

## Jiang Liu

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Linguistics Program  
University of South Carolina  
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### EDUCATION

- Ph.D. 2013      Linguistics, University of Kansas, United States
- MSc. 2007      Speech and Language Processing, University of Edinburgh, United Kingdom
- B.A. 2006      English Language and Linguistics, Lancaster University, United Kingdom
- Guangdong University of Foreign Studies, Guangzhou, Guangdong, China  
Undergraduate study in English language and literature, 2002-2004 (*credits transferred to Lancaster University*)

### RESEARCH AREAS

Second Language acquisition, Phonetics, Phonology, Psycholinguistics, Chinese pedagogy, pragmatics

### ACADEMIC EXPERIENCE

- 2023-Present Associate Professor**, Department of Languages, Literatures and Cultures, Linguistics Program, University of South Carolina
- 2017-2023 Assistant Professor (tenure-track)**, Department of Languages, Literatures and Cultures, Linguistics Program, University of South Carolina
- 2014-2017 Associate Director of Chinese Flagship Program**, Department of Asian Languages and Literatures. University of Minnesota
- 2013-2014 Lecturer** Department of Asian Languages and Literatures, University of Minnesota

### PUBLICATIONS

#### Book chapters

- Liu, Jiang (to appear) *The acquisition of L2 Chinese lexical tones: Study of L1 non-tonal and L1 tonal language speakers' tone identification and tone word recognition in L2 Chinese*. In Jin, J. and Ke, S.H. (Ed) Chinese Language Education and Second Language Chinese Acquisition: An Interface with Chinese Linguistics: Routledge.
- Liu, Jiang & Xiao, Cheng. (2021) *Tone category learning should serve tone word learning: an experiment of integrating pronunciation teaching in the L2 Chinese curriculum*, In Yang, C. (Ed.). The Acquisition of Chinese as a Second Language Pronunciation: Segments and Prosody. Springer Nature. ISBN : 978-981-15-3808-7
- Liu, Jiang. (2021) *Cross-cultural communication: Cases and reflections of teaching Chinese as a second*

*language at overseas*. Edited by Liu, Gang and Wang, Haixia: Peking University Press. (in Chinese) [《跨文化交际：海外汉语教学案例与反思》，刘刚，汪海霞主编，北京大学出版社]. ISBN: 9787301321027

Liu, Jiang. (2019) *Teaching Chinese pronunciation: explanation, expectation, and implementation*. In Shei, C., Zikpi, M. M., and Chao, D. L. (Ed.) *Routledge Handbook of Chinese Language Teaching*. Routledge, ISBN: 9781138097940

### Peer reviewed journal articles

- Xiao, Cheng., & **Liu, Jiang** (2024). The Perception of Emotional Prosody in Mandarin Chinese Words and Sentences (in press). *Second Language Research*.
- Xiao, Cheng., & **Liu, Jiang** (2024). Semantic effects on the perception of emotional prosody in native and non-native Chinese speakers. *Cognition and Emotion*, 1–11. <https://doi.org/10.1080/02699931.2024.2371088>
- Liu, Jiang** and Zhang, Yang (2023). "Language Experience Modulates the Visual N200 Response for Disyllabic Chinese Words: An Event-Related Potential Study" *Brain Sciences* 13, no. 9: 1321. <https://doi.org/10.3390/brainsci13091321>
- Li, Wenshan. & **Liu, Jiang**. (2023). What is what if?. *Zeitschrift für Sprachwissenschaft*. <https://doi.org/10.1515/zfs-2023-2004>
- Li, Wenshan. & **Liu, Jiang**. (2023). About what about: the semantics and syntax of irregular wh-questions in English. *Linguistics*, 61(1), 159-195. <https://doi.org/10.1515/ling-2020-0130>
- Pelzl, Eric, **Liu, Jiang** & Qi, Chunhong (2022) Native language experience with tones influences both phonetic and lexical processes when acquiring a second tonal language. *Journal of Phonetics*. <https://doi.org/10.1016/j.wocn.2022.101197>
- Li, Wenshan & **Liu, Jiang** (2022) Familiar when-relatives and peculiar when-relatives in English. *English Language and Linguistics*, 1-27. The Cambridge University Press. doi:10.1017/S1360674322000235
- Liu, Jiang** & Wiener, Seth (2022). Effects of phonological and talker familiarity on second language lexical development. *The Mental Lexicon*, 17(1): pp132-153. <https://doi.org/10.1075/ml.20024.liu>
- Liu, Jiang** & Wiener, Seth (2021). CFL learners' Mandarin syllable-tone word production: effects of task and prior phonological and lexical learning. *Chinese as a Second Language Research*, 9(2), 31-52. <https://doi.org/10.1515/caslar-2021-0002>
- Wiener, Seth & **Liu, Jiang** (2021). Effects of perceptual abilities and lexical knowledge on the phonetic categorization of second language speech. *JASA Express Letters*, 1(4), 045202. <https://doi.org/10.1121/10.0004259>
- Liu, Jiang**, & Wiener, Seth (2020). Homophones facilitate lexical development in a second language. *System*, 102249. <https://doi.org/10.1016/j.system.2020.102249>
- Li, Wenshan & **Liu, Jiang** (2020). The dynamics of yes and no in and as context. *Lingua*, 244, 102874. doi: 10.1016/j.lingua.2020.102874
- Zhang, Jie & **Liu, Jiang** (2016). "The productivity of variable disyllabic tone sandhi in Tianjin Chinese". *Journal of East Asian Linguistics*, 25(1), pp 1-35. <https://doi.org/10.1007/s10831-015-9135-0>
- Zhang, Jie & **Liu, Jiang** (2011) Tone Sandhi and Tonal Coarticulation in Tianjin Chinese. *Phonetica* (68):161–191. <https://doi.org/10.1159/000333387>

