

Shaohua Fang

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Education

- 2018–2023 **Ph.D., Linguistics, University of Pittsburgh, Pittsburgh, PA.**
Dissertation: *Quantifier Scope in L2 Learners: Interpretation, Processing, and Acquisition*
Committee: Alan Juffs (advisor), Melinda Fricke, Yi Xu, Tessa Warren
- 2017–2018 **Doctoral Study in Linguistics, Stony Brook University, Stony Brook, NY.**
Attended for one year, then transferred to University of Pittsburgh
- 2014–2017 **M.A., Applied Linguistics, Shanghai Jiao Tong University, Shanghai, China.**
Thesis: *Acquisition of English Ditransitive Constructions by Chinese Learners of English*
- 2010–2014 **B.A. English, Ningbo University, Zhejiang, China.**
Thesis: *Teacher Research in High School and Teacher Professional Development – A case study of Zhejiang Province*

Nondegree Education & Training

- Fall 2023 - Spring 2024 **Certificate, Teaching Chinese to Speakers of Other Languages (TCSOL), Columbia University, New York, NY.**
Chinese pedagogy and guidance on foreign/second language research
- Summer 2022 **The NYI Global Institute of Cultural, Cognitive and Linguistic Studies (V-NYI5), Online.**
- Summer 2021 **International Summer School on Multilingualism, University of Greenwich, London, UK.**
Courses taken: *Discoveries of the language sciences in relation to second language acquisition (Montserrat Sanz Yagüe, Ph.D.); Living with two languages: Heritage language speakers and their parents (Laura Domínguez, Ph.D.); Input and Evidence in Bilingualism (Roumyana Slabakova, Ph.D.)*
- Summer 2019 **LSA Linguistic Institute, University of California, Davis, Davis, CA.**
Courses taken: *Constructionist Approaches (Adele Goldberg, Ph.D.); Advanced Statistics and Data Analysis (Santiago Barreda, Ph.D.); Computational Psycholinguistics (Emily Morgan, Ph.D.); Advanced Psycholinguistics (Fernanda Ferreira, Ph.D.)*
- Summer 2019 **Python for Everybody Specialization, University of Michigan, MI, USA**
- April 2019 **Data Basics Workshop on Python, Pitt, PA, USA**

Academic Appointment

- Summer 2024 - Present **Ross-Lynn Postdoctoral Fellow, Department of English, Purdue University, West Lafayette, IN.**
- Spring 2024 **Visiting Assistant Professor, Department of Linguistics, University of Illinois Urbana-Champaign, Champaign, IL.**
- Fall 2023 - Spring 2024 **CIFLTE Fellow, Teacher's College, Columbia University, New York, NY.**

Areas of Specialization

Second Language Acquisition & Processing, Morpho-syntax, Semantics, Phonology, Experimental Methods in Applied Linguistics, Quantitative Research Methodology, Instructed Second Language Acquisition, TESOL, TCSOL.

Publications

Journal Articles

- In prep **Fang, S., & Liu, X.**, Prediction and integration in native and non-native language processing: Effects of emotion.
- In prep **Fang, S., & Juffs, A.**, Interpretation and Processing of Negatively Quantified Sentences: A Bidirectional Study of Learners of English and Chinese.
- In prep **Fang, S., & Juffs, A.**, Empirical investigations on quantifier scope in Mandarin Chinese.
- To submit **Fang, S., & Han, Z.**, On the Nascency of ChatGPT in Foreign Language Teaching and Learning. In *Annual Review of Applied Linguistics*
- To submit **Fang, S., & Francis, E.**, Truth-Value Judgment Tasks in Second Language Research. In *Language and Linguistics Compass*
- Under review **Sun, H., & Fang, S.**, Syntactic or semantic? Pinning down the source of difficulty acquiring English synonyms by Chinese EFL learners across two proficiency levels, In *TESL-EJ*.
- In revision **Fang, S., & Juffs, A.**, L1 and L2 sentence comprehension of actives vs. passives: online and offline performance, .
- Accepted **Fang, S., & Wu, H.**, Experimental Investigation on Quantifier Scope in Chinese Relative Clauses. In *Linguistics Vanguard*
- 2022 **Fang, S., & Xu, Y.**, Processing and acquisition of temporality in L2 Mandarin Chinese: Effects of grammatical and lexical aspects, In *Frontiers in Psychology*.
- 2022 **Fang, S., & Wu, Z.**, Syntactic prediction in L2 learners: Evidence from English disjunction processing, In *International Review of Applied Linguistics in Language Teaching (IRAL)*.
- 2022 **Juffs, A., & Fang, S.**, A Generative approach to the instructed second language acquisition of Spanish se., In *Language Learning, 72(S1), 83-124*.
- 2022 **Sun, H., & Fang, S.**, Paired-associated second language vocabulary learning: The role of L1 translation familiarity, In *Journal of Asia TEFL, 19(1), 50-65*.
- 2021 **Sun, H., & Fang, S.**, What constitutes vocabulary learning difficulty? A class-based study of semantic relatedness and L1 familiarity effects on L2 word learning., In *Australian Journal of Applied Linguistics, 4(3), 82-102*.
- 2016 **Fang, S., & Chang, H.**, Is L1 acquisition fundamentally different from L2 acquisition? Evidence from L1 child and L2 adult acquisition of double object construction., In *Contemporary Foreign Languages Studies, 3, 90-95*.
- 2016 **Fang, S.**, On dative alternation in Chinese ditransitive constructions and its broad-range and narrow-range constraining rules., In *Journal of Huizhou University, 4, 104-109*.
- 2014 **Fang, S.**, Exploring the newly emerging words in cyberspace from memetic perspective., In *Modern Chinese, 7, 122-124*.

