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 & educating

27/03/2024	🔖 **Presenter**, Royal Holloway, University of London Getting Started with Version Control, ReproducibiliTea meeting series
11/03/2024	🔖 **Presenter**, Royal Holloway, University of London Getting Started with LaTeX, ReproducibiliTea meeting series
27/03/2023	🔖 **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.**, 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

2 **Korochkina**, **M.**, Marelli, M., Brysbaert, M., & Rastle, K. (2024). 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*, Published online ahead of print. https://doi.org/10.1177/17470218241229694

3 Lombard, A., Ulicheva, A., **Korochkina**, **M.**, & Rastle, K. (2024). 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

Media and outreach

1 **Korochkina**, **M.**, & Rastle, K. (2024). *What words do children encounter when they read for pleasure?* [Accessible blog post]. https://www.rastlelab.com/post/what-words-do-children-encounter-when-they-read-for-pleasure

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)

Scientific societies

- The British Neuroscience Association
- The Experimental Psychology Society
- Society for the Scientific Study of Reading
- The European Society for Cognitive Psychology

Skills

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