications (\$148,675+ USD)
- 6 prestigious awards and recognitions for excellence
- 18+ international and national research conference presentations

## 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)

## References

**Dr. Emily Rosenzweig**  
Assistant Professor, University of Georgia  
[emily.rosenzweig@uga.edu](mailto:emily.rosenzweig@uga.edu)

**Dr. Ellen Usher**  
Education Scientist, Mayo Clinic  
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