Conference Proceedings

- In prep **Fang, S., & Li, Y., & Cong, Y.**, Quantifier scope across languages and large language models., In *NAACL 2025 Main Conference*.
- 2020 **Fang, S., & Juffs, A.**, Offline processing of Ba- and Bei- constructions in Mandarin Chinese., In *Proceedings of the 32nd North American Conference on Chinese Linguistics (NACCL-32)*.
- 2021 **Fang, S., & Yuan, F.**, Constraints of lexical and grammatical aspect on event representations in Mandarin Chinese., In *Proceedings of 12th International Conference of Experimental Linguistics (ExLing 2021)*.
- 2021 **Fang, S., & Albasiri, E.**, Effects of syntactic and semantic predictability on sentence comprehension: A comparison between native and non-native speakers., In *Proceedings of the 43rd Annual Conference of the Cognitive Science Society*.

Book Chapters

- To submit **Fang, S.**, Assessing Individual Differences in L2 Sentence Processing through Response Time Analysis., In K.Sadeghi(Eds.),*Bridging Linguistics and Language Education: Research and Essays Honoring the Career of Alan Juffs.* .
- In press **Fang, S., & Juffs, A.**, Conducting web-based experiments in L2 psycholinguistic research., In K.Sadeghi(Eds.),*Routledge Handbook of Technological Advances in Researching Language Learning.* New York: Taylor Francis.
- In press **Fang, S.**, Structural change and L2 ambiguity resolution, In ***Selected proceedings of the 16th Generative Approaches to Second Language Acquisition Conference.***
- 2023 **Juffs, A., & Fang, S.**, Experimental methods for studying second language learners., In P. Gygas & Zufferey(Eds.),*The Routledge Handbook in Experimental Linguistics.* New York: Taylor Francis.

Book Review

- In prep **Fang, S. & He, J.**, Paired Review of McManus (2022): Crosslinguistic Influence and Second Language Learning and Grüter & Kaan (2021). Prediction in second language processing and learning. Prediction in Second Language Processing and Learning.), In ***Applied Linguistics (solicited).***
- Under review **Fang, S. & He, G.**, Paired Review of Hegde (2024): A coursebook on aphasia and other neurogenic language disorders.), In ***Applied Linguistics (solicited).***
- Under review **He, J.& Fang, S.**, Review of Ionin, Tania & Montrul, Silvina. (2023): Second Language Acquisition: Introducing Intervention Research. Cambridge University Press (2023)., In ***Studies in Second Language Learning and Teaching (solicited).***
- 2023 **Sun, H., Pae, H. K., & Fang, S.**, Review of Philip Durrant et al. (2022): Research methods in vocabulary studies, In ***Social Science Journal.***
- 2022 **Sun, H., Pae, H. K., & Fang, S.**, Review of McManus (2022): Crosslinguistic Influence and Second Language Learning, In ***System.***
- 2022 **Fang, S., & Xu, Y.**, Review of Liang (2020): Teaching Chinese in American Colleges, In ***Chinese as a Second Language.***
- 2021 **Fang, S., & Wu, Z.**, Review of Aline Godfroid, Eye Tracking in Second Language Acquisition and Bilingualism: A Research Synthesis and Methodological Guide 2019., In ***Foreign Language Teaching and Research.***

