

Fengyue (Lisa) Zhao | *Curriculum Vitae*

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

EDUCATION

- 2025 - ... **PhD in Linguistics**, Cornell University, Ithaca, NY
Cognitive Science minor
- 2022 - 2025 **M.A. in Linguistics**, Cornell University, Ithaca, NY
- 2018 – 2022 **B.A. in Linguistics**, University of Massachusetts Amherst, Amherst, MA
- 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. Unpredictable Temporal Auditory Feedback Perturbation Induces Lengthening, Not Compensation.

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 PAPERS

- 2025 **Fengyue Zhao**, Jennifer Kuo. *The Role of Contextual Variation in Learning Cantonese Tones from Naturalistic Speech*. The 26th edition of the Interspeech Conference (Interspeech 2025). August 17-21, 2025. Rotterdam, The Netherlands.

PEER-REVIEWED ABSTRACTS

- 2025 **Fengyue Zhao**, Sam Tilsen. *Unpredictable Temporal Auditory Feedback Perturbation Induces Lengthening, Not Compensation*. The 5th Biennial Boston Speech Motor Control Symposium (BSMCS'25). June 12 – 13, 2025. Boston, MA, USA.
- 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.
- 2025 **Fengyue Zhao**, Jennifer Kuo. *Distributional Learning Across Contexts: Learning Cantonese Tones in Naturalistic Speech*. The 2nd Phonetics/Phonology in Upstate NY Workshop (PHUNY 2). May 3, 2024. University at Buffalo.
- 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 **Fengyue Zhao**, Jennifer Kuo. *The Role of Contextual Variation in Learning Cantonese Tones from Naturalistic Speech*. The 26th edition of the Interspeech Conference (Interspeech 2025). August 17-21, 2025. Rotterdam, The Netherlands.

2025	<i>Unpredictable Temporal Auditory Feedback Perturbation Induces Lengthening, Not Compensation.</i> The 5th Biennial Boston Speech Motor Control Symposium. (Talk)
2025	<i>Distributional Learning Across Contexts: Learning Cantonese Tones in Naturalistic Speech.</i> The 3 rd International Conference on Tone and Intonation (TAI 2025). (Talk)
2025	<i>Distributional Learning Across Contexts: Learning Cantonese Tones in Naturalistic Speech.</i> The 2 nd Phonetics/Phonology in Upstate NY Workshop (PHUNY 2). May 3, 2024. University at Buffalo. (Talk)
2024	<i>Syllable Position Prominence in Unsupervised Neural Network Segment Categorization.</i> The 19th Conference on Laboratory Phonology (LabPhon 19).
2024	<i>Syllable Position Prominence in Unsupervised Neural Network Segment Categorization.</i> The 1 st Phonetics/Phonology in Upstate NY Workshop (PHUNY 1). March 9, 2024. Cornell University. (Talk)
2023	<i>Probabilistic Listener: A Case of Chinese Mandarin Reflexive ziji. Ambiguity Resolution.</i> 36 th Annual Conference on Human Sentence Processing (HSP 36).
2022	<i>Probabilistic Listener: A Case of Chinese Mandarin Reflexive ziji Ambiguity Resolution.</i> 16th Annual Cornell Undergraduate Linguistics Conference (CULC 16). (Talk)
2022	<i>Probabilistic Listener: A Case of Chinese Mandarin Reflexive ziji Ambiguity Resolution.</i> Sixth Annual Berkeley Undergraduate Linguistics Symposium (SLUGS 6). (Talk)

GRANTS, FELLOWSHIPS & HONORS

2025	Humanities Dissertation Writing Groups Grant (\$250), Cornell University
2025	IPA Student Awards (€250), International Phonetic Association
2025	Travel Award (\$500), Boston Speech Motor Control Symposium
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

Fall 2025 **Introduction to Cognitive Science**, Cornell University

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 (conversational)

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

Experimental tools

Phonetics: Praat, auditory feedback perturbation, speech corpus analysis, ultrasound imaging

Platforms: PCIBex, PsychoPy, Labvanced, Prolific

MEMBERSHIP

Linguistic Society of America (LSA)

Association for Laboratory Phonology (ALP)

International Phonetic Association (IPA)

International Speech Communication Association (ISCA)