

JIUZHOU HAO 郝九州

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ACADEMIC POSITIONS

Postdoctoral Research Fellow

October 2022-

in Psycho/Neurolinguistics and Neuro-cognition of Bi/Multilingualism

UiT the Arctic University of Norway, Tromsø, Norway

EDUCATION

Doctor of Philosophy (PhD) in Linguistics and English Language

August 2022

University of Edinburgh, Edinburgh, United Kingdom

Keywords: Developmental Psycholinguistics; Heritage Language Bilingualism; Developmental Language Disorders; Priming; Processing

Master of Science (MSc) in Linguistics (*graduated with distinction*)

July 2019

University of Edinburgh, Edinburgh, United Kingdom

Bachelor of Art (BA) in English Language (*graduated with distinction*)

July 2018

Xi'an International Studies University, Xi'an, China

ACCREDITATION

Associate Fellow of British Higher Education Academy

24/05/2022

Fellowship reference PR241929

TEACHING EXPERIENCE

Undergraduate teaching

- **Tutor** Linguistics and English Language 1A, University of Edinburgh 2019/20
- **Tutor** Linguistics and English Language 1B, University of Edinburgh 2019/20, 2021/22
- **Tutor** Cross-Linguistic Variation: Limits and Theories, University of Edinburgh 2021/22
- **Tutor** Second Language Acquisition (Honour), University of Edinburgh 2021/22
- **Tutor** Child Bilingualism: Language and Cognition (Honour), University of Edinburgh 2019/20
- **Tutor** PPLS Writing Centre, University of Edinburgh 2019/20
- **Tutor** PPLS Skill Centre, University of Edinburgh 2021/22
- **Lecturer** Second Language Acquisition, UiT The Arctic University of Norway 2023/24

Postgraduate teaching

- **Tutor** PPLS Writing Centre, University of Edinburgh 2019/20
- **Tutor** PPLS Skill Centre, University of Edinburgh 2021/22
- **Lecturer** Psycholinguistics and Neurocognition of Multilingualism, UiT The Arctic University of Norway 2023/24

ONGOING RESEARCH PROJECTS

Project lead

Predictive processing in Mandarin L1 and L2: A conceptual replication of Grüter et al. (2020)

Grant: The Heritage-bilingual Linguistic Proficiency in their Native Grammar (HeLPiNG)

Funder: Tromsø Forskningsstiftelse (Tromsø Research Foundation) (2019-2023)

PI: Prof. Jason Rothman

CIs: Dr Maki Kubota, Dr Fatih Byram, Dr Jorge Gonzalez Alonso, Prof. Theres Grüter

Publication in preparation: Hao, J., Kubota, M., Bayram, F., Gonzalez A. J., Gruter, T., & Rothman, J. (Data collection ongoing). Predictive processing in Mandarin L1 and L2: A conceptual replication of Grüter et al. (2020) using WebGazer.

Co-investigator

Cross-Linguistic Influence of Competing Knowledge: Comparative Morphosyntactic Variations in Heritage Language Development

Grant: Marie Skłodowska-Curie actions

Funder: European Union

PIs: Dr Khadij Gharibi

CIs: Prof. Jason Rothman

Publication in preparation: Gharibi, K., Hao, J., & Rothman, J. (First Draft). Online and offline pronoun resolutions in Farsi as a heritage language: Pro-drop and direction.

Co-investigator

MultiLingual Minds and Neurocognitive Adaptations

Grant: AcqVA Aurora

Funder: UiT Aurora Centre

PIs: Prof. Jason Rothman, Dr Vicent DeLuca

CIs: Dr Toms Voits

Publication in preparation: Voits, T., Hao, J., DeLuca, V., & Rothman, J. (Data collection completed). Bilingualism and age-related effects on electrophysiological correlates of episodic memory retrieval.

Co-investigator

Narrative skills in Deaf or Hard-of-Hearing Speakers of Taiwan Mandarin

Grant: Disability and Linguistic Variation among Deaf or Hard-of-Hearing Speakers of Taiwan Mandarin

