

Maria Korochkina, PhD

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Academic Employment

- 06/2022 – ongoing 📌 **Postdoctoral Research Fellow**, [Rastle Lab](#), Royal Holloway, University of London, UK
- 02/2020 – 06/2022 📌 **Academic Tutor**, Macquarie University, Australia
- 10/2019 – 01/2020 📌 **Research Assistant**, [Language Research Group](#), Macquarie University, Australia
- 04/2017 – 06/2018 📌 **Research Assistant**, [Vasishth Lab](#), University of Potsdam, Germany
- 07/2016 – 08/2018 📌 **Research Assistant**, [NOLA Lab](#), University of Potsdam, Germany

Education

- 2018 – 2022 📌 **PhD in Cognitive Science**
Joint degree from Universities of Potsdam (Germany), Newcastle (UK), Groningen (Netherlands), and Macquarie University (Australia), [IDEALAB PhD programme](#)
- 2015 – 2018 📌 **MSc in Experimental and Clinical Linguistics**
University of Potsdam, Germany, [IECL programme](#)
- 2010 – 2015 📌 **BA & MA in Philology**
Lomonosov Moscow State University, Russia

Teaching

- 27/03/2022 📌 **Workshop instructor**, Royal Holloway, University of London
[Bayesian Linear Mixed Effects and Distributional Regression models with brms](#)
- 02/2020 – 06/2022 📌 **Academic Tutor**, Macquarie University
Session 1, 2021 & 2022: [Design and Statistics III](#)
Session 2, 2020 & 2021: [Design and Statistics II](#)
Session 2, 2020 & 2021: [Acquired Speech and Language Disorders](#)
Session 1, 2020: [Exp Design and Data Analysis for the Cognitive and Brain Sciences](#)
- 12/2021 📌 **Badged Instructor**, The Carpentries
- 18/02/2021 📌 **Workshop instructor**, Macquarie University
[Data analysis using \(generalised\) linear mixed effects models in R](#)
- 21–25/09/2020 📌 **Helper**, [Introduction to R Software Carpentry workshop](#), Macquarie University

Publications

Peer-reviewed

- 1 **Korochkina, M.**, Marelli, M., Brysbaert, M., & Rastle, K. (In press). The Children and Young People's Books Lexicon (CYP-LEX): A large-scale lexical database of books read by children and young people in the united kingdom. *Quarterly Journal of Experimental Psychology*.
<https://doi.org/10.1177/17470218241229694>
- 2 **Korochkina, M.**, Nickels, L., & Bürki, A. (In press). What can we learn about integration of novel words into semantic memory from automatic semantic priming? *Language, Cognition, and Neuroscience*.
<https://osf.io/preprints/psyarxiv/vup25>

- 3 Lombard, A., Ulicheva, A., **Korochkina, M.**, & Rastle, K. (In press). The regularity of polysemy patterns in the mind: Computational and experimental data. *GLOSSA Psycholinguistics*, 3(1), 3, 1–24. <https://doi.org/10.5070/G60111327>
- 4 **Korochkina, M.**, Sowman, P., Nickels, L., & Bürki, A. (2023). Neural correlates of encoding in novel word learning. *Collabra: Psychology*, 9(1), 57525. <https://doi.org/10.1525/collabra.57525>
- 5 **Korochkina, M.**, Bürki, A., & Nickels, L. (2021). Apples and oranges: How does learning context affect novel word learning? *Journal of Memory and Language*, 120, 104246. <https://doi.org/10.1016/j.jml.2021.104246>



Under review

- 1 Crawford, M., Raheel, N., **Korochkina, M.**, & Rastle, K. (2023). Global literacy goals constrained by inadequate foundational decoding skills for pupils in low- and middle-income countries [Pre-print]. <https://osf.io/preprints/psyarxiv/2qxm9>





Other

- 1 **Korochkina, M.** (2022). *Learning of new words: Behavioural and electrophysiological correlates of encoding and integration* [PhD thesis]. Macquarie University. <https://doi.org/10.25949/23707128.v1>




Academic service

- Peer-review  **Reviewer** for Psychonomic Bulletin & Review; Behavior Research Methods; Journal of Memory and Language; Language, Cognition, & Neuroscience; Advances in Cognitive Psychology; Language and Speech; Psychology & Neuroscience, Applied Psycholinguistics
- Open science  **Organiser**, [ReproducibiliTea journal club](#), Royal Holloway, University of London

Honours & awards

- 2023  **Student Researcher Credibility Prize**, British Neuroscience Association (GBP 500)
Read the media announcement [here](#)
- 2020  **Postgraduate Research Fund**, Macquarie University (AUD 5,000)
- 2019  **Conference travel & participant recruitment awards**, University of Potsdam (EUR 2,260)
- 2012 & 2014  **Student exchange awards**, University of Vienna, Austria (EUR 5,000)

Skills

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|----------------------------------|---|
| Experimental techniques |  Behavioural, EEG, computational modelling |
| Programming languages & software |  MatLab, Python, R, \LaTeX , Stata, HTML |
| Languages |  English, German, Russian, Swedish, BSL (beginner) |