Yiling Huo 霍怡伶 ✉ ⊕ ◯ in

Core Technical Skills

Experimental Methods: electroencephalography (EEG), eye-tracking (visual world, reading), behavioural experiments (laboratory and online)

Data Analysis: Linear and genaralised linear models, Bayesian linear and generalised linear models, bootstrapping

Programming & Analysis Languages: Python, R, JavaScript, HTML/CSS

ML & DL frameworks: PyTorch

Work

Academic

2022 – 2025	PhD Researcher, University College London
2022 – 2025	Post-Graduate Teaching Assistant, University College London
2019 – 2020	Research Assistant, Psychology and Cognitive Neurosciences, East China Normal University

Industry

2021 – 2025	Research Mentor (Freelance), Beijing Yuzhiyue Education Consulting Co., Ltd.
2018 –	Translator (Freelance)

Education

2022 – 2025	PhD Psycholinguistics, University College London	Thesis passed with no corrections
2018 – 2019	MSc Language Sciences , University College London	GPA 73.6/100
2014 – 2018	BA French Language and Literature, Beijing Foreign Studies University	GPA 3.89/4

Extracurricular Training

2025	Advanced Core Training in Linguistics (ACTL), University of York, York, UK
2023	Introduction to Bayesian data analysis, The Seventh Summer School on statistical Methods for Linguistics and Psychology (SMLP), Potsdam, Germany
2022	Advanced Core Training in Linguistics (ACTL), University of York, York, UK

Event Organisation

2024 – 2025	UCL Linguistics Short Courses 24/25, Organizer
2023 – 2024	UCL Linguistics Autumn School 2023, Co-organizer

Publications and Presentations

Journal articles

Huo, Y. & Chow, W.Y. (in submission) Listeners do not use Mandarin Chinese tone sandhi to predict upcoming words: a visual world eye-tracking study. *Language, Cognition, and Neuroscience*.

PhD thesis

Huo, Y. (2025) *Phonology in language prediction: the role of lexical tones and tone sandhi in Mandarin Chinese*. PhD thesis, University College London.

Manuscripts

Huo, Y., Chen, K., & Chow, W.Y. (in prep.) Co-registration of mouse cursor and eye movements reveals comparable sensitivity of mouse and eye-tracking to prediction during language comprehension. Target journal: *Behavior Research Methods*.

Huo, Y. & Chow, W.Y. (in prep.) No evidence for specific tonal predictions in Mandarin Chinese. Target journal: *Glossa Psycholinguistics*.

Huo, Y. & Chow, W.Y. (in prep.) Tone sandhi cues facilitate lexical retrieval: evidence from the visual world. Target journal: *Journal of Psycholinguistic Research*.

Translations

Heimburger, F., Maury, M., & Mazurie, J-C. (in press) 我的糖尿病生活 *[Ma vie en diabète / My Diabetes Life]* (Y. Huo, Trans.) The People's Health Press Co., Ltd, Beijing, China. (Original work published 2024).

Joly, L. & Bottemanne, H. (in press) 女性抑郁：揭秘、理解与治愈 *[La depression au féminin: Démystifier, comprendre, guérir / Female Depression: Demystify, Understand, Heal]* (Y. Huo, Trans.) The People's Health Press Co., Ltd, Beijing, China. (Original work published 2024).

Camus, A. (1948). 围城状态 *[L'État de siège / The State of Siege]* [Stage play] (E. Demarcy-Mota, Dir.; Y. Huo, Trans.). Performed by La Troupe du Théâtre de la Ville-Paris, Beijing Tianqiao Performing Arts Center, Beijing, China, 2018.

Invited Talks

Huo, Y. (2023) *Limited involvement of Mandarin Chinese tone sandhi in prediction during language comprehension.* Symposium: Tone and prediction in language. 17 Nov. 2023, Lund University, Lund, Sweden.

Conference Presentations

Huo, Y., Lu, E., Ning, Y., & Chow, W.Y. (2025) *Listeners do not use Mandarin tone sandhi to make lexical predictions: evidence from printed-word visual world paradigm.* Poster presented at the 38th Annual Conference on Human Sentence Processing (HSP 2025), the University of Maryland, College Park, MA. Abstract Poster

Huo, Y., Lu, E., Ning, Y., & Chow, W.Y. (2025) *Mandarin Chinese tone sandhi modulates sentence completions (to a limited extent).* Poster presented at the 38th Annual Conference on Human Sentence Processing (HSP 2025), the University of Maryland, College Park, MA. Abstract Poster

Huo, Y., Lan, X., Yuan, X., & Chow, W.Y. (2024) *Prediction during language comprehension may be under strategic control: evidence from eye movements.* Poster presented at AMLaP 2024 - Architectures and Mechanisms of Language Processing 2024, University of Edinburgh, Edinburgh, UK. Poster

Huo, Y., & Chow, W.Y. (2024) *Gap between comprehenders' linguistic knowledge and their ability to make predictions: evidence from Mandarin Chinese tone sandhi.* Poster presented at LingO 2024: Oxford Postgraduate Conference in Linguistics, Jesus College, Oxford, UK. Poster

Huo, Y., Hsu, Y.C., & Chow, W.Y. (2024) *Limited impact of phonological information on listeners' expectations: sentence completion evidence from Mandarin Chinese tone sandhi.* Poster presented at HSP 2024: 37th Annual Conference on Human Sentence Processing, University of Michigan, Ann Arbor, MI, USA. OSF

