

Fenqi Wang

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Research Interests

Motor Speech Disorders, Neurogenic Communication Disorders, Speech & Language Biomarkers, Neurodegenerative Diseases

Academic Appointments

2024 - present **Research Fellow**

Neurology Artificial Intelligence Program, Mayo Clinic, USA
PI: Hugo Botha; Mentor: Rene Utianski

2023 - 2024 **Term Lecturer**

Department of Linguistics, Simon Fraser University, Canada

2023 - 2024 **Postdoctoral Fellow**

Department of Linguistics, Simon Fraser University, Canada
Supervisors: Yue Wang & Henny Yeung

Education

2023 **Ph.D. in Linguistics**, University of Florida, USA

Dissertation: *The production and perception of vocal emotions in American English and Mandarin Chinese: A cross-linguistic study with computational modeling*

Committee Chair: Ratree Wayland

Committee Members: Caroline Wiltshire, Sarah Moeller, Yonghee Oh, Richard Wang

2020 **M.A. in Linguistics**, University of Kansas, USA

Thesis: *The effect of pitch accent on the perception of English lexical stress by native listeners*

Committee Chair: Annie Tremblay

Committee Members: Allard Jongman, Jie Zhang

2017 **M.A. in English Language & Literature**, China University of Geosciences (Wuhan), China

2014 **B.A. in English Translation & Interpretation**, Wuhan University of Engineering Science, China

Grants, Fellowships & Awards

Grants

2025 - 2026 Project Title: Developing Phonet for speech articulation assessment in Apraxia of Speech

Funding Source: ASHFoundation New Investigators Research Grant

	Total Award Amount: US\$10,000 Role: PI
2024 - 2026	Project Title: Creating adaptive vocal interfaces in human-AI interactions Funding Source: SFU FASS Breaking Barriers Grant (Internal) Total Award Amount: CA\$70,000 Role: Co-PI (PI: Yue Wang)
2024 - 2026	Project Title: Consuming text and audio fake news in a first and second language Funding Source: SFU FASS Kickstarter Seed Grant (Internal) Total Award Amount: CA\$14,167 Role: Co-I (PIs: Henny Yeung & Maite Taboada)
Submitted	Project Title: AI-Based Characterization of Speech and Language Features Across Subtypes of Motor Speech Disorders Funding Source: ASHFoundation AI in CSD Research Grant Total Award Amount: US\$50,000 Role: PI
Submitted	Project Title: Evaluating the Impact of Delayed Auditory Feedback on Subtypes of Apraxia of Speech in Primary Progressive Aphasia and Apraxia of speech Funding Source: National Institutes of Health (R21) Total Award Amount: US\$441,100 Role: Co-I (PI: Rene Utianski)
Resubmitted	Project Title: Explainable AI Pipelines for Speech-Language Biomarkers in Alzheimer's Disease and Related Dementias Funding Source: National Institute of Neurological Disorders and Stroke (K99/R00) Total Award Amount: US\$1,000,314 Role: PI

Fellowships

Submitted	Project Title: Interpretable Speech and Language Biomarkers and Their Neural Basis Across Frontotemporal Degeneration Syndromes Funding Source: American Academy of Neurology Clinical Research Training Scholarship Total Award Amount: US\$150,000 Role: PI
Resubmitted	Project Title: AI-Based Characterization of Speech and Language Features Across the FTD Spectrum Funding Source: AFTD Holloway Postdoctoral Fellowship Total Award Amount: US\$120,000 (\$60,000/year) Role: PI

Awards

2025	Research Mentoring-Pair Travel Award, ASHA, \$750.
2024	VPR Research Travel Grant, Simon Fraser University, \$700.

2022	Graduate Student Travel Fund, University of Florida, \$300.
2022	Graduate Travel Fund, Department of Linguistics, University of Florida, \$450.
2021	Graduate Travel Fund, Department of Linguistics, University of Florida, \$450.
2020 - 2023	Graduate Research Assistantship, Department of Linguistics, University of Florida.
2020	Clark Coan Award for International Student Leadership, University of Kansas, \$500.
2019	Graduate Scholarly Presentation Travel Fund, University of Kansas, \$500.
2018 - 2020	Graduate Teaching Assistantship, Department of Linguistics, University of Kansas.
2017	Tin Ka Ping Visiting Fellowship, University of Hong Kong, \$800.
2016	National Graduate Scholarship, China University of Geosciences (Wuhan), \$3,000.
2014 - 2016	Graduate Student Scholarship, China University of Geosciences (Wuhan), \$1,200.
2013	National English Contest for College Students Majoring in English, First Prize, Wuhan University of Engineering Science.
2011	National Aspiration Scholarship, Wuhan University of Engineering Science, \$1,200.

