Jiayu Liang

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Education

Shandong University [2020 – 2024]
Bachelor of Arts in English Language and Literature, 88.71/100 Average Grade

Research Interests

- Production and Perception of Non-native Languages
- Cross-domain Transfer Effects between Music and Language
- Age-related Differences in Language Learning

Publications & Presentations

- **Liang, J.**, Zhang, H., Ma, W., Ding, H. Effect of Musical Aptitude on the Perception of English Vowels: An Eye-tracking Investigation among Native Mandarin Speakers. (Under Review)
- , H., Liang, J. (co-first author) Benefits of Melodic Training on the Production and Perception of Cantonese Level Tones by Korean and Chinese Older Adults. (Manuscript in Preparation)
- **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 (CIEL2023)*, Hong Kong. (poster)

Research Experience

- **Adult Second-language Learners' Consolidation of Cantonese Tones during Daytime Naps: The Role of Prior Knowledge** [Present]
  Assisted Project: Data collection and analysis.
- **Enhancing the Perception and Recognition of Spoken Words in a Second Language: A Cue-Weighting Approach** [Present]
  Assisted Project: Data collection.
- **Effects of Tone Types and Bilingual Experiences on Forced-attention Dichotic Task in Cantonese-speaking Older Adults** [Sep. 2024 – Nov. 2024]
  Assisted Project: Data collection.
- **Efficacy of Melodic Training and Sleep-mediated Memory Consolidation in Learning Cantonese Level Tones** [Apr. 2024 – Present]
  Individual Project: Experimental design, data collection and analysis.
- **Perception-Production Links in Mandarin Speakers' English Vowels: A Behavioral and Eye-tracking Study** [Jul. 2023 – Jul. 2024]
  Undergraduate Thesis: Literature review, experimental design, data collection and analysis, manuscript.

Awards

- College Students' Innovative and Entrepreneurial Training Program Funding [Jun. 2023 – Jun. 2024]
- The Third-Class Undergraduate Academic Scholarship [Sep. 2021]

Skills

- **Programming**: Python, R, JavaScript, MATLAB
- **Language Proficiency**: Mandarin (native), Cantonese (native), English (IELTS 8.0)