

Fengyue(Lisa) Zhao | *Curriculum Vitae*

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RESEARCH INTEREST: Phonetics, phonology, computational and experimental approaches.

EDUCATION

Degree Programs

- 2022 - ... **PhD in Linguistics**, Cornell University, Ithaca, NY
Member of Phonetics Lab and Computational Psycholinguistic research group
- 2018 – 2022 **B.A. in Linguistics**, University of Massachusetts Amherst, Amherst, MA
Commonwealth Honors College Scholar with Greatest Distinction
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

Non-Degree Programs

- Summer **Linguistics Society of America Summer Institute**, UMass Amherst, Amherst, MA
2023 4-week summer institute in Linguistics
- Apr. - Aug. **Exchange program**, University of Konstanz, Baden-Württemberg, Germany
2021 Literaturwissenschaft und Sprachwissenschaft (Literature and Linguistics)

CONFERENCE PRESENTATIONS

- 2024 **Fengyue Zhao**, Sam Tilsen. *Syllable Position Prominence in Unsupervised Neural Network Segment Categorization*. LabPhon 19. June 27 - 29. Hanyang University, Seoul, South Korea. (Poster)

- 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. March 9 - 11. University of Pittsburgh, Pittsburgh, PA. (Poster)
- 2022 **Fengyue Zhao**. *Probabilistic Listener: A Case of Chinese Mandarin Reflexive ziji Ambiguity Resolution*. 16th Annual Cornell Undergraduate Linguistics Conference. April 22 - 24. Cornell University, Ithaca, NY. (Talk)
- 2022 **Fengyue Zhao**. *Probabilistic Listener: A Case of Chinese Mandarin Reflexive ziji Ambiguity Resolution*. Massachusetts Undergraduate Research Conference. April 9. (Talk)
- 2022 **Fengyue Zhao**. *Probabilistic Listener: A Case of Chinese Mandarin Reflexive ziji Ambiguity Resolution*. Sixth Annual Berkeley Undergraduate Linguistics Symposium. April 9-10. University of California, Berkeley. (Talk)

GRANTS & FELLOWSHIPS

- 2022 Sage Fellowship (Tuition + Stipend), Cornell University
- 2021 Research and Arts Scholarship (\$2000), Baden-Württemberg Ministry of Science
- 2021 Education Abroad Merit Scholarship (\$1100), UMass Amherst
- 2018 Chancellor's Merit Scholarship (\$32000), UMass Amherst

TEACHING ASSISTANTSHIPS

- Spring 2024 **Introduction to Phonetics and Phonology**
Cornell University, Instructor: Dr. Jennifer Kuo.
Independently lead two lab sections of 15 students each.
- Fall 2023 **Introduction to Cognitive Science**
Cornell University, Instructor: Dr. Shaun Nichols.
Held office hours and exam reviews for over 300 students.
- 2021-2022 **Calculus for Life and Social Sciences II**
University of Massachusetts Amherst, Instructor: Dr. Hans Johnston.
Held office hours and exam reviews for over 150 students.

Fall 2018 **Elementary Chinese**
University of Massachusetts Amherst, Instructor: Yi Feng.
Tutored and designed learning materials for over 50 students.

RESEARCH ASSISTANTSHIP

2019 - 2020 **Research Assistant**, PI: Dr. John Kingston, Phonetics Lab, UMass Amherst
Contributed on experiment design, stimulus design, and conducted experiments with human subjects.

EDITED VOLUME

2024 Juhyae Kim, Burak Öney, **Fengyue Zhao**, & Yao Zhang (eds.). Proceedings of the 33rd Semantics and Linguistic Theory Conference (SALT 33). Yale University

SERVICE

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

2022-2024 **Social Committee**, Cornell Linguistics Circle, Open House for accepted students

2022-2024 **President**, Cornell phonetics and phonology group (Ph2)

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

WORK EXPERIENCE

Aug. - May
2021 - 2022 **Education Abroad Peer Advisor**, UMass Amherst
Advised and cultivated relationships with diverse students and parents regarding study abroad opportunities; conducted panels to over 400 audiences.

Dec. - Mar.
2020 - 2021 **Product Operations Intern (AI Speech Corpus)**, NetEase, Inc., China
Oversaw crowdsourcing platform with over 3000 freelancers; provided linguistics support for English ASR projects. (Outstanding Intern Award)

2018 - 2020 **Co-Founder & Marketing Specialist**, UMass Amherst
Co-launched and marketed "MassBoard" app to improve accessibility to school events;
Conducted over 200 interviews with users and analyzed user behavior data.

SKILLS

Natural 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), MATLAB(Signal Processing Toolbox, Deep Learning Toolbox), Bash

Other: Praat, Git, PCIBex, PsychoPy, LaTeX

MEMBERSHIP

Linguistic Society of America (LSA)