## Conference Proceedings

- Liu, Jiang (2020) A combination of metalinguistic instruction and task repetition in teaching L2 Chinese prosody. In *Proceedings of the 11<sup>th</sup> Annual Pronunciation in Second Language Learning and Teaching Conference (PSLLT)*. Flagstaff, Northern Arizona University.  
<https://iastate.app.box.com/v/pslltproceedings11>
- Liu, Jiang, Zhang, Jie (2016). *The Effects of Talker Variability and Input Distribution on the L2 Training of Tone Categorization*. In Proceedings of The 5th International Symposium of Tonal Aspects of Languages, [http://isca-speech.org/archive/TAL\\_2016/](http://isca-speech.org/archive/TAL_2016/)
- Liu, Jiang, and Jongman, Allard (2013). American Chinese learners' acquisition of L2 Chinese affricates /ts/ and /tsh/. *Proceedings of Meetings on Acoustics (POMA)*, Volume 18, pp. 060005 (10 pages), 164th Meeting of the Acoustical Society of America. DOI: 10.1121/1.4798223.
- Zhang, Jie and Liu, Jiang (2011). Patterns of tone sandhi productivity in Tianjin Chinese. In Suzanne E. Boyce (ed.), *Proceedings of Meetings on Acoustics*, Vol. 11, 060003 (18 pages): 160th Meeting of the Acoustical Society of America. DOI: 10.1121/1.3573498.

## INVITED TALKS

- “屏幕电写时代的汉语教学” [Chinese pedagogy in electronic writing era]. Nanchang University, Nanchang, Jiangxi, China, 2024.
- “From Phonetic Category to Phoneme to Lexicon: Study of adult L2 Learners' Mental Lexicon” University of Kansas, October 20, 2022.
- “From phonetic categories to phonemes to lexicon in Second Language Speech Learning” Yunnan Normal University, Kunming, Yunnan, China, June 24, 2022.
- “Learning tone category and tone word in second language: A ‘messy’ picture for tonal and non-tonal language speakers.” Hong Kong University of Science and Technology-Humanity Division, March 8, 2022.
- “Tone category learning should serve tone word learning” Chinese Language Teachers Association (CLTA), Special Interests Group (SIG), January 23, 2021.
- “American L2 learners' acquisition of Chinese affricates” Eastern China Normal University, Shanghai, China, December 4, 2020.
- “What language pedagogical implications can psycholinguistic research provide?” University of Alabama, Jemison Lecture Series, Department of Foreign Languages and Literatures, University of Alabama at Birmingham, November 12, 2018.
- “New direction of research on acquisition of Chinese tones and prosody and pedagogy practice”, Shanghai International Studies University, Shanghai, China, June 15, 2018.
- “Experiment-based Language Teaching Practice”, Guangdong University of Foreign Studies, Guangzhou, China, June 20, 2018.
- “ERP study of native and non-native speakers' visual recognition of Chinese characters”, Department of Linguistics, University of Kansas, 2017
- “Moving forward to a higher Chinese Proficiency: Chinese Flagship Model”, Nanjing University, China, 2016.

