

# Hiroki Fujita

POSTDOCTORAL RESEARCHER, UNIVERSITY OF POTSDAM

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Karl-Liebknecht-Str. 24–25, 14476 Potsdam, Germany

## EMPLOYMENT

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Sep 2025–Present	<b>DFG-funded (2<sup>nd</sup> phase) Postdoctoral Researcher</b> University of Potsdam, Germany Department of Linguistics
Sep 2022–Aug 2025	<b>DFG-funded Postdoctoral Researcher</b> University of Potsdam, Germany Department of Linguistics
Jul 2019–Aug 2022	<b>Postdoctoral Research Assistant in Psycholinguistics</b> University of Reading, United Kingdom School of Psychology and Clinical Language Sciences

## EDUCATION

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Sep 2016–Oct 2019	<b>PhD in Psycholinguistics</b> University of Reading, United Kingdom School of Psychology and Clinical Language Sciences  Thesis committee: Dr. Ian Cunnings (Supervisor), Dr. Ludovica Serratrice (Internal Examiner), Dr. Claudia Felser (External Examiner)
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## RESEARCH GRANTS

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2025–2028	<b>German Research Foundation (DFG) Grant</b> €369,782 Project title: Parsing processes in temporarily ambiguous sentences and interference effects during
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real-time language comprehension  
PI: Hiroki Fujita

2025–2026

**Bridging Grant (Internal University of Potsdam Funding)**

€17,140

Project title: Exploring reinterpretation processes in language comprehension

PI: Hiroki Fujita

\*Awarded but declined

2022–2025

**German Research Foundation (DFG) Grant**

€343,300

Project title: Similarity-based interference in temporarily ambiguous sentences

PI: Hiroki Fujita

2021–2022

**PCLS Research Grant (Internal University of Reading Funding)**

£980

Project title: Sentence parsing and performance errors

PI: Hiroki Fujita

2020–2021

**CeLM Research Grant (Internal University of Reading Funding)**

£460

Project title: Quantifier float and similarity-based interference

PI: Hiroki Fujita

2016–2019

**Language Learning Dissertation Grant**

\$2,000

Project title: Sentence processing and reanalysis in L2 acquisition

PI: Hiroki Fujita

## SELECTED SCHOLARSHIPS

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2016–2019

**JASSO Long-Term Exchange Scholarship for PhD Degree**

¥12,828,000 ( $\approx$  €91,541)

Japan

2014–2016

**JASSO Scholarship for MEd Degree**

¥2,112,000 (≈ €15,071)

Japan

2014–2016

**Osaka Kyoiku University Scholarship**

¥846,000 (≈ €6,037)

Japan

## JOURNAL ARTICLES

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1. **Fujita, H.** (2025). Active dependency formation, maintenance cost and proactive retrieval interference. *Language, Cognition and Neuroscience*.  
<https://doi.org/10.1080/23273798.2025.2522267>
2. **Fujita, H.** (2025). Formal computational modelling in second language sentence processing research. *Studies in Second Language Acquisition*.  
<https://doi.org/10.1017/S0272263125101009>
3. **Fujita, H.** (2025). The L-maze task and web-based data collection in second language sentence processing research. *Research Methods in Applied Linguistics*, 4(3), 100251.  
<https://doi.org/10.1016/j.rmal.2025.100251>
4. **Fujita, H.** (2024). Memory retrieval in online sentence parsing: Empirical evidence, computational modelling, and simulations. *Computational Brain & Behavior*, 7, 457–478. <https://doi.org/10.1007/s42113-024-00206-8>
5. **Fujita, H.**, & Cunnings, I. (2024). Subject-verb dependency formation and semantic interference in native and non-native language comprehension. *Applied Psycholinguistics*, 45(1), 81–109. <https://doi.org/10.1017/S0142716423000498>
6. **Fujita, H.** (2024). Online revision process in clause-boundary garden-path sentences. *Memory & Cognition*, 52, 73–90. <https://doi.org/10.3758/s13421-023-01444-0>
7. **Fujita, H.**, & Yoshida, M. (2024). Online reflexive resolution and interference. *Language, Cognition and Neuroscience*, 39(4), 513–526.  
<https://doi.org/10.1080/23273798.2024.2329269>
8. Cunnings, I., & **Fujita, H.** (2023). Similarity-based interference and relative clauses in second language processing. *Second Language Research*, 39(2), 539–563.  
<https://doi.org/10.1177/02676583211063534>
9. **Fujita, H.**, & Cunnings, I. (2023). Interference in quantifier float and subject-verb agreement. *Language, Cognition and Neuroscience*, 38(7), 1001–1019.  
<https://doi.org/10.1080/23273798.2023.2189738>
10. **Fujita, H.** (2023). Predictive structure building in language comprehension: a large sample study on incremental licensing and parallelism. *Cognitive Processing*, 24(2), 301–311. <https://doi.org/10.1007/s10339-023-01130-8>