Funder: Ministry of Education

Co-PI: Dr Tsung-Lun Alan Wan

PUBLICATIONS

Peer-reviewed Journal Article

Published

- Hao, J., Chondrogianni, V. & Sturt, P. (2023). Heritage language development and processing: Non-canonical word orders in Mandarin–English child heritage speakers. *Bilingualism: Language and Cognition*, 1-16. doi:10.1017/S1366728923000639
- Rothman, J., Bayram, F., DeLuca, V., Di Pisa, G., Duñabetia, J.A., Gharibi, K., Hao, J., Kolb, N., Kubota, M., Kupisch, T., Laméris, T., Luque1, A., Osch, B.V., Soares, S.M.P., Prystauka, Y., Tat, D., Voits, T. & Wulff, S. (2022). Monolingual comparative normativity in (heritage language) empirical bilingualism research is out of “control”: Arguments and alternatives. *Applied Psycholinguistics*, 1-14. doi:10.1017/S0142716422000315
- Hao, J. (2022). The development and processing of non-canonical word orders in Mandarin-speaking children. *PhD Dissertation*. University of Edinburgh, <https://doi.org/10.7488/ERA/2601>

- Hao, J. & Chondrogianni, V. (2021). Comprehension and Production of Non-Canonical Word Orders in Mandarin-Speaking Child Heritage Speakers. *Linguistic Approaches to Bilingualism*, <https://doi.org/10.1075/lab.20096.hao>.
- Hao, J. (2018) A Study on Neologisms in Business English from a Lexeme Formation Perspective. *Journal of Xi'an International Studies University* 18: 242-263

Under Review/Revision

- Hao, J., Chondrogianni, V. & Sturt, P. (Revision 2 Under Review). Non-canonical structures in Mandarin-speaking children with Developmental Language Disorder. *Journal of Speech, Language, and Hearing Research*.
- Hao, J., Chondrogianni, V. & Sturt, P. (Revision 1 Under Review). The development of grammar and grammatical processing in child language: The case of Mandarin non-canonical structure. *Journal of Child Language*.
- Hao, J., Kubota, M., Bayram, F., Gonzalez A. J., Gruter, T., *Li, M., & Rothman, J. (Under Review). Schooling and home language usage matter in heritage bilingual processing: Sortal classifiers in Mandarin. *Second Language Research*.
- Hao, J., Luque, A., Kubota, M., Nakamura, M., Rossi, E., & Rothman, J. (Under Review). The role of markedness and individual heritage language experience in the processing of gender agreement among Spanish-English heritage speakers: an event-related potential investigation. *Language, Cognition, and Neuroscience*.
- Voits, T., DeLuca, V., Hao, J., Elin, K., Abutalebi, J., Duñabeitia, J.A., *Berglund, G., *Gabrielsen, A., *Rook, J., *Thomsen, H., *Waagen, P., & Rothman, J., (Under Review) Degree of bilingual engagement modulates resting state oscillatory activity across the lifespan. *Neurobiology of Ageing*.

In preparation

- Hao, J., Sturt, P., Rothman, J., & Chondrogianni, V. (First Draft Writing up). Having, accessing, and uptaking grammatical representations: Syntactic priming as an index for learning in various child populations.
- Kubota, M. & Hao, J. (Data collection completed). Cross-linguistic influence across domains: A large scale study of Japanese-English and Japanese-German child heritage speakers.
- *Jafari, M., Kubota, M., Clark, AS. & Hao, J. (Data collection completed). Narrative development in both languages of bilingual returnee children: A longitudinal study.

Invited Articles

- Hao, J. (2020) Learning your first language isn't always successful: Comparing monolingual children with Specific Language Impairment and Child Heritage Speakers. *U-Lingua*, Issue 3, Page 23.

Book Chapter

- Chondrogianni, V., & Hao, J. (Invited). Syntactic interfaces in children with language disorders. In A. Fabregas, Y. Prystauka, C. Pons Moll, and L. Mayol (Ed.), *The Handbook of Interfaces*. Cambridge University Press.
- Kubota, M., Hao, J., & Kanero, J. (Invited; in Revision). Understanding the complexities of classifier acquisition in monolinguals and bilinguals. In T. Kupisch and N. Schiller (Ed.), *The Oxford Handbook of Gender and Classifier*. Oxford University Press.