Publications

†: Equal Contribution; *: Mentee

Manuscripts Under Review

Under review	Wang, F. <i>Cross-linguistic emotion perception: Impact of native language and visual cues in English and Mandarin Chinese speakers.</i>
Under review	Wang, F. , Utianski, R. L., Barnard, L. R., Duffy, J. R., & Botha, H. <i>Automated assessment of hypernasality in motor speech disorders using nasal cognate distinctiveness and nasal posterior probability.</i>
Under review	Wang, F. , Utianski, R. L., Duffy, J. R., Barnard, L. R., & Botha, H. <i>Beyond intelligibility: Deep-learning-based speech measures of motor speech disorder subtypes.</i>
Under review	Tetzloff, K. A., Wang, F. , Botha, H., Duffy, J. R., Whitwell, J. L., Josephs, K. A., & Utianski, R. L. <i>Vowel stability and dynamics in primary progressive apraxia of speech subtypes.</i>
Under review	Utianski, R. L., Wang, F. , Duffy, J. R., Botha, H., Bhaskaran, J. G., Clark, H. M., Whitwell, J. L., Josephs, K. A., & Meade, G. <i>Minimal detectable change and minimal clinically important difference for speaking rate and articulatory errors in progressive apraxia of speech.</i>

Book Chapters

Under review	Ryan Bennett, Kevin Tang, & Fenqi Wang . Glottalized stops and affricates in Eastern Mayan languages. https://doi.org/10.31234/osf.io/4ksvx_v1
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Journal Articles

In press	Wang, F. , Botha, H., Duffy, J. R., Zhang, G., Barnard, L. R., & Utianski, R. L. <i>Phonological posterior probabilities as interpretable markers of articulatory impairment in motor speech disorders. Journal of Speech, Language, and Hearing Research.</i>
2026	Wang, F. , Utianski, R. L., Barnard, L. R., Stricker, J. L., Clark, H. M., Meade, G. F., Jones, D. T., Whitwell, J. L., Josephs, K. A., Duffy, J. R., & Botha, H. <i>Automated detection of motor speech disorders and subtype classification</i> [Preprint]. medRxiv. https://doi.org/10.64898/2026.07.16.26358268

