

# CURRICULUM VITAE - DR. CHRISTINA RÖCKE

*Co-Director & Senior Researcher*

University of Zurich

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**h-index:** 29 (Google Scholar) / 22 (Web of Science)

## Education

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- 2006            **Ph. D.** (Dr. phil., Summa cum laude), Psychology, Free University Berlin / Max Planck Institute for Human Development (Center for Lifespan Psychology)
- 2002            **M. A.** (Dipl.-Psych.), Free University Berlin
- 1999 – 2000    Academic stay abroad, Louisiana State University, Baton Rouge, LA, USA (Fulbright Stipend); Graduate Program Developmental Psychology

## Professional Positions

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- 2023 –            **Co-Director & Senior Researcher**, UZH Healthy Longevity Center, University of Zurich, Switzerland
- 2021 –            **Scientific Managing Director**, Center for Gerontology, University of Zurich, Switzerland
- 2013 – 2024      **Deputy Director and Research Group Leader**, University Research Priority Program (URPP) «Dynamics of Healthy Aging», University of Zurich, Switzerland
- 2009 – 2012      **Research Group Leader and Scientific Program Coordinator**, International Normal Aging and Plasticity Imaging Center (INAPIC), University of Zurich, Switzerland
- 2007 – 2009      **Postdoctoral Researcher**, Department of Psychology (Developmental Psychology: Adulthood, Prof. Dr. A. M. Freund) University of Zurich, Switzerland
- 2006 – 2007      **Postdoctoral Researcher**, Department of Psychology (Lifespan Lab, Prof. Dr. M. Lachman), Brandeis University, Waltham, MA, USA
- 2002 – 2006      **Predocctoral Researcher**, Max Planck Institute for Human Development, Berlin, Germany (PhD Advisors : Jacqui Smith, Paul B. Baltes, Ulman Lindenberger)

## Approved Research Projects and Third Party Fund Acquisition

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2024 – 2028	<i>Mapping Real-Life Mobility and Healthy Aging: Longitudinal Cohorts in Switzerland and Luxembourg (MAMBHA)</i> , ( <a href="https://data.snf.ch/grants/grant/219855">https://data.snf.ch/grants/grant/219855</a> ) Swiss National Science Foundation (790'516 CHF, <u>Role</u> : Co-PI)
2024 – 2026	<i>Mobility, Activity, and Social Interactions Study (MOASIS): 2nd Measurement-Burst</i> Hedwig Widmer Stiftung (75'000 CHF, <u>Role</u> : PI)
2022 – 2026	<i>UZH Healthy Longevity Innovation Center</i> Velux Stiftung (2.9 Mio. CHF, <u>Role</u> : Co-PI)
2017 – 2024	<i>University Research Priority Program (URPP) «Dynamics of Healthy Aging»: Phase II &amp; III</i> University of Zurich (7.87 + 3.96 Mio. CHF, <u>Role</u> : Co-Investigator & member of grant application consortium, PIs: M. Martin, L. Jäncke, UZH)
2017 – 2020	<i>Novel Empowering Solutions and Technologies for Older people to Retain Everyday life activities — NESTORE</i> European Commission (H2020 Call SC1-2016-2017, Personalized Medicine, Research and Innovation Action (5 Mio EUR/UZH: 293'000 EUR, <u>Role</u> : Co-PI: Domain expert for cognition and social relations in healthy ageing)
2015 – 2022	<i>Individualized Real-Life Technologies Laboratory for Healthy Aging Research - MOASIS-Project</i> Velux Stiftung (1.4 Mio. CHF, <u>Role</u> : Co-PI)
2008 – 2009	<i>What Good are Positive Illusions in Adopting and Maintaining a Weight-Loss Goal?</i> Biäsch Stiftung zur Förderung der Angewandten Psychologie (10'000 CHF, <u>Role</u> : PI)

## Teaching & Supervision of Junior Researchers

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- Regular teaching activities at University of Zurich and Zurich University of Applied Sciences (ZHAW) at B.Sc. and M. Sc. Level: Lifespan development and aging; healthy aging; emotion and emotion regulation, subjective well-being, motivation and aging; daily life ambulatory assessments; views on ageing aging; participatory aging research
- Faculty Member, International Max Planck Research School on the Life Course (LIFE)
- Curriculum development & lecturing, UZH International Summer School «Healthy Longevity»

*Member of PhD Committee at Department of Geography, University of Zurich, Domain Expert for Psychological Ageing*

