

Prof. Dr. Magdalena Abel

Last updated: October, 2024

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Research Interests

Learning and memory in individuals – in small social groups – and in large collectives

Professional Experience

- 2024-now **Professor for Cognitive Psychology**, Department Liberal Arts and Sciences (University of Technology Nuremberg, Germany)
- 2023-2024 **Principal Investigator / Project leader (DFG “Eigene Stelle”)** at Psychology Department (University of Regensburg, Germany)
- 2018-2023 **Senior lecturer (non-tenured)** at Psychology Department (University of Regensburg, Germany; Head: Prof. Dr. Karl-Heinz T. Bäuml)
- 2015-2018 **Postdoctoral position** at Psychology Department (University of Regensburg, Germany; Head: Prof. Dr. Karl-Heinz T. Bäuml)
- 2016 **Visiting Researcher** at the “Center on Autobiographical Memory Research” (CON AMORE, University of Aarhus, Denmark; Head: Prof. Dr. Dorthe Berntsen)
- 2014-2015 **Postdoctoral position** at Psychology Department (Washington University in St. Louis, USA; Head: Prof. Dr. H. L. Roediger III)
- 2012-2014 **Postdoctoral position** at Psychology Department (University of Regensburg, Germany; Head: Prof. Dr. Karl-Heinz T. Bäuml)

Education

- 2019 **Advanced Certificate in University Teaching** (University of Regensburg, Germany)
- 2018 **Habilitation** in Psychology (University of Regensburg, Germany)
Thesis: *Memory retrieval in individual, social, and collective remembering*
- 2012 **Ph.D.** in Psychology (University of Regensburg, Germany)
Thesis: *Sleep-associated and retrieval-associated memory consolidation*
- 2008 **Diploma** in Psychology (University of Regensburg, Germany)

Awards and Research Funding

- 2023 **Research Grant (incl. "Eigene Stelle")**, awarded by the German Research Foundation
"How shared remembering affects memory", PI: Magdalena Abel
- 2022 **Research Grant** (Sub-Award of the Collective Memory Collaborative grant from the
James S. McDonnell Foundation to Washington University in St. Louis)

"Transnational flashbulb memories"; PIs: Magdalena Abel, Astrid Erll (Goethe
Universität Frankfurt, Germany, English Literature and Culture), William Hirst (New
School for Social Research, USA, Psychology), Piotr Szpunar (University of Albany,
USA, Communication and Political Science)
- 2021 **Research Grant** (Sub-Award of the Collective Memory Collaborative grant from the
James S. McDonnell Foundation to Washington University in St. Louis)

*"Past, present, future: Changes in collective remembering across time and two age
groups"*; PIs: Magdalena Abel, Amy Corning (University of Michigan, USA, Sociology),
Sharda Umanath (Claremont McKenna College, USA, Psychology)
- 2018 **Research Grant**, awarded by the German Research Foundation
*"Directed forgetting after short and prolonged delay: A Test of noninhibitory
accounts"*; PI: Magdalena Abel; Collaborator: Karl-Heinz Bäuml (University of
Regensburg, Germany)
- 2016 **Mobility Grant** from a federal program for female researchers
PI: Magdalena Abel; Collaborator: Dorthe Berntsen (University of Aarhus, Denmark)
- 2014 **Select Speaker Award** of the Psychonomic Society
- 2014 **Post-Doc Grant**, awarded by the German Academic Exchange Service (*accepted*)
"Retrieval practice promotes memory performance"; PI: Magdalena Abel;
Collaborator: Henry L. Roediger (Washington University in St. Louis, USA)
- 2014 **Post-Doc Grant**, awarded by the German Research Foundation (*declined, because it
was awarded in parallel to the Post-Doc Grant by the German Academic Exchange
Service*)
- 2012 **Research Grant**, awarded by the German Research Foundation
*"The role of memory strength for processes of sleep-associated memory
consolidation"*; PIs: Karl-Heinz Bäuml (University of Regensburg, Germany) and
Manuel Schabus (University of Salzburg, Austria); Collaborators: Magdalena Abel and
Dominik Heib

Ad-Hoc Reviewing (Scientific Journals)

Acta Psychologica – Advances in Cognitive Psychology – Applied Cognitive Psychology – Cognition –
Cognition and Emotion – Consciousness and Cognition – Educational Psychology Review –
Experimental Psychology – Frontiers in Psychology – Journal of Applied Research in Memory and
Cognition – Journal of Cognitive Psychology – Journal of Experimental Psychology: Applied – Journal
of Experimental Psychology: General – Journal of Experimental Psychology: Learning, Memory, and