Conference Presentations & Posters

- Submitted **Fang, S.**, Processing gender stereotypes in L2 learners: evidence from a self-paced reading study, In ***AAAL.***
- 2024 **Fang, S., & Chen, Z.**, Potential of ChatGPT for L2 Chinese Grammatical Error Correction: An Evaluation., In ***The 12th International Conference and Workshops on Technology and Chinese Language Teaching.***
- 2024 **Fang, S., & Juffs, A.**, Interpreting and processing negatively quantified sentences: A bidirectional study of learners of English and Chinese., In ***17th meeting of Generative Approaches to Second Language Acquisition).***
- 2024 **Fang, S., & Wu, H.**, On the availability of inverse scope reading in Mandarin doubly-quantified relative clause., In ***The 36th North American Conference on Chinese Linguistics.***
- 2024 **Fang, S., & Juffs, A.**, Interpreting and processing negatively quantified sentences: A bidirectional study of learners of English and Chinese., In ***The 2024 Annual Conference of the Chinese Language Teachers Association.***

- 2023 **Fang, S., & Juffs, A.**, Interpretation and processing of negatively quantified sentences: A bidirectional study of learners of English and Chinese., In *The 48th Annual Boston University Conference on Language Development*. November 2-5. (Poster Presentation).
- 2022 **Fang, S., & Xu, Y.**, Processing and acquisition of events in L2 Mandarin Chinese: Roles of grammatical and lexical aspect., In *Architectures and Mechanisms for Language Processing*. September 7-9. (Poster Presentation).
- 2022 **Yuan, F., & Fang, S.**, Similarity-based interference in processing Chinese negative polarity items., In *The 34th North American Conference on Chinese Linguistics (NACCL-34)*. September 24-25. (Oral Presentation).
- 2022 **Fang, S.**, Structural change in L2 ambiguity resolution., In *16th Generative Approaches to Second Language Acquisition*. May 12-14. (Oral Presentation).
- 2022 **Fang, S.**, Structural change and L2 ambiguity resolution., In *35th Annual conference on human sentence processing*. March 24-26. (Poster Presentation).
- 2021 **Fang, S., & Juffs, A.**, Effects of verb argument structure and voice on L2 sentence processing of psych verbs., In *46th BUCLD*. Boston. November 4-7. (Poster).
- 2021 **Fang, S., & Yuan, F.**, Constraints of lexical and grammatical aspect on event representations in Mandarin Chinese., In *ExLing 2021*. Athens, Greece. October 11-13.
- 2021 **Fang, S., & He, P.**, Can L2 learners predict syntax as native speakers? Evidence from processing of English coordinate structures., In *ExLing 2021*. Athens, Greece. October 11-13.
- 2021 **Yuan, F., & Fang, S.**, Processing two negative polarity items in Chinese., In *Linguistic illusions in sentence processing*. Constance, Germany. September 13-14.
- 2021 **Fang, S., & Yuan, F.**, Constraints of lexical and grammatical aspect on event representations in Mandarin Chinese., In *Eastern Generative Grammar (EGG) Summer School 2021*. July 26 - August 06.
- 2021 **Fang, S., & Albasiri, E.**, Effects of syntactic and semantic predictability on sentence comprehension: A comparison between native and non-native speakers., In *43rd Annual Meeting of the Cognitive Science Society*. Vienna, Austria. July 26-29. (Poster).
- 2021 **Fang, S., & He, P.**, Can L2 learners predict syntax as native speakers?, In *27th Annual Graduate Linguistics, Applied Linguistics and TESOL Symposium*. ASU, Tempe. February 20.
- 2020 **Fang, S., & Juffs, A.**, The primacy of animacy for the subject grammatical function in Mandarin Chinese., In *32nd North American Conference on Chinese Linguistics (NACCL-32)*. Mansfield, CT. September 18-20.
- 2020 **Fang, S.**, Prediction in second language discourse., In *Psycholinguistics in Flanders (PiF) 2020*. Kaiserslautern, Germany. May 07-08. (Poster).

Professional Experience

- 2023-2024 **Instructor**, New York Chinese School, NY, US.
- Spring 2023 **Teaching Assistant**, Pittsburgh Chinese School, PA.
- 2019-2022 **Graduate Teaching Associate**, University of Pittsburgh, PA, US.
- 2017-2018 **Graduate Teaching Assistant**, Stony Brook University, NY, US.
- 2015-2017 **Graduate Student Instructor**, Shanghai Jiao Tong University, Shanghai, China.

Teaching Experience

- Spring 2024 **Introduction to Language Science (LING 100)**, UIUC, IL.
- Spring 2024 **Language, Mind, and Brain (LING 225)**, UIUC, IL.
- Spring 2024 **Introduction to Linguistic Structure (LING 400)**, UIUC, IL.
- Fall 2023 **General ESL/English in Practice/Test Prep Instructor**, NYGC, NY.