2022 – Alexandra Georgescu (GIScience)  
2022 – Changyu Han (GIScience)  
2021 – 2022 Michael Balmer (GIScience)  
2017 – 2020 Hoda Allahbakhshi (GIScience)  
2015 – 2018 Michelle Fillekes (GIScience)

*Co-Advisor for PhD Theses at Department of Psychology*

2020 – 2024 Melanie Becker (Psychology)  
2016 – 2019 Marko Katana (Psychology)  
2015 – 2018 Sabrina Guye (Psychology)

*Co-Advisor for Interdisciplinary Masters Theses*

2019 – 12 theses in psychology and GIScience within MOASIS project on mobility, cognition and well-being and within SWISS100 Centenarian Study)

## **Editorial Service**

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*Member of Editorial Board*

2023 – 2026 Cognition and Emotion (Associate Editor)  
2018 – 2023 Psychology and Aging  
2015 – 2026 Gerontology (2021– Section Editor Behavioral Section)  
2013 – Journal of Gerontopsychology and Geriatric Psychiatry (GeroPsych)

*Guest Editorships*

2022 Health and Place, «Mobility, Health, and Place: Advances in mobile sensor-based mobility and health research»  
2019 Journal of Gerontopsychology and Geriatric Psychiatry (GeroPsych), «Aging Dyads and Health: New perspectives on interpersonal processes in aging»  
2019 Frontiers in Human Neuroscience, «Longitudinal Aging Research: Cognition, Behavior and Neuroscience»  
2016 The Journal of Gerontopsychology and Geriatric Psychiatry (GeroPsych), «Monitoring and promoting old age health stabilization in real life»  
2014 Gerontology, «Bridging the Gap II: Quality of life and multimorbidity»  
2012/2013 The Journal of Gerontopsychology and Geriatric Psychiatry (GeroPsych), «Functional approaches to the development of stability across the lifespan»  
2011 Gerontology, «Bridging the Gap I: Maintaining and promoting mobility and functional independence in older adults»  
2010 European Journal of Ageing, «Longitudinal perspectives on midlife development»

## Ad-hoc Reviewer

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Aging and Mental Health; Aging, Neuropsychology, and Cognition; Canadian Journal on Aging; Cognition and Emotion; Developmental Psychology; European Journal of Ageing; European Journal of Personality; European Psychologist; Frontiers: Emotion Science; Human Development; International Journal of Behavioral Development; Journal of Applied Gerontology; Journals of Gerontology: Psychological Sciences & Social Sciences; The Journal of Gerontopsychology and Geriatric Psychiatry; Journal of Happiness Studies; Gerontology; Methodology; Motivation and Emotion; PLOS ONE; Psychology and Aging; Research in Human Development; Research on Aging; Restorative Neurology and Neuroscience; The International Journal of Aging and Human Development; The Lancet Healthy Longevity

## International and National Networking and Collaboration

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### Co-PI / Member of Research Team

2025 – 2028      **ZuReach:** *Zurich Urban Reachability & Accessibility Enhancement Through Digital Technology*

<https://www.geo.uzh.ch/en/units/gis/research/zureach.html>

PI: Dr. Hoda Allahbakhshi (Digital Society Initiative, Department of Geography, UZH Healthy Longevity Center, University of Zurich)

2023 – 2027      **Mobitec-Routes:** *Increasing habitual walking by promoting purposeful activities in the neighbourhood: Effects of a personalized, GIS-based intervention for mobility-limited and chronically ill older adults*

<https://mobility.dsbg.unibas.ch/projects/mobitec-routes/>

PI: PD Dr. Timo Hinrichs (University of Jyväskylä, Finland)

2022 – 2027      **Fragment:** *A study on stress in your daily life*

<https://www.fragmentproject.eu/>

PI: Dr. Camille Perchoux (Luxembourg Institute of Socio-Economic Research, Luxembourg)

2020 – 2024      **SWISS100:** *The first nationwide study on centenarians in Switzerland*

<https://wp.unil.ch/swiss100/>

PI: Prof. Dr. Daniela Jopp (University of Lausanne, Switzerland)

### Member of Scientific Associations

German Psychological Association (DGPs; Interest Group Developmental Psychology)

Swiss Gerontological Association Gerontologie.CH (*since 2024: Board Member*)

Gerontological Society of America (GSA)

Society for Ambulatory Assessment (SAA)

### Member of Scientific Advisory or Sounding Board

2026 –              Silbernetz Schweiz / malreden (President)