Cognition – Journal of Media Psychology – Journal of Memory and Language – Journal of the Spanish Society of Experimental Psychology (Psicológica) – Learning and Individual Differences – Memory – Memory & Cognition – Neurobiology of Learning and Memory – Open Psychology – Proceedings of the National Academy of Sciences – Psychological Research – Psychological Science – Psychology Learning and Teaching – Psychonomic Bulletin & Review – Quarterly Journal of Experimental Psychology – Scholarship of Teaching and Learning in Psychology – Scientific Reports – Sleep – Topics in Cognitive Science – Trends in Cognitive Sciences

Since 2021 Editorial Board Member *Journal of Applied Research in Memory & Cognition*

Since 2023 Editorial Board Member *Memory & Cognition*

Ad-Hoc Reviewing (Funding Bodies)

DFG / German Research Foundation – NSF / National Science Foundation – Psychonomic Society

Professional Affiliations

- Deutsche Gesellschaft für Psychologie / German Society for Psychology (Subsection Cognitive Psychology)
- Psychonomic Society (Fellow since 2018)
- Women in Cognitive Psychology
- Zentrum für Erinnerungskultur / Center for Commemorative Culture (University of Regensburg, Germany)

Publications

Abel, M. (in press). Does collaborative remembering serve a directive function? Examining the influence of collaborative remembering on subsequent decision making. *Quarterly Journal of Experimental Psychology*.

Hou, C., Umanath, S., Corning, A., & Abel, M. (in press). You don't understand me! But, I do! Awareness of cross-generational differences in collective remembering of national historic events. *Memory*.

Umanath, S., Hou, C., Corning, A., & Abel, M. (in press). Things have changed but now they'll stay the same: Generational differences and mental time travel for collective remembering of national historic events. *Journal of Applied Research in Memory and Cognition*.

Hackländer, H. P. M., Schlüter, H., & Abel, M. (2024). Drinking the waters of Lethe: Bringing voluntary choice into the study of voluntary forgetting. *Memory & Cognition*, 52, 254–270.

Abel, M. & Bäuml, K.-H. T. (2023). Item-method directed forgetting and perceived truth of news headlines. *Memory*, 31, 1371-1386.

Abel, M., Nickl, A. T., Reßle, A., Unger, C., & Bäuml, K.-H. T. (2023). The role of sleep for memory consolidation: Does sleep protect memories from retroactive interference? *Psychonomic Bulletin & Review*, 30, 2296–2304.

- Abel, M. & Bäuml, K.-H. T. (2023). Joint contributions of collaborative facilitation and social contagion to the development of shared memories in social groups. *Cognition*, 238, 105453.
- Roediger, H. L. III & Abel, M. (2022). The double-edged sword of memory retrieval: Positive and negative consequences of retrieval. *Nature Reviews Psychology*, 1, 708-720.
- Abel, M., Umanath, S., & Barzykowski, K. (2022). Decades later: What World War II events are remembered as the most important ones? Implications of data collected in 12 countries. In H.L. Roediger III and J.V. Wertsch (Eds.), *National memories: Constructing identity in populist times* (pp. 190-208). Oxford University Press.
- Umanath, S. & Abel, M. (2022). United States and Germany's collective memories of pride and shame for American and German history. In H. L. Roediger III and J. V. Wertsch (Eds.), *National memories: Constructing identity in populist times* (pp. 236-258). Oxford University Press.
- Abel, M., Kuchler, B., Meier, E., & Bäuml, K.-H. T. (2021). List-method directed forgetting: Do critical findings generalize from short to long retention intervals? *Memory & Cognition*, 49, 1677-1689.
- Abel, M. & Berntsen, D. (2021). How do we remember public events? Pioneering a new area of everyday memory research. *Cognition*, 214, 104745.
- Choi, S. Y., Abel, M., Siqi-Liu, A., & Umanath, S. (2021). National identity can be comprised of more than pride: Evidence from collective memories of Americans and Germans. *Journal of Applied Research in Memory and Cognition*, 10, 117-130.
- Abel, M. & Bäuml, K.-H. T. (2020). Would you like to learn more? Retrieval practice plus feedback can increase motivation to keep on studying. *Cognition*, 201, 104316.
- Abel, M. & Bäuml, K.-H. T. (2020). Social interactions can simultaneously enhance and distort memories: Evidence from a collaborative recognition task. *Cognition*, 200, 104254.
- Bäuml, K.-H.T., Abel, M., & Kliegl, O. (2020). Inhibitory processes in episodic memory. In M. Eysenck & D. Groome (Eds.), *Forgetting: Explaining Memory Failure* (pp.125-146). Sage Publishing.
- Abel, M. & Bäuml, K.-H. T. (2020). Retrieval-induced forgetting in a social context: Do the same mechanisms underlie forgetting in speakers and listeners? *Memory & Cognition*, 48, 1-15.
- Roediger, H. L., Abel, M., Umanath, S., Shaffer, R. A., Fairfield, B., Takahashi, M., & Wertsch, J. V. (2019). Competing national memories of World War 2. *Proceedings of the National Academy of Sciences*, 116, 16678-16686.
- Abel, M.*, Umanath, S.*, Fairfield, B., Takahashi, M., Roediger, H. L., & Wertsch, J. V. (2019). Collective memories across 11 nations for World War II: Similarities and differences regarding the most important events. *Journal of Applied Research in Memory and Cognition*, 8, 178-188. [* shared first authorship]
- Abel, M. & Bäuml, K.-H. T. (2019). List-method directed forgetting after prolonged retention interval: Further challenges to contemporary accounts. *Journal of Memory and Language*, 106, 18-28.
- Abel, M., Haller, V., Köck, H., Pötschke, S., Heib, D., Schabus, M., & Bäuml, K.-H. T. (2019). Sleep reduces the testing effect - but not after corrective feedback and prolonged retention interval. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 45, 272-287.