## CONFERENCE PRESENTATIONS

- “L2 mental lexicon development: effects of homophone and talker variability on the learning of spoken words in beginner L2 Chinese learners” Laboratory Phonology (LabPhon) 19, Hanyang University, Seoul, South Korea, 2024.
- “The Semantics Effect on the Perception of Emotional prosody in Mandarin Chinese” 36<sup>th</sup> Annual Conference on Human Sentence Processing, University of Pittsburgh, 2023.

- “Positive and Negative Transfer of Tones: Vietnamese Speakers’ Perception of Tones and Recognition of (Tone) Words in L2 Mandarin”. The 46th annual Boston University Conference on Language Development (BUCLD 46), 2021.
- “Integrating pronunciation teaching in the language teaching curriculum”. ACTFL annual convention, 2021.
- “Vietnamese speaking learners of Mandarin have unique difficulties perceiving second language tones phonologically, but not lexically”. 1st International Conference on Tone and Intonation, Southern Denmark University, 2021.
- “The effects of language experience on the perception of emotional prosody in Mandarin Chinese” (co-Presented). 1st International Conference on Tone and Intonation, Southern Denmark University, 2021.
- “CFL learners’ Mandarin syllable-tone word production: Effects of task and prior phonological and lexical learning”. The 32nd North American Conference on Chinese Linguistics, University of Connecticut, 2020.
- “Perceptual and lexical constraints on the phonetic categorization of second language speech” Second Language Research Forum, Vanderbilt University, 2020
- “The Tale of Two Countries: a Cross-Cultural Communication Class” ACTFL annual convention, 2019.
- “Enhance pronunciation through task repetition—Bridging laboratory-type and class-interaction speaking tasks in teaching Chinese prosody”. the 11th annual Pronunciation in Second Language Learning and Teaching (PSLLT) conference, Flagstaff, Northern Arizona University, 2019.
- “The effects of sampling distribution on incidental learning of lexical tones by bilinguals” (co-presented). New Sounds 2019, Waseda University, Tokyo, Japan, 2019.
- “Effects of prior phonological and statistical knowledge on L2 Chinese word learning”. Second Language Research Forum, UQAM, Montreal, Canada, 2018.
- “Perception and production of syllable-tone homophones by second language learners of Chinese” Acoustical Society of America, Simon Fraser University, Canada, 2018.
- “ERP study of native and non-native speakers’ visual recognition of Chinese characters”, 50th Anniversary of Linguistics at the University of Kansas, 2017.
- “The effect of question format on Chinese Reading and Listening Proficiency Test”, American Councils on Teaching Foreign Languages Convention, Boston, 2016.
- “The Effects of Talker Variability and Input Distribution on the L2 Training of Tone Categorization”. The 6th International Symposium of Tonal Aspects of Languages, University of Buffalo, USA, 2016.
- “The Effects of Talker Variability and Input Distribution on the L2 Training of Tone Categorization”. Sound to Word in Bilingual and Second Language Perception, University of Iowa, USA, 2016.
- “A production and perception study of tonal neutralization in Nanchang Chinese”. The 3rd International Symposium of Tonal Aspects of Languages, Nanjing, China, 2013.
- “American Chinese learners’ acquisition of L2 Chinese affricates /ts/ and /tsh/”, 164th meeting of Acoustical Society of America, Kansas City, Missouri, 2012.
- “A production and perception study of tonal neutralization in Nanchang Chinese”, 164th meeting of Acoustical Society of America, Kansas City, Missouri, 2012.
- “Durational properties of grammatical and lexical stresses in Nanchang Chinese and formal phonological analysis”. The 19th annual meeting of the International Association of Chinese Linguistics, Tianjin, China, 2011.
- “Durational properties of grammatical and lexical stresses in Nanchang Chinese and their Implications for Tonal Contrasts”. The sixth International Workshop on Theoretical East Asian Linguistics, Peking University, Beijing, China, 2010.
- “Patterns of tone sandhi productivity in Tianjin Chinese”. The Generative Linguistics in the Old World-in-Aisa-VIII, Beijing Language and Culture University, Beijing, China, 2010.

“Tone sandhi and tonal coarticulation in Tianjin Chinese”. The Mid-America Linguistics Conference. University of Missouri, Columbia, Missouri, 2009.

“Tone sandhi and tonal coarticulation in Tianjin Chinese”. The 17th annual meeting of the International Association of Chinese Linguistics, Paris, France, 2009.

### **CONFERENCE PANEL CHAIR**

Content based instruction: Curriculum design of a sociolinguistics course. Co-chair at the 2019 American Councils on Teaching Foreign Languages (ACTFL) Convention, Washington, DC.

