

Cheng Xiao

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[Curriculum Vitae, updated April 2024]

Education

- 2019-present **Ph.D. in Linguistics**
University of South Carolina, United States.
Dissertation: *The processing of emotional prosody and semantics in Mandarin Chinese words and sentences*
Committee: Jiang Liu, Rutvik Desai (co-chairs), Amit Almor, Svetlana Shinkareva
- 2013-2016 **M.A. in Linguistics and applied linguistics**
Wuhan University, China.
Thesis: *The noun acquisition disorders and rehabilitation of children with autism spectrum disorder in Mandarin Chinese*
- 2009-2013 **B.A. in Humanities**
- 2010-2013 **B.Ec. in Finance**
Wuhan University, China.

Academic Appointments

- 2023-present Graduate Research Assistant, Desai Lab, Department of Psychology, University of South Carolina
- 2022-2023 Graduate Teaching Assistant (**Instructor of Record**), Linguistics Program, University of South Carolina
- 2021, 2022 Graduate Research Assistant (summer), Linguistics Program, University of South Carolina
- 2019-2022 Graduate Teaching Assistant (**Instructor of Record**), Chinese Program, Department of Languages, Literatures and Cultures, University of South Carolina

Grants

- 2023-2025 **National Science Foundation Doctoral Dissertation Research Improvement Grant (Ling-DDRIG)**, BCS-2234914 (*Doctoral Dissertation Research: The semantic effect on the processing of emotional prosody in a tone language: A neurolinguistic study*, co-PI; PI: Jiang Liu; co-PI: Rutvik Desai), National Science Foundation, USD 17,780.
- 2022-2023 **University of South Carolina SPARC Graduate Research Grant**, Proposal # 120700-22-59283 (*Bridging meaning and sound: The effects of semantics on emotional prosody processing in Mandarin Chinese words and sentences*, PI; mentors: Jiang Liu, Rutvik Desai), University of South Carolina, USD 4,938.
- 2020-2021 **Graduate Teaching Resource Development Grant** (for course enrichment of CHIN121: Elementary Mandarin Chinese), University of South Carolina, USD 400.
- 2020-2021 **Graduate Teaching Resource Development Grant** (for course enrichment of CHIN321: Advance Mandarin Chinese), University of South Carolina, USD 400.

Publications

- Xiao, C.**, Arheix-Parras, S., Desai, R.H. (*in preparation*). Semantic neighborhood effects with anterior temporal lobe stimulation.
- Xiao, C.**, Liu, J., Shinkareva, S., Yang, X., Desai, R.H. (*in preparation*). Knowing is feeling: The role of semantic valence in emotional prosody perception for L2 Chinese learners. <https://doi.org/10.17605/OSF.IO/7JTWX>
- Xiao, C.**, & Liu, J. (*in revision*). Semantic effects on the perception of emotional prosody in native and non-native Chinese speakers.
- Xiao, C.**, & Liu, J. (*in revision*). The perception of emotional prosody in Mandarin Chinese words and sentences.
- Wang, B. X., Chen, S., Zhou, F., Liu, J., **Xiao, C.**, Chan, A., & Tang, T. (2024). English prosodic focus marking by Cantonese trilingual children with and without autism spectrum disorder. *Journal of Speech, Language, and Hearing Research*, 67(3), 782-801. https://doi.org/10.1044/2023_JSLHR-23-00508
- Liu, J., & **Xiao, C.** (2021). Tone category learning should serve tone word learning: an experiment of integrating pronunciation teaching in L2 Chinese curriculum. In Edited Volume *The acquisition of Chinese as a second language pronunciation: Segments and prosody*. Edited by Yang, Chunsheng: Springer. http://doi.org/10.1007/978-981-15-3809-4_6