- Fall 2023 **Instructor for Chinese (CHIN 101)**, New York Chinese School, NY.
- Spring 2023 **Teaching Assistant for Chinese Classes**, Pittsburgh Chinese School, PA.
- Summer 2023 **Instructor for Introduction to Linguistics (Class 2)**, Pitt, PA.
- Summer 2023 **Instructor for Introduction to Linguistics (Class 1)**, Pitt, PA.
- Summer 2022 **Instructor for Introduction to Linguistics**, Pitt, PA.
- Spring 2022 **TA for Syntax (Usage-based)**, Pitt, PA.
- Spring 2022 **TA for Syntax (Generative)**, Pitt, PA.
- Fall 2021 **TA for Morphology**, Pitt, PA.
- Summer 2021 **Instructor for Introduction to Linguistics**, Pitt, PA.
- Spring 2021 **Instructor for Introduction to Linguistics**, Pitt, PA.
- Fall 2020 **Instructor for Introduction to Linguistics**, Pitt, PA.
- Spring 2020 **TA for Introduction to Linguistics**, Pitt, PA.
- Fall 2019 **TA for Introduction to Linguistics**, Pitt, PA.
- Spring 2018 **TA for Language in the USA**, Stony Brook University, NY.
- Fall 2017 **TA for Languages of the World**, Stony Brook University, NY.
- 2015-2017 **Instructor for College Comprehensive English (for international students)**, Shanghai Jiao Tong University, Shanghai, China.
- Fall 2015 **TA for English Writing**, Shanghai Jiao Tong University, Shanghai, China.
- Fall 2013 **Teaching Intern at Zhenhai High School**, Zhejiang, China.
- Summer 2013 **Volunteer Teaching at Yunhe Middle School**, Zhejiang, China.

Teacher Training

- Fall 2023 **Developing a Teaching Portfolio**, University of Pittsburgh, PA.
- Fall 2023 **Developing a Teaching Philosophy Statement**, University of Pittsburgh, PA.
- Fall 2023 **Developing a Lesson Plan**, University of Pittsburgh, PA.
- Fall 2023 **How Generative AI Could Impact Your Teaching: Strategies for Preparation and Adaptation**, Columbia University, NY.
- Fall 2023 **Inclusive Teaching: Creating an Inclusive Course Climate**, Columbia University, NY.
- Fall 2023 **Designing Learning Objectives: Backward Design and Learning Objectives**, Columbia University, NY.
- Fall 2023 **Active Learning**, Columbia University, NY.
- Fall 2023 **Assessment & Feedback**, Columbia University, NY.
- Fall 2023 **Language and Social Justice in the United States**, American Academy of Arts and Sciences.

Guest Lectures

- Fall 2024 **LING 398 Language Learning and AI**, Purdue, IN.
Cordella et al.(2024) "Connected Speech Fluency in Poststroke and Progressive Aphasia: A Scoping Review of Quantitative Approaches and Features"
- Fall 2024 **LING 398 Language Learning and AI**, Purdue, IN.
Cong (2024) "AI Language Models: An Opportunity to Enhance Language Learning"
- Spring 2024 **LING 2146 Second Language Acquisition**, Pitt, PA.
L2 Acquisition and Processing of Quantifier Scopepe
- Spring 2023 **Syntactic Theory**, Pitt, PA.
Presentation on Word Classes

- Fall 2022 **Research Methods in Applied Linguistics**, Pitt, PA.
Presentation on Research methods in doing L2 research
- Spring 2022 **Syntax**, Pitt, PA.
Presentation on Extending X-bar theory to functional categories, Identifying constituents
- Fall 2021 **Morphology**, Pitt, PA.
Presentation on Morphological productivity and mental lexicon
- Spring 2020 **Introduction to Linguistics**, Pitt, PA.
Presentation on Linguistic typology, Human sentence processing, Bilingualism
- Fall 2019 **Introduction to Linguistics**, Pitt, PA.
Presentation on Suprasegmentals

Research Projects

- 2015-2016 **Processing of Ditransitive Constructions by Second Language Learners.**
PI Dr. Hui Chang, SJTU, China.
- 2012-2014 **Chinese High School English Teachers' Participation in Academic Research.**
PI, Shaohua Fang, NBU, China.