- 2026 **Wang, F.**, Utianski, R. L., Duffy, J. R., Barnard, L. R., & Botha, H. *Evaluating goodness of pronunciation and phonological posteriors as objective markers of speech severity in motor speech disorders* [Preprint]. medRxiv. <https://doi.org/10.64898/2026.07.14.26358076>
- 2026 **Wang, F.**, Deng, D., Wayland, R., Yeung, H. H., & Wang, Y. *An investigation of the phonetic variation of the word-initial /l/ and /n/ across regional varieties of Mandarin*. *Language and Speech*, 0(0). <https://doi.org/10.1177/00238309261453016>
- 2026 Wang, S.^{*}, **Wang, F.**[†], Deng, D., & Zhou, L. *Modeling depression as a gradient condition using acoustic features of Mandarin speech*. *Journal of Speech, Language, and Hearing Research*, 1–15. https://doi.org/10.1044/2026_JSLHR-26-00145
- 2026 **Wang, F.**, Duffy, J. R., Bachman, A., Barnard, L. R., Botha, H., & Utianski, R. L. *Deep learning-derived measures of sound-level accuracy in primary progressive apraxia of speech: A feasibility pipeline with descriptive evidence from two cases*. *Clinical Linguistics & Phonetics*, 1–19. <https://doi.org/10.1080/02699206.2026.2639397>
- 2025 **Wang, F.** *Modeling the acoustic profiles of vocal emotions in American English and Mandarin Chinese*. *Phonetica*, 82(6), 445–487. <https://doi.org/10.1515/phon-2025-0003>
- 2025 Deng, D., **Wang, F.**[†], & Wayland, R. *Nasalization reduction and grammaticalization of genre in Swiss French: A corpus-based sociophonetic study*. *Lingua*, 323, 103960. <https://doi.org/10.1016/j.lingua.2025.103960>
- 2024 Tang, K., Wayland, R., **Wang, F.**, Vellozzi, S., & Sengupta, R. *Evaluating the consistency of lenition measures: Neural networks' posterior probability, intensity velocity, and duration*. *Journal of the Acoustical Society of America*, 156(2), 1367–1379. <https://doi.org/10.1121/10.0028299>
- 2024 **Wang, F.**, Deng, D., Tang, K., & Wayland, R. *The effect of pitch accent on the perception of English lexical stress: Evidence from English and Mandarin Chinese listeners*. *Languages*, 9(3), 87. <https://doi.org/10.3390/languages9030087>
- 2023 Deng, D., & **Wang, F.** *A corpus-based study of quai in French native speech*. *Linguistics Vanguard*, 9(1), 161–171. <https://doi.org/10.1515/lingvan-2023-0027>
- 2023 Deng, D., **Wang, F.**[†], & Wayland, R. *The pitch contour of the French discourse marker donc: A corpus-based study using generalized additive mixed-effects modeling*. *Journal of French Language Studies*, 33(3), 324–356. <https://doi.org/10.1017/S0959269523000121>
- 2023 Wayland, R., Tang, K., **Wang, F.**[†], Vellozzi, S., & Sengupta, R. *Quantitative acoustic versus deep learning metrics of lenition*. *Languages*, 8(2), 98. <https://doi.org/10.3390/languages8020098>
- 2023 Tang, K., Wayland, R., **Wang, F.**, Vellozzi, S., Sengupta, R., & Altmann, L. *From sonority hierarchy to posterity probability as a measure of lenition: The case of Spanish stops*. *Journal of the Acoustical Society of America*, 153(2), 1191–1203. <https://doi.org/10.1121/10.0017247>
- 2023 Liu, H., Guo, Z., Jiang, Y., Schwieter, J., & **Wang, F.** *Neural circuits underlying language control and modality control in bilinguals: An fMRI study*. *Neuropsychologia*, 178, 108430. <https://doi.org/10.1016/j.neuropsychologia.2022.108430>
- 2022 Deng, D., & **Wang, F.** *Review of Teacher transition into innovative learning environments: A global perspective*. *Australian Journal of Applied Linguistics*, 5(2), 88–91. <https://doi.org/10.29140/ajal.v5n2.721>

