Jing Li

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EDUCATION

University of Georgia   Athens, Georgia
Doctor of Philosophy (PhD) in Educational Psychology

Expected Date: May 2026

Master of science in Statistics

Expected Date: December 2025

Miami University (Ohio)   Oxford, Ohio
Master of Education in Educational Psychology   May 2021
A Rasch Analysis of Teaching and Learning International Survey 2013   GPA:3.95/4.00

Michigan State University   City, State/Country
Bachelor of Art (BA) in Psychology   May 2018
Minor in *Leadership Organization*   GPA:3.54/4.00

Additionally major in *Interdisciplinary Studies in Social Science*

PUBLICATIONS

Li, J., & Engelhard, G. (2023). Using explanatory item response models to evaluate surveys. *Journal of Applied Measurement, 24*(3/4), 88–101.

Li, J., Kim, SH., Engelhard, G. (2024). Validation of the Household Food Security Survey Module (HFSSM) Using Factor Analysis and Rasch Measurement Theory. In: Hwang, H., Wu, H., Sweet, T. (eds) Quantitative Psychology. IMPS 2023. Springer Proceedings in Mathematics & Statistics, vol 452. Springer, Cham. https://doi.org/10.1007/978-3-031-55548-0_22

Li, W., Zhang, X., **Li, J.** et al. An explanatory study of factors influencing engagement in AI education at the K-12 Level: an extension of the classic TAM model. Sci Rep 14, 13922 (2024). https://doi.org/10.1038/s41598-024-64363-3

PRESENTATIONS

Hylick K., **Li, J.**, Engelhard, Jr., G. (2025). Using Rasch Models to Evaluate the Perceived Stress Scale among Black Perinatal Women. Paper accepted to be presented at American Education Research Association Conference (AERA2025), Denver, CO.

Li, J., Eunji Lee, Engelhard, Jr. G., Shiyu Wang (2025). Using Explanatory Item Responding Modeling (EIRM) to Investigate Factors that Influence Item Generating. Paper accepted to be presented at The International Objective Measurement Workshop (IOMW) 2025 Conference, Boulder, CO.

Li, J., Madison, M. J. (2025). Using a Longitudinal Diagnostic Classification Model to Analyze Growth: An Applied Study. Paper accepted to be presented at The International Objective Measurement Workshop (IOMW) 2025 Conference, Boulder, CO.

Li, J., Engelhard, Jr. G. (2024). Using Latent Regression Rasch Model to Evaluate Surveys. Presented at American Education Research Association Conference (AERA2024), Philadelphia, PA.

Li, J., Engelhard, Jr. G. (2023). Development of An Eleven-Item Scale for Measuring Food Insecurity. Paper accepted to be presented at International Meeting of the Psychometric Society 2023 (IMPS), Maryland, MD.

Li, J., Seock-Ho Kim, Engelhard, Jr., G. (2023). Validation of the household food security survey module using Confirmatory Factor Analysis and Rasch modeling. Paper accepted to be presented at International Meeting of the Psychometric Society 2023 (IMPS), Maryland, MD.

Li, J., Engelhard, Jr., G. (2023). Using Explanatory Item Response Models to Evaluate a Household Food Insecurity Survey. Paper accepted to be presented at The International Objective Measurement Workshop (IOMW) 2023 Conference, Chicago, IL.

Li, J., Engelhard, Jr., G. (2023). Using Person Fit to Explore Misreporting in Surveys. Paper accepted to be presented at American Education Research Association Conference (AERA), Chicago, IL.

Lu, C., & **Li, J.** (2023, Nov). Interdisciplinarity developing trend in higher education: policy orientation and universities' action - A comparison between America and mainland China. Oral Presentation at the Association for the Study of Higher Education (ASHE), Minneapolis, MN.

Chen, X., **Li, J.**, Wang, Z., (2019, October). A Rasch Analysis of Experiences in Close Relationship Scale. Proposal submitted to the 32nd Association for Psychological Science Annual Convention, Chicago, IL.

Zhong, Y., **Li, J.**, (2018, October). Does Location of Colleges Matter? A Comparison of Perceptions Between Students from China and U.S. Poster presentation at the 2018 Mid-Western Educational Research Association, Cincinnati, OH.

RESEARCH EXPERIENCE

Department of Educational Psychology, University of Georgia   Athens, Georgia
Graduate Research Assistant   Aug 2024-now
- Refine and validate the Regulating Emotions in Parenting Scale (REPS), a concise self-report measure designed to assess parent emotion regulation.
- Perform confirmatory factor analysis (CFA) to investigate the factor structure and validate the underlying dimensions of the REPS.
- Evaluate the measurement invariance of the REPS across diverse demographic groups (e.g., gender, race, ethnicity, and age) using a structural equation modeling (SEM) framework.