- Kliegl, O., Abel, M. & Bäuml, K.-H. T. (2018). A (preliminary) recipe for obtaining a testing effect in preschool children: two critical ingredients. *Frontiers in Psychology, 9*, 1446.
- Abel, M. & Roediger, H. L. III (2018). The testing effect in a social setting: Does retrieval practice benefit a listener? *Journal of Experimental Psychology: Applied, 24*, 347-359.
- Abel, M., Umanath, S., Wertsch, J. W., & Roediger, H. L. (2018). Collective memory: How groups remember their past. In M. L. Meade, A. Barnier, P. Van Bergen, C. Harris, & J. Sutton (Eds.), *Collaborative Remembering: Theories, Research, and Applications* (pp. 280-296). New York: Oxford University Press.
- Abel, M. & Bäuml, K.-H. T. (2017). Collaborative remembering revisited: Study context access modulates collaborative inhibition and later benefits for individual memory. *Memory & Cognition, 45*, 1319-1334.
- Bäuml, K.-H. T., Aslan, A., & Abel, M. (2017). The two faces of selective memory retrieval - cognitive, developmental, and social processes. In B. Ross (Ed.), *The Psychology of Learning and Motivation* (Vol. 66). Academic Press: Elsevier Inc.
- Abel, M. & Roediger, H. L. III (2017). Comparing the testing effect under blocked and mixed practice: The mnemonic benefits of retrieval practice are not affected by practice format. *Memory & Cognition, 45*, 81-92.
- Abel, M. & Bäuml, K.-H. T. (2017). Testing the context-change account of list-method directed forgetting: The role of retention interval. *Journal of Memory and Language, 92*, 170-182.
- Abel, M. & Bäuml, K.-H. T. (2016). Retrieval practice can eliminate list-method directed forgetting. *Memory & Cognition, 44*, 15-23.
- Roediger, H. L. III & Abel, M. (2015). Collective memory: a new arena of cognitive study. *Trends in Cognitive Sciences, 19*, 359-361.
- Abel, M. & Bäuml, K.-H. T. (2015). Selective memory retrieval in social groups: When silence is golden and when it is not. *Cognition, 140*, 40-48.
- Bäuml, K.-H. T., Holterman, C., & Abel, M. (2014). Sleep can reduce the testing effect - it enhances recall of restudied items but can leave recall of retrieved items unaffected. *Journal of Experimental Psychology: Learning, Memory, and Cognition, 40*, 1568-1581.
- Abel, M. & Bäuml, K.-H. T. (2014). Sleep can reduce proactive interference. *Memory, 22*, 332-339.
- Abel, M. & Bäuml, K.-H. T. (2014). The roles of delay and retroactive interference in retrieval-induced forgetting. *Memory & Cognition, 42*, 141-150.
- Abel, M. & Bäuml, K.-H. T. (2013). Adaptive Memory: The influence of sleep and wake delay on the survival-processing effect. *Journal of Cognitive Psychology, 25*, 917-924.
- Abel, M. & Bäuml, K.-H. T. (2013). Sleep can eliminate list-method directed forgetting. *Journal of Experimental Psychology: Learning, Memory, and Cognition, 39*, 946-952.
- Abel, M. & Bäuml, K.-H. T. (2012). Retrieval-induced forgetting, delay, and sleep. *Memory, 20*, 420-428.