

Fengyue (Lisa) Zhao | *Curriculum Vitae*

Address: Department of Linguistics
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Phonetics, phonology, computational and experimental approaches.

EDUCATION

- 2022 - ... **PhD in Linguistics**, Cornell University, Ithaca, NY
Cognitive Science minor
- 2018 – 2022 **B.A. in Linguistics**, University of Massachusetts Amherst, Amherst, MA
Thesis: *Probabilistic Listener: A Case of Chinese Mandarin Reflexive ziji Ambiguity Resolution*
Advisors: Dr. Brian Dillon, Dr. Ming Xiang
- 2018 – 2022 **B.S. in Mathematics**, University of Massachusetts Amherst, Amherst, MA
Statistics and Data Science Concentration, Computer Science minor

PUBLICATIONS

- In prep **Fengyue Zhao** & Sam Tilsen. Syllable Position and Stress Influence Randomly Temporally Perturbed Auditory Feedback.

THESES

- 2025 **Fengyue Zhao**, Jennifer Kuo, & Marten van Schijndel. *The Role of Contextual Variation in Learning Cantonese Tones from Naturalistic Speech*. Cornell University.
- 2024 **Fengyue Zhao** & Sam Tilsen. *Syllable Position and Stress Influence Temporally Perturbed Auditory Feedback*. Cornell University.
- 2022 **Fengyue Zhao**, Brian Dillon & Ming Xiang. *Probabilistic Listener: A Case of Chinese Mandarin Reflexive ziji Ambiguity Resolution*. University of Massachusetts Amherst.

PEER-REVIEWED ABSTRACTS

- 2025 **Fengyue Zhao**, Jennifer Kuo. *Distributional Learning Across Contexts: Learning Cantonese Tones in Naturalistic Speech*. The 3rd International Conference on Tone and Intonation (TAI 2025). May 16 – 18, 2025. Institute for Phonetics and Speech Processing, Ludwig-Maximilians-Universität, München, Germany. (Talk)
- 2024 **Fengyue Zhao**, Sam Tilsen. *Syllable Position Prominence in Unsupervised Neural Network Segment Categorization*. Proceedings of the 19th Conference on Laboratory Phonology, June 27-29, 2024, HIPCS, Hanyang University, Seoul, Korea, (Eds. T. Cho, S. Kim, J. Holliday and S. Lee-Kim).
- 2024 **Fengyue Zhao**, Sam Tilsen. *Syllable Position Prominence in Unsupervised Neural Network Segment Categorization*. The 1st Phonetics/Phonology in Upstate NY Workshop (PHUNY 1). March 9, 2024. Cornell University.
- 2023 **Fengyue Zhao**, Brian Dillon, Ming Xiang. *Probabilistic Listener: A Case of Chinese Mandarin Reflexive ziji. Ambiguity Resolution*. 36th Annual Conference on Human Sentence Processing (HSP 36). March 9 - 11. University of Pittsburgh, Pittsburgh, PA.

PRESENTATIONS

- 2025 *Distributional Learning Across Contexts: Learning Cantonese Tones in Naturalistic Speech*. The 3rd International Conference on Tone and Intonation (TAI 2025). (Talk)
- 2024 *Syllable Position Prominence in Unsupervised Neural Network Segment Categorization*. The 19th Conference on Laboratory Phonology (LabPhon 19).
- 2024 *Syllable Position Prominence in Unsupervised Neural Network Segment Categorization*. The 1st Phonetics/Phonology in Upstate NY Workshop (PHUNY 1). March 9, 2024. Cornell University. (Talk)
- 2023 *Probabilistic Listener: A Case of Chinese Mandarin Reflexive ziji. Ambiguity Resolution*. 36th Annual Conference on Human Sentence Processing (HSP 36).
- 2022 *Probabilistic Listener: A Case of Chinese Mandarin Reflexive ziji Ambiguity Resolution*. 16th Annual Cornell Undergraduate Linguistics Conference (CULC 16). (Talk)
- 2022 *Probabilistic Listener: A Case of Chinese Mandarin Reflexive ziji Ambiguity Resolution*. Sixth Annual Berkeley Undergraduate Linguistics Symposium (SLUGS 6). (Talk)

GRANTS, FELLOWSHIPS & HONORS

2025	C.V. Starr Fellowship (\$30,000), Cornell University
2025	Cognitive Science Travel Award (\$500), Cornell University
2025	Conference Grant Award (\$700), Cornell University
2024	Cognitive Science Travel Award (\$1000), Cornell University
2024	Conference Grant Award (\$700), Cornell University
2022	Sage Fellowship (\$70,000), Cornell University
2022	Commonwealth Honors College Scholar with Greatest Distinction, UMass Amherst
2021	Research and Arts Scholarship (\$2000), Baden-Württemberg Ministry of Science
2021	Education Abroad Merit Scholarship (\$1100), UMass Amherst
2018	Chancellor's Merit Scholarship (\$32,000), UMass Amherst

TEACHING

As an instructor

Fall 2024 **Intermediate Chinese for Students of Chinese Heritage**, Cornell University

As a teaching assistant

Spring 2025 **Computational Linguistics 1**, Cornell University

Spring 2024 **Introduction to Phonetics and Phonology**, Cornell University

Fall 2023 **Introduction to Cognitive Science**, Cornell University

Spring 2022 **Calculus for Life and Social Sciences II**, University of Massachusetts Amherst

Fall 2021 **Calculus for Life and Social Sciences II**, University of Massachusetts Amherst

Fall 2018 **Elementary Chinese**, University of Massachusetts Amherst

RESEARCH EXPERIENCE

2019 - 2020 **Research Assistant**, PI: Dr. John Kingston, Phonetics Lab, UMass Amherst

NON-DEGREE EDUCATION

Summer
2023 **Linguistics Society of America Summer Institute**, UMass Amherst, Amherst, MA
4-week summer institute in Linguistics

Apr. - Aug. 2021 **Exchange program**, University of Konstanz, Baden-Württemberg, Germany
Literaturwissenschaft und Sprachwissenschaft (Literature and Linguistics)

EDITED VOLUME

2024 **Senior Editor**. Proceedings of the 34rd Semantics and Linguistic Theory Conference (SALT 34). University of Rochester

2023 **Junior Editor**. Proceedings of the 33rd Semantics and Linguistic Theory Conference (SALT 33). Yale University

SERVICE

2022-2025 **President**, Cornell phonetics and phonology student reading group (Ph2)

2024-2025 **Web Administrator**, Cornell Linguistics Circle

2023, 2024 **Proctor**, North American Computational Linguistics Open competition (NACLO)

2022-2024 **Social Committee**, Cornell Linguistics Circle

2022-2024 **Open House Organizer**, Cornell Linguistics Circle

2019-2020 **Chinese Translator**, The Massachusetts Daily Collegian, UMass Amherst

2019-2020 **International Student Ambassador**, UMass Amherst Admissions

2018, 2019 **Language and Math Teaching Volunteer**, Himalayan Children Care, Nepal

SKILLS

Human languages: Mandarin (native), English (fluent), Cantonese (receptively native), German (conversationally fluent)

Artificial languages: Python (PyTorch, TensorFlow, SciPy, SQLite, Scikit-learn); R(tidyverse, dplyr, ggplot2, lme4, brms); MATLAB(Signal Processing Toolbox, Deep Learning Toolbox); Bash scripting; Git; SQL

Experiment Software: Praat, PCIBex, PsychoPy, Labvanced

MEMBERSHIP

Linguistic Society of America (LSA)

Association for Laboratory Phonology (ALP)

International Phonetic Association (IPA)