

Ruiping Huang, MS, MEd

312-459-190; rhuang26@uic.edu; <https://www.linkedin.com/in/ruiping935>

Personal Website: <https://sites.google.com/uic.edu/ruipinghuang/home>

EDUCATION

University of Illinois Chicago (UIC), Chicago, IL

Ph.D. in Educational Psychology with a Concentration in Measurement, Evaluation, Statistics, and Assessment (MESA), GPA: 4.00/4.00, 12/2026

University of Illinois Chicago, Chicago, IL

M.Ed. in Measurement, Evaluation, Statistics, Assessment (MESA), GPA: 4.00/4.00, 05/2026

M.S. in Statistics, GPA: 4.00/4.00, 12/2025

SKILLS

- **Languages:** English (fluent); Mandarin (native); Cantonese (native); Korean (basic).
- **Technical Skills:**
 - **Programming Languages:** Python, R, SQL
 - **Statistical Modeling & Data Analysis:** SAS, STATA, SPSS, AMOS, Mplus, HLM
 - **Psychometrics & Measurement:** Winsteps, IRTPro, ConQuest GUI
 - **Survey Design & Data Collection:** Qualtrics
 - **Data Visualization & Reporting:** Tableau
 - **Qualitative Data Analysis:** Dedoose, ATLAS.ti
 - **Programming & Development:** Visual Studio Code, Node.js, GitHub
 - **Design & Prototyping:** Figma

RELEVANT EXPERIENCE

Data Analytics Intern, The Learning Partnership, Chicago, IL, 06/2024-08/2024

- Employed a three-level hierarchical linear model (HLM) to examine how the Skyline curriculum influences the relationship between ECS course participation and students' science performance.
- Cleaned and analyzed large-scale Chicago Public School (CPS) administrative datasets (N ≈ 25,000-34,000 students per subject) using Stata/MP 18.0.
- Presented findings to administrators, teachers, and researchers at the 2024 CAFÉCS Research Symposium.
- Authored and published a report (<https://doi.org/10.51420/Report.2024.9>) featured in the quarterly magazine of the National Network of Education Research-Practice Partnerships.

Data Analytics Intern, Save the Children, Guangzhou, China, 04/2021-09/2021

- Co-designed and developed survey instruments.
- Conducted mixed-methods program evaluation using interviews, field observation, and survey data.
- Managed "Accountability" database and synthesized findings into organizational reports.
- Co-authored the China Accountability Report and contributed to stakeholder communications.

D&R Assistant and Project Leader, UIC PASTA project, Chicago, IL, 10/2021-Present

- Led research team, including drafting proposal, arranging meetings, assigning tasks, and progress tracking.
- Designed and conducted surveys, interviews, and performance tasks with middle and high school teachers.
- Led teacher recruitment by designing flyers, coordinating with school boards, and inviting teachers.
- Designed and delivered two teacher professional development workshops on GenAI for classroom assessment.
- Co-wrote National Science Foundation grant proposal with PIs (ID: DRL-2608561, Amount: \$119,208).

D&R Assistant, UIC SkillTree Project, Chicago, IL, 11/2025-Present

- Contributed to developing an LLM-powered learning system for real-time visualization of students' computer science (CS) knowledge, skills, and interests.

- Developed full-stack React admin tools using Node.js, featuring CSV parsing, validation, multi-select filtering, and soft/hard delete functionality.
- Co-designed system features and UI prototypes using Figma and GitHub with development team members.
- Implemented Qualtrics workflows with PIs for student survey, consent forms, and teacher Delphi surveys.
- Conducted needs analysis of 42 AI education tools using structured coding criteria to inform system design.

Data Analytics Assistant, UIC Student Engagement Project, Chicago, IL, 08/2021-05/2022

- Analyzed engagement profiles of 386 college students using latent class analysis (LCA) (Mplus, SPSS).
- Coded 4,500+ students' qualitative responses and contributed to manuscript development.
- Collaborated in weekly research meetings to refine coding frameworks and analytic strategies.

Project Leader, Teachers' Well-being Study, Guangzhou, China, 07/2018-07/2019

- Conducted a literature review on 168 papers and designed a 53-item questionnaire.
- Led a mixed-methods study on teacher well-being, including interviews (n=6) and survey data (n=848).
- Built a structural equation model (SEM) using SPSS and AMOS.
- Authored a manuscript and won the Grand Prize of the Challenge Cup Competition in the province.

LEADERSHIP EXPERIENCE

Department Representative, UIC Graduate Student Council, Chicago, IL, 2023-2024; 2025-2026

- Communicated student concerns to university leadership and voted on key policy and funding decisions.
- Prepared and distributed meeting notes to keep students informed of decisions and opportunities.
- Co-organized graduate student gatherings with department faculty and staff.
- Designed student event activities, coordinated venue setup, hosted and led on-site events.

HONORS AND AWARDS

- Finalist, UIC Graduate College Three Minute Thesis (3MT) Competition, 03/2026
- Recipient, UIC Graduate Student Council Travel Award, 05/2025