

Persönliche Angaben

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Ausbildung

- | | |
|-------------|--|
| 2002 - 2004 | Fellow der International Max Planck Research School (IMPRS), „The Life Course: Evolutionary and Ontogenetic Dynamics (LIFE)“ |
| 1996 - 2001 | Psychologiestudium an der Freien Universität, Berlin |

Akademische Abschlüsse

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| 2005 | Dr. phil.
Summa cum laude
Freie Universität Berlin
Mitglieder des Dissertationskommittees: Paul B. Baltes (Betreuer), Nina Knoll, Ulman Lindenberger, Herbert Scheithauer, Peter Walschburger
Doktorarbeit „Concurrent cognitive and sensorimotor performance: A comparison of children and young adults“ |
| 2001 | Diplom in Psychologie
Abschlussnote 1,0
Freie Universität Berlin
Diplomarbeit „Age differences in the regulation of action sequences“ (Betreuer: Ulman Lindenberger) |

Berufserfahrung

April 2016 bis heute	W2-Professorin für Bewegungswissenschaft (Motorik und Kognition) an der Universität des Saarlandes
April 2015 bis März 2016	Juniorprofessorin für Exercise Psychology, Sportwissenschaftliche Fakultät der Universität Leipzig
April 2007 bis März 2015	Wissenschaftliche Mitarbeiterin und Forschungsgruppenleiterin, Projekt „Motorische und kognitive Entwicklung“, Max-Planck-Institut für Bildungsforschung, Berlin
2005 - 2007	Postdoktorandin, Projekt „Sensorimotor-Cognitive Couplings“ (PI: Ulman Lindenberger & Martin Lövdén), Max-Planck-Institut für Bildungsforschung, Berlin
2001 - 2004	Doktorandin, Projekt „Sensorimotor-Cognitive Couplings“ (PI: Paul B. Baltes & Ralf Krampe), Max-Planck-Institut für Bildungsforschung, Berlin
2000 - 2001	Studentische Hilfskraft im Projekt “The Interplay of Sensorimotor and Cognitive Functioning” (PI: Paul B. Baltes und Ralf Krampe), Max-Planck-Institut für Bildungsforschung, Berlin
1998 - 2000	Studentische Hilfskraft im Projekt “Memory and Intelligence in Development” (MIND) (PI: Ulman Lindenberger), Max-Planck-Institut für Bildungsforschung, Berlin

Veröffentlichungen

Schaefer, S. (2025). Embodied counting: Touching objects reduces errors in counting under cognitive load. *Journal of Cognitive Enhancement*.
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Meha, R., Obértinca, R., aus der Fünter, K., Leisge, K., & Schaefer, S. (2025). A new injury prevention program ‘FUNBALL’ improves cognitive performance of young football (soccer) players: A cluster randomized controlled trial. *Psychology of Sport and Exercise*, 76, 102743.
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Amico, G., Braun, T., & Schaefer, S. (2023). Can acute resistance exercise facilitate episodic memory encoding? *Current Psychology*, 42, 10910–10923. <https://doi.org/10.1007/s12144-021-02352-9>

Schaefer, S., Riediger, M., Li, C.-S. R., & Lindenberger, U. (2023). Too easy, too hard, or just right: Task-difficulty choices differ by age and gender. *International Journal of Behavioral Development*, 47(3), 253–264. <https://doi.org/10.1177/01650254231160126>

Vieweg, J., Panzer, S., & Schaefer, S. (2023). Effects of age simulation and age on motor sequence learning: Interaction of age-related cognitive and motor decline. *Human Movement Science*, 87, 103025. <https://doi.org/doi.org/10.1016/j.humov.2022.103025>

Schaefer, S., Bill, D., Hoor, M., & Vieweg, J. (2023). The influence of age and age simulation on task-difficulty choices in motor tasks. *Aging, Neuropsychology, and Cognition*, 30(3), 429–454. <https://doi.org/10.1080/13825585.2022.2043232>

Amico, G., & Schaefer, S. (2022). Tennis expertise reduces costs in cognition but not in motor skills in a cognitive-motor dual-task situation. *Acta Psychologica*, 223, 103503. <https://doi.org/10.1016/j.actpsy.2022.103503>

Schaefer, S., & Amico, G. (2022). Table tennis expertise influences dual-task costs in timed and self-initiated tasks. *Acta Psychologica*, 223, 103501. <https://doi.org/10.1016/j.actpsy.2022.103501>

Kaczmarek, C., Schmidt, A., Emperle, A.-S., & Schaefer, S. (2022). The influence of social contexts on motor and cognitive performance: Performing alone, in front of others, or co-acting with others. *Journal of Sport and Exercise Psychology*, 44(2), 77–85. <https://doi.org/10.1123/jsep.2021-0101>

Schaefer, S., Ohlinger, C., & Frisch, N. (2021). Choosing an optimal motor-task difficulty is not trivial: The influence of age and expertise. *Psychology of Sport and Exercise*, 57, 102031. <https://doi.org/10.1016/j.psychsport.2021.102031>

