

Xueyang Huang
University of Michigan
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Education

Doctor of Philosophy in Linguistics, University of Michigan, Ann Arbor, MI 2024 –

Bachelor of Arts in Psychology & Linguistics (high honors), New York University, New York, NY 2018 – 2022

- Cumulative GPA: 3.896/4.0; *magna cum laude*
- Minor in Computer Science
- Honors Thesis title: “Orthography-switching Sentence Processing at a Glance: Investigating the Sentence Superiority Effect and the Transposed-word Effect in Mandarin-English Bilinguals” (Advisor: Liina Pykkänen, second reader: Alec Marantz)

Relevant Coursework: Neural Bases of Language, Language and Mind, First Language Acquisition, Cognitive Neuroscience, Grammatical Analysis I & II, Advanced Semantics, Machine Learning for Language Understanding, Phonological Analysis, Sound and Language, Language Changes, Cognitive Neuroscience, Developmental Psychology

Publication & Manuscripts

Huang, X., Pykkänen L. (manuscript, in preparation). *The Sentence Superiority Effect and the Transposed-word Effect in Mandarin-English Code-switching: An MEG study.*

Conference Presentations

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- Huang, X., Pykkänen L. (2024, May). *The Top Down Role of Grammatical Knowledge during Mandarin-English Code-switching.* Poster presented at the 37th Annual Conference on Human Sentence Processing, Ann Arbor, MI.
- Huang, X. (2023, April). *The Sentence Superiority Effect and the Transposed-word Effect in Mandarin-English Code-switching.* Talk presented at the 17th annual Cornell Undergraduate Linguistics Colloquium (CULC17), Ithaca, NY.
- Huang, X. (2023, April). *The Sentence Superiority Effect and the Transposed-word Effect in Mandarin-English Code-switching.* Talk presented at the 4th Emory Undergraduate Linguistics Conference (EULC4), remote.

Research & Work Experience

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- **Assistant Research Scholar**, Neurolinguistics Lab, New York University Jan. 2023 – present
Principal Investigator: Liina Pykkänen
Conducted a neurolinguistics research project. Developed an MEG experiment. Recruited ~30 participants around NYC; ran MEG experiments and collected brain data. Analyzed brain data with MNE-Python. Preparing for a manuscript.
 - **Undergraduate Honors Student**, Neurolinguistics Lab, New York University May 2022 – Jan. 2023
Faculty Advisor: Liina Pykkänen
Conducted a psycholinguistics research project on Mandarin-English bilinguals which resulted in an undergraduate honors thesis to fulfill the requirements of the departmental honors program. Designed a behavioral experiment. Developed Chinese-English mixed-language stimuli. Ran a behavioral pilot experiment on Prolific. Analyzed behavioral results with statistical methods.
 - **Undergraduate Research Assistant**, Child Language Lab, New York University Jan. 2020 – Jan. 2023
Supervisor: Ioana Grosu; Principal Investigator: Ailis Cournane
Worked on a research project about child language acquisition and child counterfactual reasoning development. Attended weekly lab meetings, discussed the details of the experiment, annotated corpus data, tested out the stimuli, recruited participants from nearby elementary school, organizing science events at local language schools, ran experiments with participants, collected verbal data.

Undergraduate Papers

- “Exploring Adverbs in Low IP Area and Left Periphery in Mandarin”
Term Paper for Grammatical Analysis II, Fall 2022
Instructor: Stephanie Harves, Richard Kayne
- “An Exhaustive Hypothesis on ‘But’ in Multiple Constructions in English”
Term Paper for Advanced Semantics, Spring 2022
Instructor: Anna Szabolcsi
- “Predicting Conversational Implicature with Transformer”
Term Group Paper for Machine Learning for Language Understanding, Spring 2022
Instructor: Samuel Bowman
- “Extractive Automatic Summarization of News Articles: A Semantic Weighting Approach”
Term Group Paper for Natural Language Processing, Spring 2022
Instructor: Adam Meyers
- “The Consonantal Change in Modern Shanghainese and its Underlying Sociolinguistic Factors”
Term Paper for Language Change, Fall 2021
Instructor: Gregory Guy

Grants & Awards

- **Weinberg Institute for Cognitive Science Graduate Fellowship**, University of Michigan 2024
- **Interdisciplinary Concentration in Cognitive Science Fellowship**, Georgetown University (declined) 2024
Annual amount of \$38950 for 5 years
- **HSP 2024 Travel Award** (Amount: \$400) 2024

Honors

- Departmental Nominee for the Albert Borgman/Phi Beta Kappa Thesis Prize 2023
- High Honors on Undergraduate Honors Thesis 2022
- University Honors Scholar 2022
- Dean’s List 2018-2022

Service

- Student Volunteer at the Linguistic Society of America Annual Meeting 2024.1
- Linguistics Colloquium Committee Member at University of Michigan 2024.9 –

Membership in Associations

- Linguistics Society of America 2023.1–Present
- Society for the Neurobiology of Language 2023.1–Present
- Phi Beta Kappa, the Beta Chapter of New York at NYU 2022–Present
- Psi Chi International Honor Society in Psychology 2020–Present
NYU’s Chapter
- League of Linguistics Students at NYU 2018–2022

Skills

- Python, C, LaTeX, Java, basic R, SPSS, Pytorch, Javascript
- Magnetoencephalography (MEG), MNE-Python, PsychoPy, PCIBex
- Praat, CHILDES CLAN
- Academic writing
- Word, Excel, PowerPoint
- Google services (docs, sheets, slides)

Languages

- Mandarin Chinese (Native)
- English (Fluent)
- Wu Chinese (Native)
- Japanese (Elementary)

Github: <https://github.com/xueyangHH>