

# Liang Zhao

Department of Language and Linguistic Science (LLS)

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## EDUCATION

2019 – present      University of York, UK (expected submission in March 2023)

PhD in Linguistics

Advisors: Prof. Eleanor Chodroff, Prof. Paul Foulkes

Doctoral project: The production and perception of the Mandarin dialect tone systems

Research areas: acoustic phonetics, corpus phonetics, tone perception, speech adaptation

2016 – 2017      University College London, UK

MA in Linguistics (with Distinction)

Advisor: Prof. Yi Xu

Dissertation: *The Neglected Tone in Chinese Word Recognition --An Account of Frequency Effect on Lexical Access*

2012 – 2016      Jiangnan University, China

BA in English Language and Literature (with Honors; GPA 3.95/4; ranked 1/149)

Advisor: Prof. Minfen Yan

Dissertation: *A Corpus-Based Study on Chinese EFL Learners' Use of MV-Around Constructions*

Award: The First Prize for the Final Project of Bachelor's Degree in Jiangsu Province

Member of the Honors School of Jiangnan University

## PRESENTATIONS & TALKS

2023      **Zhao, L.** and Chodroff, E. (June 2023). Rapid adaptation to unfamiliar lexical tone systems: the effects of dialect and explicit exposure. To present at Phonetics and Phonology in Europe Conference (PaPE 2023). Nijmegen, Netherlands.

2023      **Zhao, L.** (Feb 2023). The Production and Perception of Mandarin Dialect Tone Systems. Invited talk at the Department of Language Studies, Hunan University, China (virtual)

2022      **Zhao, L.** (July 2022). Hybrid processing of familiar and unfamiliar tone systems of Mandarin dialects. Invited talk at Institute of Phonetic Science (IPS), Ludwig Maximilian University of Munich, Germany. (virtual)

2022      **Zhao, L.** and Chodroff, E. (June 2022). The ManDi Corpus: A Spoken Corpus of Mandarin Regional Dialects. Poster at Language Evaluation and Resources (LREC 2022). Marseille, France.

- 2022 **Zhao, L.**, Sloggett, S., Chodroff, E. (May 2022). Top-down and bottom-up processing of familiar and unfamiliar Mandarin dialect tone systems. Poster at Speech Prosody 2022. Lisbon, Portugal.
- 2022 **Zhao, L.** and Chodroff, E. (April 2022). Rapid adaptation to unfamiliar Mandarin dialect tone systems: Evidence from bottom-up tone processing. Talk at the Colloquium of the British Association of Academic Phoneticians (BAAP 2022). York, UK. (virtual)
- 2021 **Zhao, L.** and Chodroff, E. (September 2021). Integrated top-down and bottom-up processing in the perception of non-native tone system. Talk at the 7<sup>th</sup> Postgraduate Academic Researchers in Linguistics at York conference (PARLAY 2021). (virtual)
- 2020 **Zhao, L.**, Harrison, P., Foulkes, P., Chodroff, E. (December 2020). One million km2: Broad coverage of Mandarin Chinese dialects using smartphone technology. Talk at Australian Linguistic Society (ASL) workshop. (virtual)

### Lab presentations

- 2022 Zhao, L. Processing reaction time data from the *Gorilla* Experiment Builder in R  
PhD Stats Group meeting at LLS, University of York, 27/January/2022
- 2021 Zhao, L. Hybrid processing of unfamiliar tone system  
Experimental Lab meeting at LLS, University of York, 15/November/2021
- 2020 Zhao, L. Remote speech data collection using smartphone recording applications  
Experimental Lab meeting at LLS, University of York, 28/November/2020

### PUBLICATIONS

#### In prep

Zhao, L. & Chodroff, E. The acoustic-phonetic realization of lexical tone categories across the six Mandarin dialects – Beijing, Chengdu, Jinan, Taiyuan, Wuhan and Xi'an Mandarin. In preparation.

Zhao, L., Sloggett, S. & Chodroff, E. The Effect of Exposure on the Adaptation to Unfamiliar Mandarin Dialect Tone Systems. Draft prepared for submission.

#### Under review

**Zhao, L.**, Sloggett, S. & Chodroff, E. (2023). Conditions on Adaptation to an Unfamiliar Lexical Tone System: The Role of Quantity and Quality of Exposure. Submitted to International Congress of Phonetic Science (ICPhS 2023). [\[preprint\]](#)

Hou, X.Z., **Zhao, L.** & Chodroff, E. (2023). Intermingling Tone Systems: The Relationship of Nanning Mandarin to Nanning Cantonese and Standard Mandarin. Submitted to International Congress of Phonetic Science (ICPhS 2023).

**Zhao, L.** and Chodroff, E. (2022). The ManDi Corpus: A Spoken Corpus of Mandarin Regional Dialects. *Proceedings of the 13th Conference on Language Resources and Evaluation (LREC 2022)*, 1985–1990. [\[PDF\]](#)

**Zhao, L.**, Sloggett, S., Chodroff, E. (2022). Top-Down and Bottom-up Processing of Familiar and Unfamiliar Mandarin Dialect Tone Systems. *Proceedings of Speech Prosody 2022*, 842-846, doi: 10.21437/SpeechProsody. 2022-171. [\[PDF\]](#)

*For the undergraduate literature project:*

**Zhao, L.** (2015). The Structure of Space in *Amsterdam* by Ian McEwan, *Overseas English*, 2015 (20). ISSN1009-5039.

*For the National & Jiangsu Provincial Innovation and Research Training Programs for Undergraduate Students (China), supervised by Prof. Xiaobin Gong, Jiangnan University:*

Zhu, L.D., Zhong, W.X, **Zhao, L.**, Li, H. & He, Y.N. (2015). The Problems and Solutions of Talent Cultivation in Undergraduate Education - The Case Study of Jiangnan University. *Northern Literature*, 000(004), 196-200. (in Chinese).