*indicates graduate student

TALKS AND PRESENTATIONS

Refereed Presentations

- Hao, J., Kubota, M., Bayram, F., Gonzalez, J.A., Grüter, T., *Li, M., & Rothman, J. (2023). Factors conditioning individual differences in heritage language processing: The case of Mandarin classifier. Paper presented at the Boston University Conference on Language Development (BUCLD 48), Boston, November 2023.
- Luque, A., Hao, J., Rossi, E., Kubota, M., *Nakamura, M., *Rosales, C., *López-Rojas, C., Rodina, Y., & Rothman, J. (2023). Examining gender agreement processing in Spanish as a heritage language: An EEG study. Paper presented at the 32nd Conference of the European Second Language Association (EuroSLA 2023), Birmingham, September 2023.
- Hao, J., Kubota, M., Bayram, F., Gonzalez, J.A., Grüter, T., *Li, M., & Rothman, J. (2023). Predictive processing in the heritage language?: The case of Mandarin classifiers. Paper presented at the 32nd Conference of the European Second Language Association (EuroSLA 2023), Birmingham, September 2023.
- Hao, J., Chondrogianni, V. & Sturt, P. (2022). Production and processing of non-canonical structures in Mandarin-English heritage children. Paper presented for the 4th International Symposium on Bilingual and L2 Processing in Adults and Children (ISBPAC), Tromsø, Norway, August 2022.
- Hao, J., Chondrogianni, V. & Sturt, P. (2022). Non-canonical word orders in Mandarin-speaking children with Developmental Language Disorder. Paper presented at the Human Sentence Processing (HSP) Conference 2022, Online, March 2022.
- Hao, J. & Chondrogianni, V. (2020). The development of Mandarin non-canonical word orders in child heritage speakers. Paper presented at the Boston University Conference on Language Development (BUCLD 46). Boston, November 2020.
- Hao, J. & Chondrogianni, V. (2020). Processing non-canonical word order in Mandarin-English child heritage speakers. Paper presented at the LEL PG Conference. Edinburgh, July 2020.

Invited Presentations

- Hao, J. (2024). Language learning in various child populations: When and why does it matter to compare different groups. Talk, Lancaster University, Lancaster, United Kingdom, February 2024.
- Hao, J. (2023). Heritage language bilingualism as a spectrum: What can we learn from individual differences?. Talk at the Bilingualism and Developmental Linguistics Research Group, University of Edinburgh, Edinburgh, United Kingdom, March 2023.
- Hao, J. (2023). Probabilistic Learning in Children With Developmental Language Disorder: An Event-Related Potential Study. Talk at the PoLaR lab, UiT, Tromsø, Norway, January 2023.
- Hao, J., Chondrogianni, V. & Sturt, P. (2022). Input matters: language development under reduced input conditions. Talk at the PoLaR lab reading group, UiT, Tromsø, Norway, November 2022.
- Hao, J. & Chondrogianni, V. (2020). Mandarin non-canonical word orders in child heritage speakers: The role of cross-linguistic influence. Talk at the Heritage Language Lab, University of Alberta. Online, December 2020.
- Hao, J. & Chondrogianni, V. (2020). The development and processing of Mandarin non-canonical word orders in child heritage speakers. Talk at Bilingualism Research Group, University of Edinburgh. Online, October 2020.

Refereed Poster Presentations

- Voits, T., Abutalebi, J., *Berglund, G., DeLuca, V., Duñabeitia, J.A., Elin, K., *Gabrielsen, A., Hao, J., Rook, J/. & Rothman, J. (2023). Independent effects of multilingual experience on resting-state functional connectivity across the adult lifespan. Poster presented at the Society for the Neurobiology of Language 15th Annual Meeting (SNL 2023), October 2023.
- Hao, J., Kubota, M., Bayram, F., Gonzalez, J.A., Grüter, T., & Rothman, J. (2023). Factors conditioning individual differences in heritage language processing: The case of Mandarin classifier.

Poster presented at the Architectures and Mechanisms for Language Processing (AmLaP) 2023, September 2023.

- Hao, J., Chondrogianni, V. & Sturt, P. (2023). Comparing online and offline comprehension of Mandarin non-canonical structures in monolingual children with Developmental Language Disorder vs. heritage children. Poster presented at the Human Sentence Processing (HSP) 2023, March 2023.
- Hao, J., Kubota, M., Bayram, F., Gonzalez, J.A., Grüter, T., & Rothman, J. (2023). Heritage language predictive processing: A closer look at individual variability. Poster presented for the Heritage Language at Crossroad Workshop, May 2023.
- Gharibi, K., Hao, J., & Rothman, J., (2023). Online and offline pronoun resolution in Farsi heritage speakers. Poster presented for the Heritage Language at Crossroad Workshop, May 2023.
- Hao, J. (2019). A new syntactic analysis of Mandarin Passives. Poster presented at the 7th Manchester Forum in Linguistics (mFiL). Manchester, UK, May 2019.