Invited Talks

- October 2023 **Experimental Methods in L2 Psycholinguistics Research**, Teachers College, Columbia University, NY, USA.
- September 2023 **Second language research and its methods**, School of Foreign Languages Studies, Shandong University of Finance and Economics, China.
- September 2022 **Syntactic prediction in L2 learners: Evidence from English disjunction processing**, SLA Program Colloquium Series, University of Maryland, MD.
- March 2020 **Off-line processing of Ba- and Bei- constructions in Mandarin Chinese**, Department of Linguistics Colloquium Series, Pitt, PA.

Honors

- 2022-2023 **Andrew Mellon Predoctoral Fellowship**, Pitt, PA.
- 2018-2019 **Andrew Mellon Predoctoral Fellowship**, Pitt, PA.
- 2015-2016 **Guanghua Scholarship**, Shanghai Jiao Tong University, China.
- 2015-2016 **First-class Scholarship**, Shanghai Jiao Tong University, China.
- 2012-2013 **First-class Scholarship**, Ningbo University, China.

Funding

- 2023- **Key member: "Comparison and Acquisition: Quantifier scope in Mandarin and other languages," funded by International Society for Chinese Language Teaching & CLEC, Chinese Ministry of Education, led by Dr. Yang Zhao (Peking University) & Dr. Hongchen Wu (Georgia Tech).**
- 2022 – 2023 **Andrew Mellon Predoctoral Fellowship (\$25332)**, Pitt, PA.
- 2022 – 2023 **Language Learning Dissertation Grant (\$2000).**
- Summer 2022 **Dietrich School of Arts & Sciences Summer Fellowship (\$4333)**, Pitt, PA.
- Nov. 2021 **A & S GSO Travel Grant (\$200)**, Pitt, PA.
- Summer 2021 **Department of Linguistics Research & Development Fund (\$1,500)**, Pitt, PA.
- Summer 2020 **Department of Linguistics Arts & Sciences Fellowship (\$1,000)**, Pitt, PA.
- Summer 2019 **Department of Linguistics Summer Research Funding (\$2,000)**, Pitt, PA.

2018 – 2019 **Andrew Mellon Predoctoral Fellowship**, Pitt, PA.

Service

- 2023-2024 Cohort Representative, Columbia University, NY.
- 2020-2021 Graduate Student Representative, Pitt, PA.
- 2018-2021 Committee Member of Linguistics Colloquium, Pitt, PA.
 - 2016 Secretary Assistant, Symposium on English Teaching and Learning, SJTU, China.
- 2014-2016 Chair, Philosophy & Social Science Committee under Student Science & Technology, SJTU, China.
- 2012-2013 President of Association of Charity and Service, NBU, China.

Ad hoc Manuscript Reviewer

- 2024 Review paper for *Psychological Research: An International Journal of Perception, Attention, Memory, and Action* (1 paper)
- 2024 Review paper for *Journal of Psycholinguistic Research* (1 paper)
- 2024 Review paper for *Journal of Technology and Chinese Language Teaching* (1 paper)
- 2024 Review paper for *Frontiers in Human Neuroscience* (1 paper)
- 2024 Review paper for *AMLaP 2024* (6 papers)
- 2024 Review paper for *Journal of Child Language* (1 paper)
- 2024 Review paper for *CogSci 45* (1 paper)
- 2023 Review paper for *GASLA16 Proceedings in the series **Language Acquisition and Language Disorders (LALD)*** (1)
- 2023 Review paper for *CogSci 44* (3 papers)
- 2023 Review paper for *Frontiers in Psychology* (1 paper)
- 2022 Review paper for *Revista Signos* (1 paper)
- 2022 Review paper for *Frontiers in Psychology* (1 paper)
- 2022 Review paper for *CogSci 44* (6 papers)
- 2022 Review submission for *The 8th Annual Language, Linguistics, and Life Virtual Conference Diversity, Equity, and Inclusion*, Temple University (5 papers)
- 2021 Review paper for *CogSci 43* (2 papers)

Undergraduate Advising

- Spring 2022 Emily Martin & Qing Ma, Quantifier scope in L2, Pitt, PA.
- Fall 2019 Shuyun Lu, off-line processing of Chinese, Pitt, PA.
- Spring 2020 Wuyue Liang, off-line processing of Chinese, Pitt, PA.

Membership

- 2020- Linguistic Society of America
- 2021- American Association for Applied Linguistics
- 2021- Cognitive Science Society
- 2021- The Chinese Language Teachers Association (CLTA)

Computer Skills

Programming R, Python, SPSS, HTML, Javascript, \LaTeX

Languages

Languages **Mandarin Chinese** (Native), **English** (Fluent), **Japanese** (Beginner)