

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 -

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. (In press). 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 (LLMs) Surprisal on Garden Path Ambiguity Difficulty in English and Mandarin. Poster to be presented at *Psychonomic Society 65th Annual Meeting*, New York, NY. November 21-24.
2. 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.

3. **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.
4. **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)
5. **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)
6. **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 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 Indiana University Bloomington Graduate Researcher, PI: Chien-Jer Charles Lin	2010 -
State Key Laboratory of Cognitive Neuroscience and Learning Beijing Normal University Research Assistant, PI: Taomei Guo Established a large-scale database of Chinese words and characters Conducted language production experiments on Chinese-English bilinguals	2016 - 2019
Center of Foreign Language Research Foreign Language Teaching and Research Press Language Assessment Academic Researcher Prepared testing items, designed course development Coordinated with liaisons from teaching institutions	Summer 2019

TEACHING EXPERIENCE

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

Indiana University Bloomington	
Summer Pre-Dissertation Research Grant	2024
International Enhancement Grant	2023
EALC Department Grant-in-Aid	2023
Hamilton Lugar Fellowship	2021/2024
Beijing Language and Culture University	
Graduate Student Innovation Fund Project	2018
Graduate Academic Scholarship	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, Matlab, PsychoPy, jsPsych
Equipment: Eye-tracking, Event-Related Potentials (ERPs)
Language: Mandarin Chinese (Native), Gan Chinese (Native), English (Advanced)