Other Publications

- Wang, B. X., Chen, S., Zhou, F., Liu, J., **Xiao, C.**, & Chan, A. (2023). Declarative or declarative question? —On the acoustics of English prosody of Hong Kong trilingual children with autism spectrum disorder. *The Journal of the Acoustical Society of America*, 153(3_supplement), A289-A289. <https://doi.org/10.1121/10.0018879>
- Luo, H., Zhao, S., Luo, J., Tan, Xin., Ruan, G., Chen, Y., ..., **Xiao, C.**, ..., & Zhu, Y. (2018). *Comprehensive Dictionary of Chinese Poetry Rhythms*. Zhonghua Book Company. ISBN 978-7101129779. (in Chinese)
- Tang, C., Luo, X., Zhan, Y., Li, H., Mo, Y., Zhang, Wen., Sun, D., Zhang, Xue., Liu, Y., **Xiao, C.**, Yuan, Yu., & Xin, Wen. (2017). *Chinese Characters and Calligraphy* (Guangdong province calligraphy textbook series, Book 3). Guangdong Education Publishing House. ISBN 978-7554815625. (in Chinese)
- Tang, C., Luo, X., Zhan, Y., Li, H., Mo, Y., Zhang, Wen., Sun, D., Zhang, Xue., Liu, Y., **Xiao, C.**, Yuan, Yu., & Xin, Wen. (2017). *Chinese Characters and Calligraphy* (Guangdong province calligraphy textbook series, Book 4). Guangdong Education Publishing House. ISBN 978-7554815632. (in Chinese)
- Xiao, C.** (2017). The language acquisition strategy for children with ASD. *Journal of Curriculum and Instruction*, 10, 35-37. (in Chinese)

Invited Talks

- 2024 The perception of emotional prosody in L2 Chinese learners, special session on second language acquisition at *the Linguistics Conference at the University of Georgia* (LCUGA 2024), Athens, GA, February 17.

Presentations

- 2024 The perception of emotional prosody in novice and advanced L2 Chinese learners, *37th Annual Human Sentence Processing Conference (HSP 37)*, Ann Arbor, MI, May 16-18.
- 2024 Knowing is feeling: The role of semantic valence in emotional prosody perception for L2 Chinese learners, *2024 GSLING Student Research Symposium at the University of South Carolina*, Columbia, SC, April 13.
- 2023 Semantic effects on the perception of emotional prosody in Mandarin Chinese: facilitation for L1 speakers versus interference for L2 learners, *48th Boston University Conference on Language Development (BUCLD 48)*, Boston, MA, November 4.
- 2023 The emotional prosody perception of native speakers and L2 learners: an examination of semantic congruence effect, *Florida Psycholinguistics Meeting 2023 (FPM 2023)*, Gainesville, FL, Oct 21.
- 2023 *What you say vs. How you say it*: The semantic effect on the perception of emotional prosody in Mandarin Chinese words and sentence, *Discover USC 2023 at the University of South Carolina*, Columbia, SC, April 21.
- 2023 The semantic effect on the perception of emotional prosody in Mandarin Chinese, *2023 GSLING Student Research Symposium at the University of South Carolina*, Columbia, SC, April 8.
- 2023 The semantic effect on the perception of emotional prosody in Mandarin Chinese words and sentences, *Conference of the Institute for Mind and Brain at the University of South Carolina 2023*, Columbia, SC, March 17.
- 2023 Bridging sound and meaning: The semantic effect on the perception of emotional prosody in Mandarin Chinese, *36th Annual Human Sentence Processing Conference (HSP 36)*, Pittsburgh, PA, March 10.
- 2022 The perception of emotional prosody in Mandarin Chinese words and sentences, *2022 GSLING Student Research Symposium at the University of South Carolina*, Columbia, SC, March 18.
- 2022 The perception of emotional prosody in Mandarin Chinese, *96th Annual Meeting of the Linguistic Society of America (LSA 96)*, Washington, DC, January 8.
- 2021 The effect of language experience on the perception of emotional prosody in Mandarin Chinese, *1st International Conference on Tone and Intonation*, Sonderborg, Denmark, December 8.
- 2018 The mini-corpus analysis of the language of the autistic children, *4th Corpus Linguistics Conference in China*, Wuhan, China, June 2.
- 2018 Inquiry into the language acquisition of the autistic children, *1st Neurolinguistics Conference in China*, Xuzhou, China, July 1.