Department of Educational Psychology, University of Georgia   Athens, Georgia
Graduate Research Assistant   Aug 2023-Aug 2024

- Analyze classical item statistics for items in Student Learning Objectives (SLO) assessments using pre-test data.
- Evaluate psychometric model fit and item-level statistics for SLO assessments using Item Response Theory (IRT) models.
- Support the analysis of student growth percentiles by working with simulated data.
- Prepare student growth reports at the individual student, class, and school levels.

Department of Educational Psychology, University of Georgia   Athens, Georgia
Graduate Research Assistant   May 2022-Jan 2023
- Organize and analyze data related to Pre-Kindergarten school readiness, classroom environment, perceived competence, social acceptance, and coping resources inventory for educational enhancement using software R and SPSS.
- Develop and apply statistical models for nested design analysis, multinomial logistic regression analysis, and longitudinal analysis.
- Interpret analysis results and prepare comprehensive reports to communicate findings effectively.

Department of Educational Psychology, Miami University   Oxford, Ohio
Assistant in a College town project   2019-2021
- Support literature reviews and contribute to the editing process for a book project.
- Design surveys and collect data using Qualtrics survey software.
- Conduct and document online interviews with research participants.
- Assist in the statistical analysis of primary data using qualitative research methods and SPSS.
- Help prepare progress reports and summarize project findings as needed.

TEACHING EXPERIENCE

Department of Educational Psychology, University of Georgia   Athens, Georgia
Graduate Teaching Assistant   Nov 2021-Now
TA Classes: Regression, ANOVA, Theories of Educational Measurement, Applied Quantitative Analysis in R
- Assist with in-class Laboratory activities.
- Grade homework assignments, quizzes, and exams.
- Meet with students during office hours to address student questions.
- Presenting 1-2 lectures or my own research paper to the classes.

TEACHING RELATED ACTIVITIES

Department of Educational Psychology, University of Georgia   Athens, Georgia
Expert Panel Reviewer   July 2024
- Reading the students' papers and providing feedback.
- Evaluated Methods and affective assessment development.

ORGANIZATIONAL LEADERSHIP AND SERVICE
- **Session chair**: Modern Psychometrics Methodologies and Applications. AERA Division D: Measurement and Research Methodologies. AERA 2024 Annual Meeting.
- **Session chair**: Regression Modeling for Educational Research. AERA SIG- Multiple Linear Regression: The General Linear Model. AERA 2024 Annual Meeting.

- **Session chair**: Exploring Equity and Fairness in Educational Measurement. AERA Division D: Measurement and Research Methodologies. AERA 2024 Annual Meeting.
- **Student reviewer** of AERA 2025 proposals.
- **Student reviewer** of NCME 2025 proposals.
- Served on **Expert Review Panel** of graduate applied research project (*The impact of mindfulness, verbal persuasion, and mastery experiences on the self-efficacy beliefs of students with dyslexia*, Emily Aldridge, 2024)

PROFESSIONAL AFFILIATIONS

- *American Educational Research Association (AERA)*   2021-now
- *The International Objective Measurement Workshop (IOMW)*   2021-now
- *International Meeting of the Psychometric Society (IMPS)*   2021-now

SKILLS

Winsteps	Facets	IBM SPSS
Microsoft Office	R	Mplus

LANGUAGES

Mandarin (Native) | English (Fluent)

CERTIFICATIONS

Assessment and Evaluation, *Miami University*	2021
Applied Statistics and Data Analysis in Social Science, *Miami University*	2021

AWARDS

Outstanding Scholarship Quantitative Methodology Awards, *University of Georgia*	2023

Jing Li's Biography

Jing Li is currently a 4th year PhD student in the Quantitative Methodology program at the University of Georgia. Her research interests center on educational measurement, Rasch measurement theory, and explanatory item response theory (IRT) with a particular focus on evaluating surveys. Jing's research aims to promote the fairness of educational measurement and to apply appropriate methodologies to analyze data. Her objective is to ensure that data interpretations are both accurate and meaningful and allow the data to tell a story.

I would like to provide the contact information for two of my recommenders below in case you need recommendation letters:

George Engelhard (Advisor)

Position: Professor (Department of Educational Psychology, University of Georgia)

Email: gengelh@uga.edu

Matthew Madison

Position: Assistant Professor (Department of Educational Psychology, University of Georgia)

Email: mjmadison@uga.edu