

## Ausbildung

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

## Berufserfahrung

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|--------------------------|--|
| 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., 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>

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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. (2021). Negative effects of embodiment in a visual spatial working memory task in children, young adults, and adults. *Frontiers in Psychology, 12*, 688147. <https://doi.org/10.3389/fpsyg.2021.688174>

Möhring, W., Klupp, S., Segerer, R., Schaefer, S., & Grob, A. (2020). Effects of various executive functions on adults' and children's walking. *Journal of Experimental Psychology: Human Perception and Performance, 46*, 629-642. <https://doi.org/10.1037/xhp0000736>

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Schaefer, S. (2018). Why is it difficult to cross the street while talking? *Frontiers for Young Minds, 6*, 30. <https://doi.org/10.3389/frym.2018.00030>

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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>

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Lövdén, M., Schaefer, S., Pohlmeier, A., & Lindenberger, U. (2008). Walking variability and working memory load in aging: A dual-process account relating cognitive control to motor control performance. *Journal of Gerontology: Psychological Science, 63B*, P121- P128. <https://doi.org/10.1093/geronb/63.3.P121>

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>

Frontiers in Psychology: Movement Science and Sport Psychology  
Frontiers in Psychology: Psychology of Aging

## 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  
European Journal of Sport Sciences  
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  
Journal of Experimental Child Psychology  
Journal of Experimental Psychology: General  
Journal of Gerontology: Psychological Science  
Journal of Motor Behavior  
Journal of Psychophysiology  
Journal of Speech, Language, and Hearing Research  
Journal of the American Aging Association  
Medicine and Science in Sports and Exercise  
Memory  
Motor Control  
Multisensory Research  
Nature  
Neurobiology of Learning and Memory  
Neuropsychological Rehabilitation  
Neuroscience Letters  
Perceptual and Motor Skills  
PLOS One  
Psychological Research

Psychology and Aging  
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)  
EGREPA- European Group for Research into Elderly and Physical Activity  
International Society for Posture and Gait Research  
International Society for the Study of Behavioral Development (ISSBD)