### **GRANT**

National Science Foundation: Doctoral Dissertation Research Improvement (DDRI), The semantic effect on the processing of emotional prosody in Mandarin Chinese: A neurolinguistic study. (PI: Jiang Liu; advisee: Cheng Xiao).

### **REFEREE WORK**

#### **Invited grant review**

Invited for reviewing NSF (Social, Behavioral and Economic Sciences) Doctoral Dissertation Research Improvement Grant proposal, 2021.

Invited for reviewing NSF (Social, Behavioral and Economic Sciences) regular grant proposal, 2019.

#### **Invited conference abstract review**

The 32nd North American Conference on Chinese Linguistics, University of Connecticut, Storrs CT.

#### **Invited journal article review**

Chinese as a Second Language Research

Digital Scholarship in Humanities

Speech Communication

Second Language Research

Language Learning

Language and Speech

Journal of Phonetics

Phonetica

The Journal of the Acoustical Society of America

Foreign Language Annals

### **COURSES TAUGHT**

#### **Chinese language courses:**

- All levels of Chinese language courses (Beginner to Advanced)

#### **Content courses:**

- Introduction to Phonology
- Seminar in Second Language Phonology
- Speech and Language Processing
- Speech and Language Processing in Second Language

- Intercultural Communication between China and U.S.
- Chinese language and society

## SERVICE

### Professional Community

- Editorial board member of Chinese as a Second Language, the academic journal of Chinese Language Teachers Association in the U.S. 2022-present.
- Chinese Language Teachers Association-SIG (Special Interests Group: L2 Chinese Pronunciation Teaching and Research Group), Committee member. 2018-present.

### Department Service

- Chinese basic course coordinator, Chinese Program, University of South Carolina, 2017-present.
- Faculty Advisory Committee, Department of Languages, Literatures & Cultures, University of South Carolina, 2022-present.
- Director of Foreign Language Education Committee (supervise foreign language teacher certification program), Department of Languages, Literatures & Cultures, 2022-2025.
- Graduate Student Admissions Committee, Linguistics Program, University of South Carolina, 2022-present.
- Travel award and colloquium committee for Linguistics Program, University of South Carolina, 2017-present (served as chair in 2021).
- Departmental Teaching Development Award Committee. Department of Languages, Literatures & Cultures, University of South Carolina, 2022.
- Non-tenure track faculty merit raise committee, Department of Languages, Literatures & Cultures, University of South Carolina, 2021.

### Greater Community

- Board of Directors, East Point Academy (Chinese immersion charter school), Columbia, South Carolina, starting August, 2022.

## AWARDS

- Fellow of U of SC-National Science Foundation Institute in Measurement Methodology in Rural Stem Education (IMMERSE), University of South Carolina, 2022-2023
- Editor's choice for 2021: The paper *The Dynamics of yes and no in and as context* published in the journal *Lingua* gained recognition from the editorial board.
- Faculty Research Initiative, College of Arts & Sciences, University of South Carolina, \$4850, 2020
- LSA Fellowship, Linguistic Summer Institute, 2013
- Doctoral Research Fellowship, Graduate School, University of Kansas, 2013
- Midwest Speech Contest travel fund, EALC/ Confucius Institute, 2013
- Linguistics departmental travel fund, University of Kansas, 2012
- Linguistics Honors Fellowship, Linguistics Department, University of Kansas, 2010
- GLOW-in-Asia VIII student travel award, 2010
- International Signing Scholarship, Linguistics Department, University of Kansas, 2008

- The second place, The 8<sup>th</sup> summer school of the European Masters in Language & Speech, Brno University of Technology, Czech Republic, 2007
- CSTR travel fund, University of Edinburgh, 2007

### **CERTIFICATE**

American Council for Teaching Foreign Languages (ACTFL) Chinese Oral Proficiency Tester (fully certified)

### **PROFESSIONAL MEMBERSHIPS**

American Council on the Teaching of Foreign Languages  
Chinese Language Teachers Association  
Linguistic Society of America

### **CURRENT COLLABORATION**

Lexical development of L2 Chinese learners. Collaborate with Prof. Seth Wiener in the Department of Modern Languages at Carnegie Mellon University.

Dynamic syntax and pragmatics research. Collaborate with Prof. Wenshan Li in College of International Studies, Xi'an International Studies University, China.

Vietnamese speaking L2 Chinese learners' tone acquisition. Collaborate with Dr. Eric Pelzl in the Department of Psychology at Pennsylvania State University and Prof. Chunhong Qi in the College of Chinese at Yunan Normal University, China.