2026 –              Stiftung Hopp-la: Generationen in Bewegung

2024 –              «Aging Strategy» City of Zurich

2024 –              Citizen Science project «ältertätig» (Post-Retirement Career Pathways)

2024 –              Social Prescribing – Pilot project City of Zurich

## Academic Services: Member of Program Committee

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2022	Conference of the Swiss Psychological Society, University of Zurich
2021	International Mobility, Health, and Place Workshop, University of Zurich
2021	Society for Ambulatory Assessment Conference, University of Zurich
2017 / 2019	Ageing & Cognition Conference, University of Zurich
2010 – 2016	6 international workshops on diverse themes in the area of «healthy ageing», University of Zurich

## Awards

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2009	Vontobel-Award for Research on Ageing, Center for Gerontology, University of Zurich
2008	APA Division 20 and The Retirement Research Foundation Award for Completed Post-Doctoral Research
2006	Travel Stipend for Cognitive Aging Conference, German Research Foundation
2002 – 2005	PhD Stipend, International Max Planck Research School LIFE
1999 – 2000	Stipend for Graduate Studies, German-American Fulbright Commission

## Publications

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### *Journal Articles (peer-reviewed)*

Luo, M., Weber, E., Pauly, T., Kolodziejczak-Krupp, K., Gerstorf, D., Hoppmann, C. A., Ram, N., Hülür, G., & **Röcke, C.** (2026). Leisure activities and working memory in older age: The mediating roles of affect and cortisol. *Psychology and Aging*, 41(1), 36–50.  
<https://doi.org/10.1037/pag0000935>

Perchoux, C., Topalian, N., Klein, S., Chaix, B., Tharrey, M., **Röcke, C.**, et al. (2025). Geographic environments, daily activities and stress in Luxembourg (the FragMent study): a protocol combining map-based questionnaires, geographically explicit ecological momentary assessment and vocal biomarkers of stress. *BMJ Open*; 15:e105499.  
<https://doi.org/10.1136/bmjopen-2025-105499>

Hinrichs, T., Schilling, R., Sofios, A., ..., **Röcke, C.**, & Weibel, R. (2025). Personalised, GIS-based counselling to promote habitual walking in mobility-limited and chronically ill older adults: protocol of the MOBITEC-Routes randomised controlled trial. *BMC Geriatrics*, 25, 471. <https://doi.org/10.1186/s12877-025-06113-2>

Gomes da Rocha, C., Jopp, D. S., Hoffman, A., Falciola, J., Cavalli, S., Herrmann, F., Martin, M., **Röcke, C.**, Verloo, H., Ribeiro, O., & von Gunten, A. (2025). The role of functional dependence in depressive symptoms among centenarians: Findings from the SWISS100 Study. *International Psychogeriatrics*, <https://doi.org/10.1016/j.inpsyc.2025.100071>.

Wang, R., Rossetto, L., Mérillat, S., **Röcke, C.**, Martin, M., & Bernstein, A. (2025). Deep Generative Model-Based Generation of Synthetic Individual-Specific Brain MRI Segmentations. <https://arxiv.org/abs/2504.12352v2>

Luo, M., Kim, E.-K., Weibel, R., Martin, M., & **Röcke, C.** (2025). Distance from home and working memory: Daily associations varying by neighborhood environments in community-dwelling older adults. *European Journal of Ageing*, 22, 17. <https://doi.org/10.1007/s10433-025-00841-5>

**Röcke, C.** (2025). Longevity—The dream of eternal life or the need for a culture of aging well. *Revista Española de Geriatria y Gerontología*, 60 (6). <https://doi.org/10.1016/j.regg.2025.101702>.

Neff, P., Demiray, B., Martin, M., & **Röcke, C.** (2024). Cognitive abilities predict naturalistic speech length in older adults. *Scientific Reports*, 14, 31031. <https://doi.org/10.1038/s41598-024-82144-w>

Uittenhove, K., Rohner, S. L., Falciola, J., Gomes da Rocha, C., **Röcke, C.**, Cavalli, S., Herrmann, F., Jopp, D. S., & von Gunten, A. (2024). Mental health among centenarians living in Switzerland. *Psychogeriatrics*, 24, 887-896. <https://doi.org/10.1111/psyg.13137>

Luo, M., Moulder, R. G., Breifelder, L. K., & **Röcke, C.** (2024). Activity diversity and well-being in daily life: Evidence for heterogeneity between older adults. *Journals of Gerontology: Psychological Sciences*, 79(6): gbae025. <https://doi.org/10.1093/geronb/gbae025>