Teaching Experience

Instructor of Record, Linguistics Program, University of South Carolina

Spring 2023	LING 301/ENGL 389: The English Language
Fall 2022	LING 101: Introduction to Language

Instructor of Record, Department of Languages, Literatures and Cultures, University of South Carolina

Spring 2020	CHIN 322: Advance Mandarin Chinese II
Fall 2019	CHIN 321: Advance Mandarin Chinese I
Spring 2022	CHIN 222: Intermediate Mandarin Chinese II
Fall 2022	CHIN 221: Intermediate Mandarin Chinese I
Spring 2021	CHIN 122: Basic Proficiency Mandarin Chinese
Fall 2020	CHIN 121: Elementary Mandarin Chinese

Guest Lecturer, Linguistics Program, University of South Carolina

Spring 2023

LING 300: Introduction to Language Sciences

Tutor, International Accelerator Program, University of South Carolina

Fall 2019–Spring 2020

English as a second language (ESL) Tutor

Awards and Fellowships

- 04/2024 Linguistics Program Graduate Student Summer Research Award, University of South Carolina, USD 500.
- 03/2024 **Dr. Richard Walker Memorial Endowed Fellowship**, Walker Institute of International and Area Studies, University of South Carolina, USD 5,000.
- 01/2024 Linguistics Program Graduate Student Conference Travel Award, University of South Carolina Linguistics Program, USD 250.
- 10/2023 Linguistics Program Graduate Student Conference Travel Award, University of South Carolina USD 250.
- 09/2023 Linguistics Program Graduate Student Conference Travel Award, University of South Carolina, USD 400.
- 09/2023 Graduate Student Conference Travel Award, University of South Carolina, USD 500.
- 07/2023 **Paula Menyuk Travel Award** for the 48th Boston University Conference on Language Development (BUCLD 48), USD 385.
- 05/2023 **Discover USC Graduate Student Poster Award Winner**, University of South Carolina.
- 02/2023 **Society for Human Sentence Processing Student Travel Award (HSP 36)**, USD 400.
- 02/2023 Linguistics Program Graduate Student Conference Travel Award, University of South Carolina, USD 500.
- 01/2022 Linguistics Program Graduate Student Conference Travel Award, University of South Carolina, USD 400.
- 05/2021 Linguistics Program Graduate Student Summer Research Award, University of South Carolina, USD 600.
- 2013-2016 Outstanding Graduate Student Fellowship, Wuhan University, tuition & living expenses.
- 2011 Undergraduate Student Best Paper Award Winner, College of Chinese Language and Literature, Wuhan University.
- 2009-2013 Outstanding Undergraduate Student Award, Wuhan University, RMB 3,200.

Reviewing

Conference Discover USC 2024, Psychology and neuroscience, undergraduate section.

Service

- 2023-present Serve as a graduate fellowship peer mentor for the National Fellowship office at the University of South Carolina.
- 2024 Serve as a graduate enrichment committee member for the Linguistics Program at the University of South Carolina.
- 2023 Lead a professional development workshop on *Creating Research Posters 101* for GSLING Student Research Symposium at the University of South Carolina.

- 2020-2021 Design the Chinese prosodic-enhanced course module for the Chinese Program and Center for Teaching Excellence (CTE) at the University of South Carolina.
- 2016-2017 Compile and edit a series of Chinese calligraphy textbooks (12 books) for primary school students, all authorized by Guangdong province Department of Education, and each book sells more than 20,000 copies annually.

Research Skills

- Tools** AFNI, Audacity, E-Prime, FSL, Praat, Python, Qualtrics, R, RStudio, Unix shell
- Methods** Behavioral measures, functional magnetic resonance imaging (fMRI), high-definition transcranial direct current simulation (HD-tDCS)
- Languages** English, Mandarin Chinese (native), Xiang Chinese

Memberships

- Society for the Neurobiology of Language
Society for Human Sentence Processing
Linguistic Society of America