*indicates graduate student

ACADEMIC SERVICE

Co-organiser of AcqVA Aurora Closing Workshop March, 2024
UiT The Arctic University of Norway

Co-organiser of AcqVA Guest Lecture Series 2023/24
UiT The Arctic University of Norway

Organiser of Heritage Language at Crossroads workshop May, 2023
UiT The Arctic University of Norway, Istanbul, Turkey

Chair of Bilingualism Research Group 2020/21, 2021/22
University of Edinburgh, Edinburgh, United Kingdom

Co-organiser of Linguistic Circle 2020/21, 2021/22
University of Edinburgh, Edinburgh, United Kingdom

Reviewer

Conferences: *Human Sentence Processing (HSP) 2023; Heritage Language at Crossroad 2023; Architectures and Mechanisms for Language Processing-Asian (AmLaP Asian) 2023; 2024 Linguistic Society of America (LSA) Annual Meeting; International Association for the Study of Child Language (IASCL) 2024; International Symposium on Bilingual and L2 Processing in Adults and Children (ISBPAC) 2024*

Journals: *Journal of the Undergraduate Linguistics Association of Britain; Applied Psycholinguistics; Frontiers in Psychology; Linguistic Approaches to Bilingualism; International Journal of Bilingualism; Studies in Second Language Acquisition; Second Language Research; Language and Speech; Oxford University Press*

FUNDING AND AWARDS

Research grants

- **2023** Marie Skłodowska-Curie Actions Postdoctoral Fellowship, European Commission (€210,911)
- **2023** PPLS Small Project Grant, University of Edinburgh (Co-applicant with Prof. Vicky Chondrogianni, £3000)
- **2022** PPLS Research Support Grant for conference travel, University of Edinburgh (£485)
- **2021** Postgraduate Research Fund, Scottish Government (£800)

- **2021** PPLS Research Support Grant, University of Edinburgh (£405)
- **2020** PPLS Research Support Grant, University of Edinburgh (£500)
- **2020** University Research Support Grant, University of Edinburgh (£250)
- **2020** PPLS Research Support Grant, University of Edinburgh (£500)
- **2020** PPLS Research Support Grant, University of Edinburgh (£500)
- **2019** PPLS Research Support Grant for MSc projects, University of Edinburgh (£300)
- **2019** PPLS Research Support Grant for conference travel, University of Edinburgh (£150)

Other grants

- **2019** Go Abroad Fund, Edinburgh Global, University of Edinburgh (£350)

Scholarship

- **2018** The Outstanding Graduates Scholarship, Xi'an International Studies University (¥3000)
- **2017** The Merit Student Scholarship, Xi'an International Studies University (¥2000)
- **2016** The Model Student of Academic Records Scholarship, Xi'an International Studies University (¥2000)
- **2015** The Extracurricular Achievement Scholarship, Xi'an International Studies University (¥1500)

Awards

- **2022** Student Travel Award, ISBPAC2022, the AcqVA AURORA Center, UiT The Arctic University of Norway
- **2020** Paula Menyuk Award, BUCLD 45, Boston University

GRADUATE STUDENT SUPERVISION AND EXAMINATION

Supervision

- **Qimin Li** Master's of Multilingualism, UiT The Arctic University of Norway 2022/24
Topic: Cross-linguistic influence in gender cues for online nominative pronoun resolution.

Examination

- **In Progress** Master's of English Acquisition and Multilingualism, UiT The Arctic University of Norway 2023/24

TECHNICAL SKILLS

Programming Language

- R (Statistics), Python, JavaScript

Typesetting

- MS Office, L^AT_EX, Markdown

Linguistic Analysis

- Praat, Python (Natural Language Processing, e.g., NLTK)

Psychological experimentation

- Psychopy, E-prime, Open Sesame, Testable, JsPsych (JavaScript-based), BrainVision (EEG)

LANGUAGES

Native
Professional
Beginner/Working knowledge

Mandarin Chinese
English
Spanish, Japanese, Farsi, Turkish, Norwegian

REFERENCES

Prof. Vicky Chondrogianni

- Professor
- v.chondrogianni@ed.ac.uk
- Linguistics and English Language
- School of Philosophy, Psychology and Language Sciences
- University of Edinburgh

Dr Patrick Sturt

- Reader
- patrick.sturt@ed.ac.uk
- Psychology
- School of Philosophy, Psychology and Language Sciences
- University of Edinburgh

Prof. Jason Rothman

- Professor
- jason.rothman@uit.no
- Neurocognition of Bilingualism
- Department of Language and Culture
- UiT The Arctic University of Norway

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