11. **Fujita, H.**, & Cunnings, I. (2022). Interference and filler-gap dependency formation in native and non-native language comprehension. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 48(5), 702–716. <https://doi.org/10.1037/xlm0001134>
12. **Fujita, H.**, & Cunnings, I. (2021). Reanalysis processes in non-native sentence comprehension. *Bilingualism: Language and Cognition*, 24(4), 628–641. <https://doi.org/10.1017/S1366728921000195>
13. **Fujita, H.** (2021). On the parsing of garden-path sentences. *Language, Cognition and Neuroscience*, 36(10), 1234–1245. <https://doi.org/10.1080/23273798.2021.1922727>
14. Cunnings, I., & **Fujita, H.** (2021). Quantifying individual differences in native and non-native sentence processing. *Applied Psycholinguistics*, 42(3), 579–599. <https://doi.org/10.1017/S0142716420000648>
15. **Fujita, H.**, & Cunnings, I. (2021). Lingering misinterpretation in native and nonnative sentence processing: Evidence from structural priming. *Applied Psycholinguistics*, 42(2), 475–504. <https://doi.org/10.1017/S0142716420000351>
16. González Alonso, J., Cunnings, I., **Fujita, H.**, Miller, D., & Rothman, J. (2021). Gender attraction in sentence comprehension. *Glossa: A Journal of General Linguistics*, 6(1), 20. <http://doi.org/10.5334/gjgl.1300>
17. **Fujita, H.**, & Cunnings, I. (2020). Reanalysis and lingering misinterpretation of linguistic dependencies in native and non-native sentence comprehension. *Journal of Memory and Language*, 115, 104154. <https://doi.org/10.1016/j.jml.2020.104154>

## PROCEEDINGS

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1. **Fujita, H.** (2024). Memory Retrieval Processes during Real-Time Language Comprehension: Empirical Evidence and Computational Modelling. *Proceedings of the Annual Meeting of the Cognitive Science Society*, 46. Retrieved from <https://escholarship.org/uc/item/395582f8>.
2. **Fujita, H.** (2024). Probabilistic and Selectional Biases in Ambiguity Resolution during Real-time Sentence Processing. *Proceedings of the Annual Meeting of the Cognitive Science Society*, 46. Retrieved from <https://escholarship.org/uc/item/96v0p8ns>.
3. **Fujita, H.**, & Vasisht, S. (2024). Cue-Based Memory Retrieval in Garden-Path Sentences. *Proceedings of the Annual Meeting of the Cognitive Science Society*, 46. Retrieved from <https://escholarship.org/uc/item/30z337x2>.

## INVITED TALKS

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1. Psycholinguistic research on second language processing of locally ambiguous sentences. The Multilingual Processing in Psycholinguistics and Technology workshop, Trondheim, Norway. May 2025.