Chen, K., Huo, Y., Xu, J., Wang, Z., Xia, F., & Chow, W.Y. (2024) *Co-registration of mouse cursor and eye movements reveals comparable sensitivity of mouse and eye-tracking to prediction during language comprehension.* Poster presented at HSP 2024: 37th Annual Conference on Human Sentence Processing, University of Michigan, Ann Arbor, MI, USA. OSF

Huo, Y., Wang, S., & Chow, W.Y. (2023) *Task modulates predictive behaviour in constraining context: Eye-tracking evidence from a prediction error study.* Poster presented at LingCologne2023: Prediction in Language, University of Cologne, Cologne, Germany. Abstract Poster

Huo, Y., Wang, S., & Chow, W.Y. (2023) *Do listeners detect prediction errors in lexical tone? An investigation with tone sandhi in Mandarin Chinese shows unexpected prediction inhibition.* Poster presented at the 36th Annual Conference on Human Sentence Processing, University of Pittsburgh, PA, USA. Abstract Poster

Huo, Y. & Chow, W.Y. (2022) *An investigation into listeners' selective failure to use phonological knowledge in language prediction.* Poster presented at the Architectures and Mechanisms of Language Processing (AMLaP) 2022, University of York, York, UK. Abstract Poster

Huo, Y. & Chow, W.Y. (2022) *An investigation into listener's selective failure to use phonological knowledge in language prediction.* Poster presented at the 35th Annual Conference on Human Sentence Processing, University of California Santa Cruz, CA, USA. Abstract Poster

Chow, W.Y., & Huo, Y. (2020) *Listeners can use tone information to predict: Evidence from Mandarin Chinese.* Poster presented at the 33rd annual CUNY Human Sentence Processing Conference, University of Massachusetts Amherst, MA, USA. OSF

Teaching

Regular Modules and Short Courses

(2024). <u>The Eye-tracking Method and its Application in Language Research</u>, UCL Linguistics Short Courses 24/25, UCL.

(2023). <u>Introduction to the Eye-tracking Method and its Application in Language Research</u>, UCL Linguistics Autumn School 2023, UCL.

(2022, 2024). <u>PLINSTAT Introduction to Statistics for Linguists using R</u>, UCL.

(2017 - 2018). French as a second foreign language, the Department of Chinese Language and Literature, Beijing Foreign Studies University.

Guest Lectures

(2024). Introduction to Event-Related Potentials (ERPs) in Language Research, PALS 0001 Introduction to the Brain and Imaging the Brain, UCL.

(2024). Week 7 Prediction & Week 8 Dependencies , PLIN0033 Psycholinguistics: General Processing, UCL.

Teaching Assistant

(2024, 2025). PLIN0033 Psycholinguistics: General Processing, UCL.

(2023, 2024). PALS0001 Introduction to the Brain and Imaging the Brain, UCL.

(2023, 2024). PLIN0038 Neurolinguistics, UCL.

Student Supervision (with PI Dr. Wing-Yee Chow)

MSc Language Sciences, UCL

Tong Li. (2023 – 2024). The mass/count distinction in language prediction in English – an EEG study.

MA Linguistics, UCL

Wenjing Chen. (2024 – 2025). Using printed words in the visual world eye-tracking paradigm.

Qingru Jia. (2024 – 2025). Using printed words in the visual world eye-tracking paradigm.

Kaiyi Wang. (2024 – 2025). The role of Mandarin T3 sandhi in real-time predictions.

Ziqian Wang. (2024 – 2025). The role of Mandarin T3 sandhi in real-time predictions.

Linman Zhao. (2024 – 2025). Using printed words in the visual world eye-tracking paradigm.

Hailin Zhu. (2024 – 2025). The role of Mandarin T3 sandhi in real-time predictions.

Xuechen Lan. (2023 – 2024). Task effects in language prediction.

Effie Lu. (2023 – 2024). The role of Mandarin Chinese tone sandhi in prediction and word predictability.

Yiming Ning. (2023 – 2024). The role of Mandarin Chinese tone sandhi in prediction and word predictability.

Xiang Yuan. (2023 – 2024). Task effects in language prediction.

Yi-Chen Hsu. (2022 – 2023). The effect of Mandarin Chinese tone sandhi on word predictability.

BSc Psychology and Language Sciences, UCL

Ruochen Fan. (2024 – 2025). Comprehenders' usage of different predictive cues in language prediction.

Youyang Huang. (2024 – 2025). Comprehenders' usage of different predictive cues in language prediction.

Weiyue Zhang. (2024 – 2025). Comprehenders' usage of different predictive cues in language prediction.

Naz Kabalak. (2022 – 2023). Mandarin Chinese tone sandhi as an input to predictions.

Ruoning Meng. (2022 – 2023). Mandarin Chinese tone sandhi as an input to predictions.

Awards

Year	
2024	Best student poster award, AMLaP 2024 - Architectures and Mechanisms of Language Processing 2024, University of Edinburgh, Edinburgh, UK.
2020	China Scholarship Council Research Excellence Scholarship, University of Cardiff, Cardiff, UK.
2016	First degree studentship, Beijing Foreign Studies University
2015	Second degree studentship, Beijing Foreign Studies University