- 2022 Liu, S., Schwieter, J., **Wang, F.**, & Liu, H. *An event-related potential study of self-positivity bias in native and foreign language contexts.* *Psychophysiology*, 60(1), e14145. <https://doi.org/10.1111/psyp.14145>
- 2022 Liu, D., Schwieter, J., **Wang, F.**, Mu, L., & Liu, H. *Uncovering the effects of bilingual language control on rational decisions: An ERP study.* *Psychophysiology*, 59(10), e14066. <https://doi.org/10.1111/psyp.14066>
- 2022 Guo, T., **Wang, F.**, Cao, N., & Liu, H. *Conflicts influence affects: An fMRI study of emotional effects in a conflict task.* *Cognitive Neurodynamics*, 16(6), 1261–1271. <https://doi.org/10.1007/s11571-022-09790-6>
- 2022 Liu, L., Schwieter, J., **Wang, F.**, & Liu, H. *First and second languages differentially affect rationality when making decisions: An ERP study.* *Biological Psychology*, 169, 108265. <https://doi.org/10.1016/j.biopsycho.2022.108265>
- 2021 Liu, H., Li, W., Zuo, M., **Wang, F.**, Guo, Z., & Schwieter, J. *Cross-task adaptation effects of bilingual language control on cognitive control: A dual-brain EEG examination of simultaneous production and comprehension.* *Cerebral Cortex*, 32(15), 3224–3242. <https://doi.org/10.1093/cercor/bhab411>
- 2020 Zhang, M., Wang, X., **Wang, F.**, & Liu, H. *Effect of cognitive style on language control during joint language switching: An ERP study.* *Journal of Psycholinguistic Research*, 49, 383–400. <https://doi.org/10.1007/s10936-019-09682-7>
- Proceedings**
- In press Deng, D., & **Wang, F.** *The intonation of the French discourse marker donc with different pragmatic functions.* In *Proceedings of the 56th Linguistics Colloquium.*
- In press Wayland, R., Tang, K., Vellozzi, S., **Wang, F.**, & Sengupta, R. *Measuring gradient effects of alcohol on speech with neural networks' posterior probability of phonological features.* In *Proceedings of the 20th International Congress of the Phonetic Sciences.* <https://psyarxiv.com/4wtc8/>
- 2024 Tuttösí, P., Yeung, H. H., Wang, Y., **Wang, F.**, Denis, G., Aucouturier, J.-J., & Lim, A. *Mmm whatcha say? Uncovering distal and proximal context effects in first and second-language word perception using psychophysical reverse correlation.* In *Interspeech 2024.* <https://doi.org/10.21437/Interspeech.2024-1296>
- 2023 Wayland, R., Tang, K., **Wang, F.**, Vellozzi, S., Meyer, R., & Sengupta, R. *Neural network-based measure of consonant lenition in L2 Spanish.* In *Proceedings of Meetings on Acoustics* (Vol. 52, No. 1). AIP Publishing. <https://doi.org/10.1121/2.0001881>
- 2023 Wayland, R., Tang, K., **Wang, F.**, Vellozzi, S., Meyer, R., & Sengupta, R. *Neural network-based measure of consonant lenition in Parkinson's disease.* In *Proceedings of Meetings on Acoustics* (Vol. 52, No. 1). AIP Publishing. <https://doi.org/10.1121/2.0001913>
- 2023 Wayland, R., Tang, K., **Wang, F.**, Vellozzi, S., & Sengupta, R. *Neural networks' posterior probability as measure of effects of alcohol on speech.* In *Proceedings of Meetings on Acoustics* (Vol. 51, No. 1). AIP Publishing. <https://doi.org/10.1121/2.0001764>
- 2022 Wayland, R., Tang, K., **Wang, F.**, Vellozzi, S., Sengupta, R., & Altmann, L. *Lenition measures: Neural networks' posterior probability versus acoustic cues.* In *Proceedings of Meetings on Acoustics* (Vol. 50, No. 1). AIP Publishing. <https://doi.org/10.1121/2.0001728>

Conference Presentation

Oral

- 2026 **Wang, F.**, Utianski, R. L., Duffy, J. R., Barnard, L. R., & Botha, H. Goodness of pronunciation as an objective marker of speech severity in motor speech disorders. *ASHA Convention 2026*, Indianapolis, USA.
- 2026 Deng, D., & **Wang, F.** Acoustic markers of depression in Mandarin speech: Evidence for a dimensional model. *ASHA Convention 2026*, Indianapolis, USA.
- 2026 Tetzloff, K. A., Utianski, R. L., Botha, H., Duffy, J. R., Whitwell, J. L., Josephs, K. A., & **Wang, F.** Vowel space organization and acoustic variability across progressive apraxia of speech subtypes. *ASHA Convention 2026*, Indianapolis, USA.
- 2026 **Wang, F.**, Utianski, R. L., Duffy, J. R., Barnard, L. R., & Botha, H. Articulatory-informed modeling for accurate motor speech disorder detection. *2026 Voice AI Symposium*, St. Petersburg, USA.
- 2026 **Wang, F.**, Utianski, R. L., Duffy, J. R., Barnard, L. R., & Botha, H. The power of articulatory priors: A compact model for robust motor speech disorder classification. *2026 Motor Speech Conference*, Tempe, USA.
- 2024 **Wang, F.**, Cheng, A., Ali, F., Tam, A., & Yeung, H. H. An acoustic study of pitch features of infant- and adult-directed speech in first and second languages. *The 49th Boston University Conference on Language Development (BUCLD)*, Boston, USA.
- 2024 Cheng, A., **Wang, F.**, & Yeung, H. H. Ethnic orientation influences infant-directed speech patterns in multilingual, multicultural households. *The 52nd Annual Meeting of New Ways of Analyzing Variation (NWAV)*, Miami, USA.
- 2021 **Wang, F.**, Deng, D., & Wayland, R. The ongoing sound change between /l/ and /n/ in Gan Chinese: Random forest classification. *The 181st Meeting of Acoustical Society of America (ASA)*, Seattle, USA.
- 2021 **Wang, F.**, Deng, D., Zeng, Q., Wayland, R., & Tang, K. A corpus study of the production of syllable-initial /l/ and /n/ in Gan-accented Mandarin: Random forest classification. *The 49th Meeting of New Ways of Analyzing Variation (NWAV)*, Austin, USA (virtual).
- 2021 **Wang, F.** & Wang, S. The emergence of /l/ in Chongyang Gan Chinese: OT learning with GLA. *The 54th International Conference on Sino-Tibetan Languages and Linguistics (ICSTLL54)*, Chengdu, China (virtual).
- 2021 **Wang, F.** Merger of /l/ and /n/ in Chongyang Gan Chinese: OT analysis and GLA. *The 34th Paris Meeting on East Asian Linguistics (JLAO34)*, Paris, France (virtual).
- 2021 Deng, D., & **Wang, F.** The intonation of the French discourse marker *donc* with different pragmatic functions. *Disfiller 2021*, Bristol, UK (virtual).
- 2020 Deng, D., & **Wang, F.** The intonation of the French discourse marker *donc* with different pragmatic functions. *The 56th Linguistics Colloquium*, Mainz, Germany (virtual).