2. Structure building processes in L2 sentence comprehension. Sungkyunkwan University, Seoul, Korea. February 2025.
3. (Active) dependency formation and locality constraints. The University of Tokyo, Tokyo, Japan. July 2023.
4. Sentence processing research. The University of Reading, Reading, UK. March 2022.
5. Language comprehension in temporarily ambiguous sentences. Northwestern University, Illinois, US. November 2020.
6. Reanalysis in native and non-native language comprehension. Tohoku University, Sendai, Japan. August 2019.
7. Persistent misinterpretation of non-Local dependencies in native and non-native speakers. Kwansei Gakuin University, Osaka, Japan. March 2018

## PRESENTATIONS

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1. **Fujita, H.** (2025). Reanalysis of object/subject garden-path sentences during sentence processing. Oral presentation at the FLINC workshop, Norwegian University of Science and Technology, Trondheim, Norway.
2. Cunnings, I., Alaskar, S., & **Fujita, H.** (2024). Similarity-based interference and appositive relative clauses in L1 and L2 processing. Poster presentation at the AMLaP 2024 conference, Sheraton Grand Hotel, Edinburgh, Scotland.
3. **Fujita, H.**, Alaskar, S., & Cunnings, I. (2024). Prediction, structure building, and memory retrieval in L1 and L2 sentence processing. Poster presentation at the AMLaP 2024 conference, Sheraton Grand Hotel, Edinburgh, Scotland.
4. **Fujita, H. (2024)**. Lexical frequency and selectional constraints in the resolution of complement ambiguity. Poster presentation at the AMLaP 2024 conference, Sheraton Grand Hotel, Edinburgh, Scotland.
5. **Fujita, H. (2024)**. The revision-integrated cue-based computational model: Evidence from a large-sample study and computational simulations. Poster presentation at the AMLaP 2024 conference, Sheraton Grand Hotel, Edinburgh, Scotland.
6. **Fujita, H.**, & Vasishth, S. (2024). Do misrepresentations of garden-path sentences affect subsequent memory retrieval? Poster presentation at the AMLaP 2024 conference, Sheraton Grand Hotel, Edinburgh, Scotland.
7. **Fujita, H.** (2024). Probabilistic and Selectional Biases in Ambiguity Resolution during Real-time Sentence Processing. Poster presentation at the CogSci 2024 conference, Postillion Hotel & Convention Centre WTC Rotterdam, Rotterdam, the Netherlands.
8. **Fujita, H.** (2024). Memory Retrieval Processes during Real-Time Language Comprehension: Empirical Evidence and Computational Modelling. Oral presentation at the CogSci 2024 conference, Postillion Hotel & Convention Centre WTC Rotterdam, Rotterdam, the Netherlands.

