

HUIYING CAI

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EDUCATION

University of Illinois at Urbana-Champaign	Urbana, IL
<i>Ph.D. in Linguistics</i>	<i>Expected May 2025</i>
Zhejiang University	Hangzhou, China
<i>M.A. in Linguistics and Applied Linguistics</i>	<i>September 2017 – June 2020</i>
Zhejiang University	Hangzhou, China
<i>B.A. in English, Minor in Finance</i>	<i>September 2013 – June 2017</i>

RESEARCH INTERESTS

Language testing, integrated writing assessment, computational linguistics, quantitative methods

PUBLICATIONS

Cai, Huiying, Yunhua Qu, & Zhiwei Feng. (2019). A corpus-based study of the semantic prosody of Chinese light verb pattern across registers: Taking *jinxing* and *shoudao* as examples. *Glottometrics*, 46, 61–82.

PRESENTATIONS

Yan Tang & **Huiying Cai** (September 2023). Applications of Gaussian Mixture Model in Language Testing and Speech Research. Pre-conference workshop to be presented at the 24th Midwest Association of Language Testers (MwALT) Conference, Urbana, Illinois

Huiying Cai (September 2023). Examining the direct and indirect impacts of verbatim source use on linguistic complexity in integrated argumentative writing assessment. Paper to be presented at the 24th Midwest Association of Language Testers (MwALT) Conference, Urbana, Illinois

Huiying Cai (June 2023). Triangulating NLP analysis of rater comments and MFRM: An innovative approach to investigating the application of rating scale in writing assessment. Paper presented at the 44th Language Testing Research Colloquium (LTRC), New York City, New York

Xun Yan, Ping-Lin Chuang, **Huiying Cai**, Yulin Pan (March 2023). Disfluency doesn't happen independently: Exploring how micro-level disfluency features co-occur on the IELTS speaking test. Paper presented at the 2023 American Association for Applied Linguistics (AAAL) Conference, Portland, OR

Shelley Staples, Xun Yan, Mariana Centanin Bertho, Ping-Lin Chuang, **Huiying Cai**, Yulin Pan (March 2023). Incorporating fluency and prosody into MD analysis to understand learner speech across levels and L1 backgrounds. Paper presented at the 2023 American Association for Applied Linguistics (AAAL) Conference, Portland, OR

Xun Yan, Ping-Lin Chuang, Shelley Staples, **Huiying Cai**, Mariana Centanin Bertho, Yulin Pan (September 2022). Exploring linguistic correlates of speaking ability on the IELTS speaking test. Paper presented at the 2022 Language Assessment Research Conference (LARC), Chicago, IL

Huiying Cai (March 2022). Examining the effects of Teaching and Rating Experience on Rater Performance. Paper presented at the 43rd Language Testing Research Colloquium (LTRC) Virtual Conference.

Xun Yan, Shelley Staples, Mariana Centanin Bertho, Ping-Lin Chuang, **Huiying Cai**, Seungho Jang, Siqi Wang (March 2022). Exploring linguistic correlates of speaking ability on the IELTS speaking test. Paper presented at the 2022 Language Testing Research Colloquium (LTRC) Virtual Conference.

Rurik Tywoniw, Ping-Lin Chuang, Yuyun Lei, **Huiying Cai**, Seungho Jang, Xun Yan (October 2021). Strategies for remote language testing: lessons learned and practical insights. Technology demonstration presented at the 22nd Midwest Association of Language Testers (MwALT) Virtual Conference.

RESEARCH EXPERIENCE

- Michigan Language Assessment (MLA)** Ann Arbor, MI
Assessment research intern 08/2020 – Present
- Conducted a research project to find factors that affect item difficulty
 - Extracted textual features using natural language processing (NLP) tools and techniques
 - Performed statistical analysis to predict their difficulty level for more than 3,000 listening and grammar items
- UIUC English Placement Test (EPT)** Urbana, IL
Research assistant 08/2020 – Present
- Conduct research for test validation and quality control
 - Assist test administration and scoring, content development, and rater training
- UIUC English as a Second Language (ESL) Program** Urbana, IL
Research assistant 08/2020 – 05/2022
- Conducted item writing, review and analysis for course quizzes and exams
 - Assisted program administration
 - Enhanced accessibility of program websites and videos

TEACHING EXPERIENCE

- Department of Linguistics** Urbana, IL
Teaching assistant 08/2023 – Present
- Assist with one course, *Tools & Technology in Speech and Language Processing*
 - Grade assignments and provide feedback
 - Explain challenging scripts for students with zero or low knowledge about programming
- UIUC ESL Program** Urbana, IL
Teaching assistant 06/2021 – 08/2021
- Instructed one writing course for graduate students
- School of International Studies at Zhejiang University** Hangzhou, China
Teaching assistant 09/2017 – 06/2018
- Provided feedback to students on their essays for four English courses
 - Participated in writing final exams for one English major course
- Meitan Qiushi High School** Guizhou, China
Instructor 07/2015 – 08/2015
- Taught 38 students English to improve their interests and abilities
 - Completed research report: “English Teaching Revolution in High School”

SERVICE

- UIUC Language Testing Research Group** Urbana, IL
Facilitator January 2022 – Present

AWARDS AND CERTIFICATES

- Teacher Certification (Subject: High School English)** 07/2020
Ministry of Education, Hangzhou, China

SKILLS

- Languages:** Mandarin (Native), English (Fluent), French (Elementary)
Programming: Python, R
Data analysis tools: SPSS, FACETS

Linguistic analysis tools: NLP tools and packages, ELAN, Praat

Last updated by August 23, 2023