Posters

- 2026 Utianski, R. L., **Wang, F.**, Duffy, J. R., Botha, H., Bhaskaran, J. G., Clark, H. M., Whitwell, J. L., Josephs, K. A., & Meade, G. Minimal detectable change and minimal clinically important difference for goodness of pronunciation in progressive apraxia of speech. *ISFTD Annual Meeting 2026*, Philadelphia, USA.

- 2025 **Wang, F.**, Duffy, J. R., Bachman, A., Botha, H., & Utianski, R. L. AI-based detection of articulatory modulations induced by delayed auditory feedback in PPAOS. *ASHA Convention 2025*, Washington, D.C., USA.
- 2025 **Wang, F.**, Botha, H., & Utianski, R. L. Using AI to detect articulatory modulations under delayed auditory feedback in PPAOS. *The 5th Biennial Boston Speech Motor Control Symposium (BSMCS)*, Boston, USA.
- 2025 **Wang, F.**, Utianski, R. L., Duffy, J. R., Jones, D., & Botha, H. Deep learning-driven phonetic profiling of dysarthric speech. *The 188th Meeting of Acoustical Society of America (ASA)*, New Orleans, USA.
- 2024 **Wang, F.**, Gu, J., Durana, M., Mabohang, C., Behne, D., Jongman, A., Sereno, J., & Wang, Y. Real-time speech adaptations in conversations between human interlocutor and AI confederate. *The 186th Meeting of Acoustical Society of America (ASA)*, Ottawa, Canada.
- 2024 Gu, J., **Wang, F.**, Fong, I., To, S., Behne, D., Jongman, A., Sereno, J., & Wang, Y. A new experimental design to study speech adaptations in spontaneous human-computer conversations. *The 186th Meeting of Acoustical Society of America (ASA)*, Ottawa, Canada.
- 2024 Fong, I., **Wang, F.**, Chan, K., Johnson-Dhillon, T., Trasolini, J., Behne, D., Jongman, A., Sereno, J., & Wang, Y. Phonetic adaptation in conversation: The case of Cantonese tone merging. *The 186th Meeting of Acoustical Society of America (ASA)*, Ottawa, Canada.
- 2024 Zhang, H., Glover, M., **Wang, F.**, Deng, X., Behne, D., Jongman, A., Sereno, J., & Wang, Y. Speech adaptation in conversation: Effects of segment cue-weighting strategy for non-native speakers. *The 186th Meeting of Acoustical Society of America (ASA)*, Ottawa, Canada.
- 2023 Wayland, R., Tang, K., **Wang, F.**, Vellozzi, S., & Sengupta, R. Neural network-based measure of consonant lenition in Parkinson's disease. *The 185th Meeting of Acoustical Society of America (ASA)*, Sydney, Australia.
- 2023 Tang, K., Wayland, R., **Wang, F.**, Vellozzi, S., & Sengupta, R. Quantitative acoustic versus deep learning metrics of lenition. *The 19th Meeting of Phonetics & Phonology in German-speaking Countries*, Bern, Switzerland.
- 2023 **Wang, F.**, Deng, D., & Wayland, R. Thing or sing: Modeling the phonetic variation of the interdental fricative /θ/ in accented English. *The 184th Meeting of Acoustical Society of America (ASA)*, Chicago, USA.
- 2023 **Wang, F.** & Wayland, R. Acoustic properties of vocal emotions in American English and Mandarin Chinese. *The 184th Meeting of Acoustical Society of America (ASA)*, Chicago, USA.
- 2023 Wayland, R., Tang, K., **Wang, F.**, Vellozzi, S., & Sengupta, R. Neural networks' posterior probability as measure of effects of alcohol on speech. *The 184th Meeting of Acoustical Society of America (ASA)*, Chicago, USA.
- 2022 **Wang, F.**, Deng, D., & Wayland, R. The acoustic profiles of vocal emotions in Japanese: A corpus study with generalized additive mixed modeling. *The 183rd Meeting of Acoustical Society of America (ASA)*, Nashville, USA.
- 2022 **Wang, F.**, Deng, D., & Wayland, R. Modeling retroflex fricative variation in accented Mandarin. *The 183rd Meeting of Acoustical Society of America (ASA)*, Nashville, USA.