9. **Fujita, H.**, & Vasishth, S. (2024). Cue-Based Memory Retrieval in Garden-Path Sentences. Oral presentation at the CogSci 2024 conference, Postillion Hotel & Convention Centre WTC Rotterdam, Rotterdam, the Netherlands.
10. **Fujita, H.** (2023). Constituency and Grammatical Illusions in Sentence Processing. Poster presentation at the JSLS 2023 Conference, Chuo University, Tokyo, Japan.
11. **Fujita, H.**, Alaskar, S., & Cunnings, I. (2023). Prediction, structure building and retrieval interference in L1 and L2 sentence processing. Poster presentation at the HSP 2023 Conference, University of Pittsburgh, Pennsylvania, US.
12. **Fujita, H.** (2023). When the parser revises garden-path sentences and when it does not. Poster presentation at the HSP 2023 Conference, University of Pittsburgh, Pennsylvania, US.
13. **Fujita, H.**, & Yoshida, M. (2023). Dependency formation, similarity-based interference and local coherence. Poster presentation at the HSP 2023 Conference, University of Pittsburgh, Pennsylvania, US.
14. **Fujita, H.**, & Yoshida, M. (2023). Interaction between dependency formation and the online ambiguity resolution process. Oral presentation at the HSP 2023 Conference, University of Pittsburgh, Pennsylvania, US.
15. **Fujita, H.**, & Cunnings, I. (2022). Interference and memory retrieval in native and non-native language comprehension. Poster presentation at the AMLaP 28 Conference, University of York, York, UK.
16. **Fujita, H.**, & Cunnings, I. (2022). Dependency formation in native and non-native sentence processing. Poster presentation at the ISBPAC 2022 Conference, University of Tromsø, Tromsø, Norway.
17. **Fujita, H.**, & Yoshida, M. (2022). Conditions on interference. Poster presentation at the HSP 2022 Conference, University of California, Santa Cruz, US.
18. **Fujita, H.**, & Cunnings, I. (2022). Interference and quantifier float. Poster presentation at the HSP 2022 Conference, University of California, Santa Cruz, US.
19. **Fujita, H.**, & Cunnings, I. (2021). Interference and filler-gap dependencies in native and non-native language comprehension. Short talk presentation at the AMLaP 2021 Conference, Université de Paris, France.
20. Cheng, Y., **Fujita, H.**, & Cunnings, I. (2021). Coordination ambiguity resolution in native and non-native language comprehension. Short talk presentation at the CUNY 2021 Conference, Pennsylvania, US.
21. Cunnings, I. & **Fujita, H.** (2021). Interference and Filler-Gap Dependencies in Native and Non-Native Comprehension. Short talk presentation at the CUNY 2021 Conference, Pennsylvania, US.
22. Cunnings, I. & **Fujita, H.** (2021). Similarity-Based Interference in Native and Non-Native Comprehension. Short talk presentation at the CUNY 2021 Conference, Pennsylvania, US.
23. **Fujita, H.**, Cheng, Y., & Cunnings, I. (2020). Crossover constraints in native and non-native language comprehension. Poster presentation at the AMLaP 2020 Conference, Potsdam, Germany.

24. Cunnings, I., & **Fujita, H.** (2020). Quantifying individual differences in native and non-native sentence processing: Evidence from garden-paths. Poster presentation at the AMLaP 2020 Conference, Potsdam, Germany.
25. **Fujita, H.**, Cheng, Y., & Cunnings, I. (2020). Structural constraints and prediction in non-native sentence processing: Evidence from pronoun resolution. Poster presentation at the COM 2020 Conference, Reading, UK.
26. **Fujita, H.**, & Cunnings, I. (2020). Syntactic ambiguity and misinterpretation in non-native sentence processing: Evidence from structural priming. Poster presentation at the COM 2020 Conference, Reading, UK.
27. **Fujita, H.** (2020). Reanalysis processes. Poster presentation at the CUNY 2020 Conference, Amherst, US.
28. **Fujita, H.**, & Cunnings, I. (2020). Lingering misinterpretation in native and non-native sentence processing: Evidence from structural priming. Poster presentation at the CUNY 2020 Conference, Amherst, US.
29. **Fujita, H.**, & Cunnings, I. (2019). Lingering Misinterpretation in Garden-path Sentences in Native and Non-Native Speakers. Poster presentation at the CUNY 2019 Conference, Colorado, US.
30. **Fujita, H.**, & Cunnings, I. (2019). Effects of Misanalysed Filler-gap Dependencies in L1 and L2 Language Comprehension. Poster presentation at the CUNY 2019 Conference, Colorado, US.
31. **Fujita, H.**, & Cunnings, I. (2018). Reanalysis processes in non-native sentence comprehension. Oral presentation at the 2nd ISBPAC-TU Conference, Braunschweig, Germany.

## TECHNICAL SKILLS

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- Programming (R, Python)
- Experimental Techniques (Behavioural Tasks, Eye Tracking for Reading)

## TEACHING

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3–6 June 2019

### Teaching Assistant

Statistics for Linguists in R  
University of Reading, United Kingdom

Nov 2015–Mar 2016

### Teaching Assistant

L2 Vocabulary Knowledge and Processing  
Osaka Kyoiku University, Japan

Apr 2015–Mar 2016

**Teaching Assistant**

Advanced Theory of English Education I and II  
Osaka Kyoiku University, Japan

Sep 2014–Mar 2015

**Teaching Assistant**

Introduction to English Linguistics  
Osaka Kyoiku University, Japan