Jiayu Liang

Curriculum Vitae: Updated August 2025
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Education

2020–2024 B.A., English, Shandong University

Appointment

2024–present Research Assistant, Hong Kong University of Science and Technology

2023–2024 Research Assistant, Shandong University

Publications

† *Indicates an equal contribution with the first author*

Journal Articles

1. **Liang, J**., Zhang, H., Ma, W., Ding, H. (in press). Effect of musical aptitude on the perception of English vowels: An eye-tracking investigation among native Mandarin speakers. *Journal of Speech, Language, and Hearing Research*. https://doi.org/10.1044/2025_JSLHR-24-00916
2. Zhang, H., **Liang, J**†. (manuscript in preparation). Benefits of melodic training on the production and perception of Cantonese level tones by Korean and Chinese older adults.
3. **Liang, J**., Zhang, H. (manuscript in preparation). Effect of musical aptitude on the production and perception of English vowels: An eye-tracking investigation among native Mandarin speakers.
4. **Liang, J**., Zhang, H. (manuscript in preparation). Benefits of melodic training on the production and perception of Cantonese level tones by Chinese younger adults.

Conference Presentations

1. Wang, Y., **Liang, J**., & Qin, Z. (2025). The role of bilingual experiences on attentional control in the dichotic listening: Evidence from younger and older Cantonese–English bilinguals. In *The 15th International Symposium on Bilingualism (ISB15)*, San Sebastian, Spain. (oral presentation)

2. **Liang, J**., Zhang, H. (2024). Effects of Mandarin speakers' musical aptitude on the perception of English vowels: An eye-tracking study. In *The 15th International Conference in Evolutionary Linguistics (CIEL 2024)*, Changsha, Hunan. (poster presentation)
3. **Liang, J**., Zhang, H. (2023). Perception-production links in Mandarin speakers' English vowels: A behavioral and eye-tracking study. In *The 2nd National Symposium on Clinical Linguistics (NSCL2023)*, Jinan, Shandong. (oral presentation)
4. **Liang, J**., Jia, B., Liu, J., Li, X., Zhang, H. (2023). Music experience enhances categorical perception of English vowels in Mandarin speakers. In *The 14th International Conference in Evolutionary Linguistics (CIEL 2023)*, Hong Kong. (poster presentation)
5. **Liang, J**., Jia, B., Liu, J., Li, X., Zhang, H. (2023). Music experience enhances categorical perception of English vowels in Mandarin speakers. In *The 15th Phonetic Conference of China (PCC 2023)*, Shenzhen, Guangdong. (oral presentation)

Research Experience

01.2025–present	Assisted Project	Adult Second-language Learners' Consolidation of Cantonese Tones during Daytime Naps: the Role of Prior Knowledge
10.2024–present	Assisted Project	Enhancing the Perception and Recognition of Spoken Words in a Second Language: A Cue-Weighting Approach
09.2024–11.2024	Assisted Project	Effects of Tone Types and Bilingual Experiences on Forced-attention Dichotic Task in Cantonese-speaking Older Adults
04.2024–present	Individual Project	Efficacy of Melodic Training and Sleep-mediated Memory Consolidation in Learning Cantonese Level Tones by Mandarin-speaking Younger Adults
11.2023–present	Individual Project	Benefits of Melodic Training on the Production and Perception of Cantonese Level Tones by Korean and Chinese Older Adults
07.2023–07.2024	Individual Project	Perception–Production Links in Mandarin Speakers' English Vowels: A Behavioral and Eye-tracking Study
03.2023–06.2023	Individual Project	Music Experience Enhances Categorical Perception of English Vowels in Mandarin Speakers

Selected Honours and Awards

2022	College Students' Innovative and Entrepreneurial Training Program Funding Supported by Shandong University
2021	The Third-Class Undergraduate Academic Scholarship

Skills

- Programming: Python, R, JavaScript and MATLAB.
- Language proficiency: Mandarin (native), Cantonese (native), English (IELTS score: 8.0).