- 2022 Wayland, R., Tang, K., **Wang, F.**, Vellozzi, S., Sengupta, R., & Altmann, L. Lenition measures: Neural networks' posterior probability versus acoustic cues. *The 183rd Meeting of Acoustical Society of America (ASA)*, Nashville, USA.
- 2022 Meyer, R., Wayland, R., & **Wang, F.** Measuring second language acquisition of Spanish lenition. *The 183rd Meeting of Acoustical Society of America (ASA)*, Nashville, USA.
- 2022 **Wang, F.**, Wayland, R., & Tang, K. Native English listeners' processing of pitch accent in the perception of English lexical stress. *The 96th Annual Meeting of Linguistic Society of America (LSA)*, Washington, D.C., USA.
- 2022 Deng, D., & **Wang, F.** The affrication of word-initial /ʒ/ in French native speech. *The 96th Annual Meeting of Linguistic Society of America (LSA)*, Washington, D.C., USA.
- 2021 **Wang, F.**, Tang, K., & Wayland, R. Native English listeners' processing of pitch accent in the perception of English lexical stress. *Florida Psycholinguistic Meeting*, Tallahassee, USA (virtual).
- 2021 **Wang, F.** An acoustic study of English vowels produced by Chinese learners of English. *UF Graduate Research Blitz*, Gainesville, USA.
- 2021 Lyu, J., & **Wang, F.** Compound or single word: Phonological analysis of names in Shanghai Chinese. *The 33rd Meeting of the North American Conference on Chinese Linguistics (NACCL-33)*, Chicago, USA (virtual).
- 2021 Lyu, J., **Wang, F.**, & Kaiser, E. Antecedent prominence and the Chinese reflexive *ziji*. *The 45th Annual Penn Linguistics Conference (PLC 45)*, Philadelphia, USA (virtual).
- 2021 **Wang, F.**, Tang, K., & Lyu, J. The effect of pitch accent on the perception of English lexical stress by native and non-native listeners. *The 95th Annual Meeting of Linguistic Society of America (LSA)*, USA (virtual).
- 2019 Lyu, J., **Wang, F.**, Lu, D., & Chen, Y. Locality or recency: A story of two Chinese reflexives. *The 50th Annual Meeting of the North East Linguistic Society (NELS 50)*, Boston, USA.

