

MIAO ZHANG

PERSONAL INFORMATION

email miao.zhang@uzh.ch (*primary*)
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EDUCATION

2016-2022 Ph.D. in Linguistics
Department of Linguistics, University at Buffalo, SUNY
Dissertation: *The Prosodic Influences on the Acoustics of Vowel Sequences*
Advisor: Dr. Christian DiCanio

2013-2015 M.A. in Japanese Language Education
School of Humanities and Social Sciences, University of Tsukuba
Thesis: *The So-called Japanese Lexical V-V Compounds and Language Use*
Advisor: Dr. Shingo Imai

2012-2013 Non-degree Enrollment
School of Humanities and Social Sciences, University of Tsukuba
Advisor: Dr. Shingo Imai

2007-2011 B.A. in Japanese Language and Culture
School of Foreign Languages, Renmin University of China
Thesis: *On the innovative 'Bei + XP' Construction in Chinese: a Comparative Syntax Study of Passive Constructions in Chinese and Japanese*
Advisor: Dr. Yiqun Wang

EMPLOYMENT

2023-2026 Postdoctoral researcher
Department of Computational Linguistics, University of Zürich
Project: *Universals and variation in speech production*
PI: Dr. Eleanor Chodroff

PUBLICATIONS

2026 **Zhang, M.**, Gong, S. and Guo, C., Tone sandhi and tonal articulation in disyllabic sequences in Changsha Xiang. *Journal of Phonetics*, 114, 101472.
doi.org/10.1016/j.wocn.2025.101472

(Under review) **Zhang, M.** and Chodroff, E., The universality of vowel intrinsic Fo: A corpus study of cross-linguistic and inter-speaker variability in 75 languages. *PNAS*

(Under revision) Chodroff, E. and **Zhang, M.**, A Crosslinguistic Corpus Phonetic Analysis of Intrinsic Vowel Duration. *Journal of Phonetics*

(Under revision) Han, J., **Zhang, M.**, Wang, T., and Xu, Y., L3 acquisition of Mandarin Chinese stop consonants by learners with L1 Spanish/Thai and L2 English. *International Journal of Multilingualism*

(Revision under review) **Zhang, M.** and Fujinaga-Gordon, F., An illustration of IPA: Ikema. *Journal of International Phonetic Association*

CONFERENCE PROCEEDINGS

- 2025 **Zhang, M.**, Farhadipour, A., Baker, A., Ma, J., Pricop, B., and Chodroff, E., Quantifying and Reducing Speaker Heterogeneity within the Common Voice Corpus for Phonetic Analysis, *Proc. Interspeech 2025*. [pdf](#)

CONFERENCE PRESENTATIONS

- 2025 **Zhang, M.** and Chodroff, E., A Crosslinguistic Analysis of Vowel Intrinsic Fo. (Oral, **peer-reviewed**) Phonetics and Phonology in Europe 6, *June 25-27*, Palma, Spain.
- 2024 **Zhang, M.** and Gong, S., Stress-Tone Interaction in Changsha Xiang. (Oral, **peer-reviewed**) The 10th International Conference of Prosodic Grammar, *July*, Beijing Language and Culture University, Beijing, China.
- 2024 Chodroff, E. and **Zhang, M.**, A Crosslinguistic Analysis of Intrinsic Vowel Duration. (Poster, **peer-reviewed**) The 19th Conference on Laboratory Phonology (LabPhon19), *June 27-29*, Seoul, South Korea
- 2023 **Zhang, M.**, A Cross-linguistic Study on Pre-boundary Vowel Lengthening (PBVL): Comparing monophthongs and diphthongs in Chinese, English, and Japanese. (Oral) The 15th Phonetic Conference of China (PCC2023), *July 7-10*, Shenzhen, Guangdong
- 2022 **Zhang, M.**, Prosodic modulations on the formant excursions of diphthongs. (Poster) The 183rd Meeting of the Acoustical Society of America (ASA183), *Dec 5-9*, Nashville, TN
- 2021 **Zhang, M.**, Positional tone sandhi in Changsha Xiang: A production study. (Poster, **peer-reviewed**) The 1st International Conference on Tone and Intonation (TAI2021), *Dec 6-9*, Sonderborg, Denmark and online
- 2020 **Zhang, M.**, Effect of consonants on onset Fo: Evidence from Kansai Japanese. (Poster) Acoustics Virtually Everywhere (The 179th Meeting of the Acoustical Society of America), Online.
- 2019 **Zhang, M.**, The role of information structure and foot structure on the kinematics of unstressed syllables. (Oral, **peer-reviewed**) Hanyang International Symposium on Phonetics and Cognitive Sciences of Language (HISPhonCog) 2019, *May 24-25*, Seoul, South Korea.
- 2015 **Zhang, M.**, Japanese Lexical V-V compounds Revisited (Poster), The Symposium of "Challenging Japanese Language Teaching: Introducing the Efforts of University of Tsukuba", *March*, Tsukuba, Japan.
- 2013 **Zhang, M.**, On the Collocation of the Adverb 'Zenzen': An Investigation via Tsukuba Web Corpus (Poster), The Annual Meeting of Association of Japanese Language and Japanese Language Pedagogy 2013, Tokyo, Japan

INVITED TALKS

- 2025 A tutorial on Montreal Forced Aligner. Pakistan Association of Phonetics and Phonology Scholars (PAPPS), *April 28*, Online.
- 2022 Effect of consonants on onset Fo: Evidence from Kansai Japanese. UTokyo Linguistics Colloquium, *Dec 2*, University of Tokyo.

TEACHING

<i>Courses</i>	Chinese 101/102/104
<i>Lab tutorials</i>	OpenSesame, EMA data processing, ToBI, Generalized Additive Modelling

(GAM), SS ANOVA, Praat scripting, Formant extraction and cleaning, Voice quality measure extraction, Time-series data analysis

COMPUTER SKILLS

<i>Programming</i>	R, Python, Praat scripting, bash scripting, MATLAB
<i>Experiment</i>	OpenSesame, Praat
<i>Fieldwork</i>	FLEX, ELAN
<i>Typesetting</i>	L ^A T _E X

OTHER INFORMATION

<i>Languages</i>	SOUTHWESTERN MANDARIN	· Native
	CHANGSHA XIANG	· Native
	STANDARD MANDARIN	· Native
	JAPANESE	· Super
	ENGLISH	· Super
	KOREAN	· Beginner
	SPANISH	· Beginner
	GERMAN	· Beginner
<i>Service</i>	The President of Graduate Linguistics Association in 2020-2021	
<i>Journal reviews</i>	Laboratory Phonology · PLOS ONE · Speech Communication · Journal of the Phonetic Society of Japan · Canadian Journal of Linguistics	

January 9, 2026