Luo, M., Moulder, R. G., Weber, E., & **Röcke, C.** (2023). The mediating role of affective states in short-term effects of activity engagement on working memory in older age. *Gerontology*, 69, 1448–1460. <https://doi.org/10.1159/000534130>

Luo, M., Moulder, R. G., & **Röcke, C.** (2023). The short-term effects of activity engagement on working memory performance in older age. *Psychology and Aging*, 38(2):117-131. <https://doi.org/10.1037/pag0000727>

Luo, M., Moulder, R. G., Breifelder, L. K., & **Röcke, C.** (2023). Daily activity diversity and daily working memory in community-dwelling older adults. *Neuropsychology*, 37(2):181-193. <https://doi.org/10.1037/neu0000878>

Riese, F., Theill, N., Gerstorf, D., Eicher, S., Geschwindner, H., **Röcke, C.**, Wolf, H., & Martin, M. (2023). Similar dynamics of terminal functional decline in nursing home residents with and without dementia. *Global Psychiatry Archives*, 6(1):14-27. <https://doi.org/10.52095/gpa.2023.6282.1067>

**Röcke, C.**, Luo, M., Bereuter, P., Katana, M., Fillekes, M., Gehriger, V., Sofios, A., Martin, M., & Weibel, R. (2023). Charting everyday activities in later life: Study protocol of the mobility, activity, and social interactions study (MOASIS). *Frontiers in Psychology*, 13:1011177. <https://doi.org/10.3389/fpsyg.2022.1011177>

Luo, M., Kim, E.-K., Weibel, R., Martin, M., & **Röcke, C.** (2023). GPS-derived daily mobility and daily well-being in community-dwelling older adults. *Gerontology*:1-13. <https://doi.org/10.1159/000527827>

Luo, M., Pauly, T., **Röcke, C.**, & Hülür, G. (2022). Alternating time spent on social interactions and solitude in healthy older adults. *British Journal of Psychology*:1-22. <https://doi.org/10.1111/bjop.12586>

Potter, S., **Röcke, C.**, Gerstorf, D., Brose, A., Kolodziejczak, K., Hoppmann, C., Ram, N., & Drewelies, J. (2022). Partner Pain and Affect in the Daily Lives of Older Couples. *Journals of Gerontology, Series B: Psychological Sciences and Social Sciences*, 77(7):1197-1209. <https://doi.org/10.1093/geronb/gbab188>

Botros, A. A.; Schuetz, N.; **Röcke, C.**; Weibel, R.; Martin, M.; Müri, R. M.; & Nef, T. (2022). Eigenbehaviour as an Indicator of Cognitive Abilities. *Sensors*, 22(7):2769.

<https://doi.org/10.3390/s22072769>

Angelini, L., El Kamali, M., Mugellini, E., Abou Khaled, O., **Röcke, C.**, Porcelli, S., Mastropietro, A., Rizzo, G., Boqué, N., del Bas, J. M., Palumbo, F., Girolami, M., Crivello, A., Ziyilan, C., Subías-Beltrán, P., Orte, S., Standoli, C. E., Fernandez Maldonado, L., Caon, M., ... Andreoni, G. (2022). The NESTORE e-Coach: Designing a Multi-Domain Pathway to Well-Being in Older Age. *Technologies*, 10(2), 50. <https://doi.org/10.3390/technologies10020050>

Mastropietro, A., Palumbo, F., Orte, S., Girolami, M., Furfari, F., Baronti, P., Candea, C., **Röcke, C.**, Tarro, L., Sykora, M., Porcelli, S., & Rizzo, G. (2021). A multi-domain ontology on healthy ageing for the characterization of older adults' status and behaviour. *Journal of Ambient Intelligence and Humanized Computing*. <https://doi.org/10.1007/s12652-021-03627-6>

Allahbakhshi, H., **Röcke, C.**, & Weibel, R. (2021). Assessing the Transferability of Physical Activity Type Detection Models: Influence of Age Group Is Underappreciated. *Frontiers in Physiology*, 12:738939. <https://doi.org/10.3389/fphys.2021.738939>

