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Chair of Cognitive Psychology and Cognitive Aging | University of Mannheim

Education

- 10/2021 – now Doctoral Candidate | University of Mannheim
Thesis: "Interindividual Differences in Storage and Retrieval"
Advisor: Prof. Dr. Beatrice Kuhlmann
- 09/2019 – 08/2021 M.Sc. Psychology | University of Amsterdam
Thesis: "How the Magical Number Develops: Working Memory
Capacity From Ages Seven to Twelve"
Advisors: Dr. Julia Haaf and Dr. Abe Hofman
- 09/2016 – 08/2019 B.Sc. Psychology | Tilburg University
Thesis: "The Role of Inhibition in Language Switching in
Multilinguals"
Advisor: Dr. Wouter De Baene

Academic positions

- 10/2021 – now Research Associate | DFG Research Training Group "Statistical
Modeling in Psychology" (SMiP)
- 12/2023 – 12/2023 Visiting Researcher | Cognitive Ability & Plasticity Lab |
University of Sheffield
- 03/2021 – 09/2021 Research Assistant | Communication, Brain, & Society Lab |
University of Amsterdam
- 07/2020 – 08/2020 Research Assistant | Gentle Teaching Team | Prinsensichting
- 05/2018 – 06/2018 Research Assistant | Department for Cognitive Neuropsychology |
Tilburg University

Teaching experience

- Fall 2024 Teaching Associate | B.Sc. Seminar Special Issues in Experimental
Psychology | University of Mannheim
- Spring 2023 and 2024 Teaching Associate | B.Sc. Seminar Research Methods in
Experimental Psychology | University of Mannheim

Spring 2021 Teaching Assistant | B.Sc. Course Mathematical Modeling in
Psychology | University of Amsterdam

Fall 2020 Teaching Assistant | M.Sc. Course Neuroimaging - BOLD MRI |
University of Amsterdam

Publications

Streitberger, C., Kuhlmann, B. G., Meier, M. E., & Arnold, N. R. (2024). Connecting working and long-term memory: Bayesian-hierarchical multinomial model-based analyses reveal storage next to retrieval differences. *Memory & Cognition*, 52(8), 1915–1927. <https://doi.org/10.3758/s13421-024-01627-3>

Conference contributions

Streitberger, C., & Kuhlmann B. G. (2024, September 16–19). Do we remember dually coded information better because of an advantage in storage or retrieval? In C. Streitberger & N. Symeonidou (Chairs), *Multinomial Processing Tree Modeling in Memory Research* [Symposium]. 53. Kongress der Deutschen Gesellschaft für Psychologie, Vienna, Austria.

Streitberger, C., & Kuhlmann B. G. (2024, March 18–20). *Three sides of one coin? Comparing storage and retrieval of three multinomial models* [Poster presentation]. 66. Tagung experimentell arbeitender Psycholog:innen (TeaP), Regensburg, Germany.

Streitberger, C., & Kuhlmann, B. G. (2023, November 16–19). *Storage or retrieval underlying the picture superiority effect - That is the question* [Poster presentation]. 64th Annual Meeting of the Psychonomic Society, San Francisco, CA, United States.

Streitberger, C., Quevedo Pütter, J., Erdfelder, E., & Kuhlmann, B. G. (2023, September 6–9). *Are recall and recognition conditionally independent? Testing the retrieval independence assumption in multinomial modeling* [Poster presentation]. 23rd Conference of the European Society for Cognitive Psychology, Porto, Portugal.

Streitberger, C., Quevedo Pütter, J., Erdfelder, E., & Kuhlmann B. G. (2023, March 26–29). *Validation of free-recall-then-recognition multinomial processing tree model* [Poster presentation]. 65. Tagung experimentell arbeitender Psycholog:innen (TeaP), Trier, Germany.

Streitberger, C., Kuhlmann, B. G., Arnold, N. R., & Meier, M. E. (2022, November 17–20). *Is working memory linked to encoding or retrieval processes in long-term memory*

[Poster presentation]? 63rd Annual Meeting of the Psychonomic Society, Boston, MA, United States.

Streitberger, C., Kuhlmann, B. G., Arnold, N. R., & Meier, M. E. (2022, March 20–23).

Connecting working and long-term memory: A Bayesian-hierarchical multinomial modeling analysis of encoding and retrieval processes [Conference presentation]. 64.

Tagung experimentell arbeitender Psycholog:innen (TeaP), Online.