Invited Talks

- 2023 **Wang, F.** Recognizing emotions in speech: Humans vs. machines. Talk invited by Dr. Delin Deng, Department of Linguistics, University of Florida, USA.
- 2023 **Wang, F.** Recognizing emotions in speech: Humans vs. machines. Talk invited by Dr. Sarah Moeller, Department of Linguistics, University of Florida, USA.
- 2023 **Wang, F.** Dissertation writing and plan for graduate school. Talk invited by Dr. Edith Kaan, Department of Linguistics, University of Florida, USA.
- 2022 **Wang, F.** An introduction to Montreal Forced Aligner. Workshop hosted by Phonetics and Phonology Reading Group, Department of Linguistics, University of Florida, USA.
- 2021 **Wang, F.** The effect of pitch accent on the perception of English lexical stress: Evidence from native listeners. Colloquium talk invited by the Department of Linguistics, University of Florida, USA.
- 2021 **Wang, F.** The analysis of the production of syllable-initial /l/ and /n/ in Gan-accented Mandarin. Talk invited by the Department of Linguistics, University of Florida, USA.

- 2021 **Wang, F.** The application of random forest classification on the production of syllable-initial /l/ and /n/ in Gan-accented Mandarin. Talk invited by Dr. Fei Chen, Hunan University, Hunan, China.
- 2021 **Wang, F.** Perceptual assimilation model and speech learning model. Talk invited by Yihan Chen in *LIN4721 Second Language Acquisition*, Department of Linguistics, University of Florida, USA.

Teaching Experience

- 2024 *LING330 Phonetics*
2024 Summer
Simon Fraser University
Role: Instructor
- 2023 *LING401 Topics in Phonetics*
2023 Fall
Simon Fraser University
Role: Instructor
- 2023 *IDS2935 Language and Emotion*
2023 Summer
University of Florida
Role: Graduate teaching assistant
- 2021 - 2023 *The Sound Structure of English (Online)*
2021 Spring, Summer, Fall; 2022 Spring, Summer, Fall
Harbour Education Co. Ltd.
Role: Teaching fellow
- 2022 *Educational Psychology: Education, School and Society (Online)*
2022 Summer
Harbour Education Co. Ltd.
Role: Teaching fellow
- 2018 - 2020 *Ling106 Introductory Linguistics*
2018 Fall, 2019 Spring & Fall, 2020 Spring
University of Kansas
Role: Graduate teaching assistant
- 2018 *American Spoken English, TOEFL, and IELTS*
Meten International Education Corporation
Role: Instructor
- 2017 *Neurology and Neuroscience*
University of Hong Kong
Role: Teaching assistant

Student Supervision

Undergraduates:

2023 - 2024	Language and Brain Lab, Simon Fraser University: Meagan Durana & Chihiro Mabohang
2023 - 2024	Language Learning and Development Lab, Simon Fraser University: Jiyun Choi, Pritika Purba, Sahibnoor Dhami, Eryn Ng, Marissa Zhu, Alexandra Samosseiko, Daniela Garcia, & Rasanpreet Dhami
2021 - 2023	Speech, Lexicon, and Modeling Lab, University of Florida: Sophia Vellozzi

Professional Service

Reviewer:

- Journal of Speech, Language, and Hearing Research; American Journal of Speech-Language Pathology; Journal of Voice; Computer Speech & Language; Digital Biomarkers; Journal of Phonetics; Phonetica; Lingua; Humanities and Social Sciences Communications; Acta Psychologica; Journal of the Acoustical Society of America; BMC Psychology; PLOS ONE; Forum for Linguistic Studies

Reviewer:

- Interspeech 2026, The 186th ASA Meeting

Research Skills

Programming:

- R (proficient), Python (proficient), MATLAB (basic)

EEG-related:

- EEGLAB/ERPLAB (proficient), Neuroscan (basic), Curry 8 (basic)

fMRI-related:

- FreeSurfer (basic), SPM 12 (basic), DPABI (basic)

Others:

- Praat (proficient), Paradigm (intermediate), PsychoPy (proficient), FindingFive (proficient), Linux (proficient), L^AT_EX (proficient)

Languages

English: Fluent

Mandarin Chinese & Gan Chinese: Native

Memberships

2026 -	American Academy of Neurology
2025 -	American Speech-Language-Hearing Association
2021 -	Acoustical Society of America
2020 -	Association for Laboratory Phonology
2019 -	Linguistic Society of America
2017 - 2018	Society for the Neurobiology of Language