ZEPING LIU

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RESEARCH INTERESTS

Psycholinguistics; Sentence and word processing; Second language acquisition; Chinese linguistics

EDUCATION

Indiana University Bloomington, IN, USA   2020-Present
Ph.D. in Chinese Linguistics (Major) and Psychology (Minor)

University of Potsdam, Potsdam, Germany   Summer 2023
The 7th Summer School on *Statistical Methods for Linguistics and Psychology*
Stream: Introduction to Bayesian data analysis

Beijing Language and Culture University, Beijing, China   2016 - 2019
M.A. in Linguistics
Thesis: Online processing of causal relations in Korean learners of Mandarin Chinese

North China Institute of Science and Technology, Hebei, China   2012 - 2016
B.A. in Chinese Language Pedagogy

PUBLICATIONS

1. **Liu, Z.** & Lin, C. J. C. (To appear). The role of *grammar* in syntactic adaptation of Chinese: The state of the art. In S. Teng, L. Chang, & T. Liu (Eds.), *Handbook of Chinese Language Learning and Technology*. Springer.

2. Zhang, M.*, **Liu, Z.***, Botezatu, M.R., Dang, Q., Yuan, Q., Han, J., Liu, L, & Guo, T. (2023). A large-scale database of Chinese characters and words collected from elementary school textbooks. *Behavior Research Method*, 1-26. (* denotes equal contribution)

3. Zhang, Z., Yuan, Q., **Liu, Z.**, Zhang, M., Wu, J., Lu, C., Ding, G., & Guo, T. (2021). The cortical organization of writing sequence: evidence from observing Chinese characters in motion. *Brain Structure and Function*, 1-13.

CONFERENCE PRESENTATIONS

1. **Liu, Z.**, Lin, C. J. C., Nozari, N. (2024). Evaluating large language models surprisal on garden path ambiguity difficulty in English and Mandarin. Poster presentation at *Psychonomic Society 65th Annual Meeting*, New York City, NY. November 21-24.

2. Ding, X., Dong, X., Liu, X., **Liu, Z.** (2024). Navigating project-based language learning (PBLL) challenges: A two-year journey of growth and reflections. Oral presentation at *ACTFL Annual Convention and World Languages Expo*, Philadelphia, PA. November 22-24.

3. Lin, C. J. C. & **Liu, Z.** (2024). Can semantics and prosody facilitate a syntactically unlikely parse? Oral presentation at *FOSS-15: The 15th Workshop on Formal Syntax and Semantics*, Taipei, Taiwan. October 12-13.

4. **Liu, Z.**, Xin, C., & Lin, C. J. C. (2024). Usefulness of prosodic cues in parsing: Evidence from a novel cross-modal maze task. Poster presentation at *37th Annual Conference on Human Sentence Processing*, University of Michigan, Ann Arbor, MI. May 16-18.

5. **Liu, Z.** & Lin, C. J. C. (2023). Greater prediction error does not lead to better syntactic adaptation: Evidence from Chinese ambiguity resolution. Poster presentation at *29th Architectures and Mechanisms for Language Processing* (AMLaP-2023), Donostia-San Sebastian, Spain. August 31- September 2.

6. **Liu, Z.** & Lin, C. J. C. (2022). Adaptation effects in sentence ambiguity resolution revisited. Poster presentation at *35th Annual Conference on Human Sentence Processing*, University of California, Santa Cruz, CA, US. March 24-26. (Virtual)

7. **Liu, Z.** & Lin, C. J. C. (2022). Cumulative structural priming in Chinese ambiguity resolution. Oral presentation at *Language and Computation: Cross-lingual Perspectives*, Renmin University of China– Indiana University Joint Funding Program, Renmin University of China, China, January 22. (Virtual)

8. **Liu, Z.** (2017). Discourse function of "personal pronoun + NP" in Chinese and its implication in Chinese as a Second Language Teaching. Poster presented at the *14th International Conference on Chinese as a Second Language (ICCSL-14)*, Shandong Normal University, Jinan, China. October 13-14.

TALKS

1. Adaptation effects in structural ambiguity resolution. Talk at Dr. Shravan Vasishth's lab at University of Potsdam, Potsdam, Germany. September 2023.

2. Linear mixed effects models in language research: A tutorial using R. Talk at the Center for the Cognitive Science of Language, Beijing Language and Culture University, Beijing, China. June 2023.

RESEARCH AND WORK EXPERIENCE

Language and Cognition Laboratory   2020-Present
Indiana University Bloomington
Graduate Researcher, PI: Chien-Jer Charles Lin

State Key Laboratory of Cognitive Neuroscience and Learning   2019 - 2020
Beijing Normal University
Research Assistant, PI: Taomei Guo
Established a large-scale database of Chinese words and characters
Conducted production experiments on Chinese-English bilinguals

Center of Foreign Language Research   2019
Foreign Language Teaching and Research Press
Language Assessment Academic Researcher
Prepared testing items, designed course development
Coordinated with liaisons from teaching institutions

TEACHING EXPERIENCE

Indiana University Bloomington

EALC-C 467 Chinese in Social Science | Spring 2024
EALC-C 302 Third Year Chinese II | Spring 2023
EALC-C 101 Elementary Chinese I | Fall 2022 & 2023

Beijing Language and Culture University | Spring 2019
Introduction to Second Language Acquisition Studies

Princeton University & Beijing Normal University | Summer 2017
Immersive Language Learning Program, third-year level Chinese

FELLOWSHIPS, GRANTS, & AWARDS

East Asian Studies Center Travel Award, Indiana University | 2024.10
37th Human Sentence Processing Conference Travel Award | 2024.5
Summer Pre-Dissertation Research Grant, Indiana University | 2024.4
International Enhancement Grant, Indiana University | 2023
EALC Department Grant-in-Aid, Indiana University | 2023
Hamilton Lugar Fellowship, Indiana University | 2021/2024
Graduate Student Fund Project, Beijing Language & Culture University | 2018
Graduate Academic Scholarship, Beijing Language & Culture University | 2016

SERVICE (Ad-Hoc Reviewing)

Handbook of Chinese Language Learning and Technology; the North American Conference on Chinese Linguistics (NACCL-34) Conference Proceedings; Behavior Research Methods

SKILLS

Software: R, E-prime, Python, Matlab, PsychoPy, jsPsych

Equipment: Eye-tracking, Event-Related Potentials (ERPs)

Language: Mandarin Chinese (Native), Gan Chinese (Native), English (Advanced)