Zhong, W.X, Zhu, L.D., **Zhao, L.**, Li, J.P. & Shi, J.L. (2015). The Problems and Solutions of English Language Majors in Universities in Jiangsu. *Overseas English*, (13), 4. (in Chinese).

## Book chapters

**Zhao, L** & Yang, F.Z. (2021). “Overall Introduction” & “Reading Comprehension” Chapters. The Series of Guidebooks on the National Entrance Exam for Graduate School: Secrets of the English Test. Offcn English Research Unit. World Publishing Corporation, Beijing.

## TEACHING

### Graduate Teaching Assistantship

2023 Spring & Summer	<i>Intermediate Phonetics and Phonology</i> (Module convener: Dr. Thomas Kettig) GTA at the LLS, University of York Involved in leading lab practical sessions and marking
2022 Spring & Summer	<i>Intermediate Phonetics and Phonology</i> (Module convener: Dr. Eleanor Chodroff) GTA at the LLS, University of York Involved in leading lab practical sessions and marking
2021-2022 Full Year	<i>Introduction to Phonetics and Phonology</i> (Module convener: Dr. George Bailey) GTA at the LLS, University of York Involved in leading seminars and marking
2020-2021	<i>Introduction to Phonetics and Phonology</i> (Module convener: Dr. George Bailey)

Full Year                      GTA at the LLS, University of York  
Involved in leading seminars and marking

### **Mentorship**

2020 – 2021                      Part-time mentoring in phonetics, phonology, experimental methods in linguistics  
ViaX Education, Beijing (remote)  
Involved in co-supervising undergraduate research projects

### **Former Employment**

2018 – 2019                      *Fundamentals in Linguistics* (as the instructor)  
*How to Survive Graduate School Interviews?* (as the instructor)  
During full-time employment as the curriculum developer at *Offcn Education & Technology Co.,Ltd* (Beijing Headquarter)

2016 – 2017                      *Reading and Writing in Academic IELTS* (as the instructor and group leader)  
During part-time employment at *Global IELTS*

### **Undergraduate Teaching Assistantship**

2016                                  Lab assistant at Department of Language Studies, Hebei University of Architecture  
Summer                              Involved in organizing lab workshops and drafting reports

2014 – 2016                      Student mentor for BA in English Language & Literature, Jiangnan University

2014                                  Teaching assistant for *Conversational English Summer School* held by Zhishan Honors School, Jiangnan University

## **PROFESSIONAL SERVICE**

### **Student Membership**

2021 –                              International Phonetics Association  
2021 –                              Association for Laboratory Phonology

### **Conference reviewing**

2023                                  International Congress of Phonetic Science (ICPhS)  
2023                                  The Centre for Research in Language Learning and Use (CRoLLU) PGR conference

## **AWARDS, GRANTS & SCHOLARSHIP**

2022                                  IPA Student Award, IPA  
2022                                  Student Travel Grant, Speech Prosody Organizing Committee  
2022                                  Departmental Postgraduate Student Travel Grant, University of York  
2021                                  University Internal Research Funding, University of York

2015 – 2016	National Scholarship, twice awarded, Ministry of Education, China
2016	Dexin Enterprise Joint Scholarship for Academic Excellence
2016	Outstanding Student Award (Equivalent to Sanhao Student Award), Jiangsu Province
2015	Outstanding Student Award, Wuxi City
2013 – 2015	Outstanding Student Award, Jiangnan University, twice awarded
2013 – 2016	The First Prize Scholarship of Jiangnan University, three times awarded

## INTERNSHIP & ACTIVITIES

2022 Sep.	Student volunteer for <i>AMLaP 2022</i> (Architectures and Mechanisms for Language Processing) at York, UK
2022 Jun. – Jul.	Student volunteer for <i>ACTL</i> (Advanced Core Training in Linguistics) summer school, University of York
2020 full year	Student mentor for the Postgraduate Buddying Scheme, University of York
2015 summer	English Editor for <i>China Daily</i> Wuxi Sub-branch,
2014 summer	English interpreter for <i>Wuxi Charity Gala</i> and related events
2014 winter	Piano accompanist for <i>New Year Night</i> , Dept. of Foreign Studies, Jiangnan University
2013 summer	Volunteer teacher of English writing in Baoshan Primary School in Yulong, China

## CERTIFICATES

Certificate for Music Performance (Piano) - Grade 10, issued by *Chinese Musicians' Association*

IELTS - Overall Band: 8 (Listening: 8.5, Reading: 9, Writing: 7, Speaking: 7; test taken in 2015)

Shanghai English-Chinese Interpretation Accreditation (written translation) - Advanced level

Standard Mandarin Proficiency Test Certificate - Upper level, Grade A

Test for English Majors (TEM4 & TEM8, China) - Grade: "Excellent"

## LANGUAGES

Standard Mandarin (native), English (fluent), French (basic)

## TOOLS

Praat, Gorilla, Qualtrics, Prolific, Montreal Forced Aligner, ELAN

## **SCRIPTING**

Praat, R, R Markdown

HTML/CSS (beginner)