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- Amico, G., & Schaefer, S. (2020). No evidence for performance improvements in episodic memory due to fidgeting, doodling or a "neuro-enhancing" drink. *Journal of Cognitive Enhancement*, 4, 2-11. <https://doi.org/10.1007/s41465-019-00124-9>
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- Schaefer, S. & Lindenberger, U. (2013). Thinking while walking: Experienced high-heel walkers flexibly adjust their gait. *Frontiers in Psychology*, 4, 1-7. <https://doi.org/10.3389/fpsyg.2013.00316>
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Huxhold, O., Schäfer, S., & Lindenberger, U. (2009). Wechselwirkungen zwischen Sensomotorik und Kognition im Alter: Überblick über ein internationales Forschungsfeld. *Zeitschrift für Gerontologie und Geriatrie*, 42, 93-98. <https://doi.org/10.1007/s00391-008-0566-3>

Schaefer, S., Krampe, R. Th., Lindenberger, U., & Baltes, P. B. (2008). Age differences between children and young adults in the dynamics of dual-task prioritization: Body (balance) vs. mind (memory). *Developmental Psychology*, 44, 747-757. <https://doi.org/10.1037/0012-1649.44.3.747>

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Lindenberger, U., & Schaefer, S. (2008). Erwachsenenalter und Alter. In R. Oerter & L. Montada (Hrsg.), *Entwicklungspsychologie* (6. Auflage, pp. 366-409). Weinheim: Beltz.

Schaefer, S. & Bäckman, L. (2007). Normales und pathologisches kognitives Altern. In J. Brandtstädter & U. Lindenberger (Hrsg.), *Lehrbuch zur Entwicklungspsychologie der Lebensspanne*. Stuttgart: Kohlhammer.

Schaefer, S., Huxhold, O., & Lindenberger, U. (2006). Healthy mind in healthy body? A review of sensorimotor-cognitive interdependencies in old age. *European Review of Aging and Physical Activity*, 3, 45-54. <https://doi.org/10.1007/s11556-006-0007-5>

Manuskripte in Vorbereitung

Schaefer, S., & Leisge, K. (eingereicht). Who misses the target when thinking? Soccer expertise influences shooting-accuracies under cognitive load.

Kaczmarek, C., Pelzer, F., Engler, C., Ziegler, A., Bohnenberger, C., & Schaefer, S. (eingereicht). Balancing in front of a virtual audience: Social facilitation or visual fixation effects?

Leisge, K., Pitsch, W., & Schaefer, S. (eingereicht). Spotting the difference from lab to screen: How social distance and anonymity affect dishonesty.

Leisge, K., Heggenberger, A., Kaczmarek, C., Pitsch, W., & Schaefer, S. (in Überarbeitung). Tracing the lines of deceit. Male cheating behavior increases in online versus face-to-face environments over time.

Heggenberger, A., Vieweg, J., & Schaefer, S. (in Überarbeitung). Age simulation effects on full-body motor sequence learning.

Pelzer, F., Leisge, K., Kaczmarek, C. & Schaefer, S. (eingereicht). Spectators lead to overconfidence and risk-taking in males in a motor task.

Wahl, H.-W., Gerstorff, D., Schaefer, S., & Brunner, R. (in Vorbereitung). Frühe Risiko- und Schutzfaktoren menschlicher Entwicklung und ihre lebenslangen Auswirkungen. Buch in der Reihe "Entwicklungspsychologie über die Lebensspanne".

Mitglied des Editorial Boards

Frontiers in Psychology: Movement Science and Sport Psychology

Ad-hoc Rewiever

Age (Journal for the American Aging association)
Aging, Neuropsychology, and Cognition
Applied Developmental Psychology
Archives of Physical Medicine and Rehabilitation
Behavior and Brain Functions
Brain, Mind, and Education
Developmental Psychology
Disability and Rehabilitation
Ergonomics
European Journal of Applied Physiology
European Journal of Developmental Psychology
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Exercise and Sport Science Reviews
Experimental Brain Research
Experimental Child Psychology
Experimental Gerontology
Frontiers in Human Neuroscience
Frontiers in Neuroscience
Frontiers in Psychology
German Journal of Exercise and Sport Research
Gerontology
GeroPsych: The Journal of Gerontopsychology and Geriatric Psychiatry
Human Brain Mapping
Innovations in Aging
International Journal of Aging and Human Development
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Journal of Experimental Psychology: General
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Journal of Motor Behavior
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Memory

Motor Control
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NeuroImage
Neuropsychological Rehabilitation
Neuroscience Letters
Perceptual and Motor Skills
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Psychology of Sport and Exercise
Research Quarterly for Exercise and Sport
Scandinavian Journal of Medicine and Science in Sports
Sports Biomechanics
Sports Medicine
Sportwissenschaft
Stroke
Zeitschrift für Sportpsychologie

Reviewer für Forschungsförderung

Deutsche Forschungsgemeinschaft (DFG)
Ministry of Science, Technology, and Space, Israel
Research Grants Council, Hong Kong, China
Swiss National Science Foundation
Wellcome Trust

Professionelle Anbindungen

Deutsche Gesellschaft für Psychologie (DGPs)
Arbeitsgemeinschaft für Sportpsychologie (ASP)

Betreuung von Dissertationen

Fabian Pelzer (seit Januar 2025, Universität des Saarlandes)
Anna Heggenberger (seit Juni 2023, Universität des Saarlandes)
Kai Leisge (seit April 2022, Universität des Saarlandes)
Rina Meha (seit Juli 2020, Universität des Saarlandes; externe Dissertation)
Janine Vieweg (Verteidigung 2022, Universität des Saarlandes)
Gianluca Amico (Verteidigung 2020, Universität des Saarlandes)
Maike Kleemeyer (Verteidigung 2017, Humboldt Universität Berlin, Betreuung
zusammen mit Ulman Lindenberger)