Freund, A. M., Hennecke, M., Brandstätter, V., Martin, M., Boker, S. M., Charles, S. T., Fishbach, A., Hess, T. M., Heckhausen, J., Gow, A. J., Isaacowitz, D. M., Klusmann, V., Lachman, M. E., Mayr, U., Oettingen, G., Robert, P., **Röcke, C.**, Rothermund, K., Scholz, U., Tobler, P. N., Zacher, H., Zadeh, R. S., Participants of the Workshop "Motivation and Healthy Aging" in Zurich, Switzerland, December 2019 (2021). Motivation and Healthy Aging: A Heuristic Model, *The Journals of Gerontology: Series B*, Volume 76, Issue Supplement\_2, S97–S104. <https://doi.org/10.1093/geronb/gbab128>

Charles, S., **Röcke, C.**, Zadeh, R., Martin, M., Boker, S., & Scholz, U. (2021). Leveraging daily social experiences to motivate healthy aging. *Journals of Gerontology: Series B*, 76, Issue Supplement\_2, S157-S166. <https://doi.org/10.1093/geronb/gbab028>

Palumbo F., Crivello A., Furfari F., Girolami M., Mastropietro A., Manfredelli G., **Röcke C.**, Guye S., Salvá Casanovas A., Caon M., Carrino F., Abou Khaled O., Mugellini E., Denna E., Mauri M., Ward D., Subías-Beltrán P., Orte S., Candea C., Candea G., & Rizzo G (2020) "Hi This Is NESTORE, Your Personal Assistant": Design of an Integrated IoT System for a Personalized Coach for Healthy Aging. *Frontiers in Digital Health*, 2:545949. <https://doi.org/10.3389/fdgth.2020.545949>

Kamali, E. L., Angelini, A., Caon, M., Carrino, M., **Röcke, C.**, Guye, S., et al. (2020). Virtual Coaches for Older Adults' Wellbeing: A Systematic Review. *IEEE Access*, 8, 101884-101902. <https://doi.org/10.1109/ACCESS.2020.2996404>

Knoll, N., Keller, J., Luszczynska, A., Scholz, U., **Röcke, C.**, Schrader, M., & Heckhausen, J. (2020). Control strategies and daily affect: Couples adapt to new functional limitations. *GeroPsych*, 33, 155-169. <https://doi.org/10.1024/1662-9647/a000229>

Oswald, J., Mérillat, S., Liem, F., **Röcke, C.**, Martin, M., & Jäncke, L. (2019). Lagged Coupled Changes Between White Matter Microstructure and Processing Speed in Healthy Aging: A Longitudinal Investigation. *Frontiers in Aging Neuroscience*, 11:298. <https://doi.org/10.3389/fnagi.2019.00298>

Katana, M., **Röcke, C.**, & Allemand, M. (2019). Intra- and interindividual differences in the within-person coupling between daily pain and affect of older adults. *Journal of Behavioral Medicine*, 43, 707–722. <https://doi.org/10.1007/s10865-019-00099-0>

Fillekes, M. P., **Röcke, C.**, Katana, M., & Weibel, R. (2019). Self-reported versus GPS-derived indicators of daily mobility in healthy aging research: Findings from the MOASIS Project. *Social Science & Medicine*, 220, 193-202.

<https://doi.org/10.1016/j.socscimed.2018.11.010>

Guye, S., **Röcke, C.**, Martin, M., & von Bastian, C. (2019). Functional Ability in Everyday Life: Are Associations with an Engaged Lifestyle Mediated by Working Memory? *The Journals of Gerontology: Psychological Sciences*, gbx056. <https://doi.org/10.1093/geronb/gbz056>

Katana, M., **Röcke, C.**, Spain, S. M., & Allemand, M. (2019). Emotion regulation, subjective well-being, and perceived stress in daily life of geriatric nurses. *Frontiers in Psychology*, 10:1097.

<https://doi.org/10.3389/fpsyg.2019.01097>

Oschwald, J., Guye, S., Liem, F., Rast, P., Willis, S., **Röcke, C.**, Jäncke, L., Martin, M., & Mérillat, S. (2019). Brain Structure and Cognitive Ability in Healthy Aging: A Review on Longitudinal Correlated Change. *Reviews in the Neurosciences*.

<https://doi.org/10.1515/revneuro-2018-0096>

Martin, M., Weibel, R., **Röcke, C.**, & Boker, S. (2018). Semantic Activity Analytics for Healthy Aging: Challenges and opportunities. *IEEE Pervasive Computing*, 17, 73-77.

<https://doi.org/10.1109/MPRV.2018.03367738>

Lokka, I. E., Çöltekin, A., Wiener, J., Fabrikant, S. I., & **Röcke, C.** (2018). Virtual environments as memory training devices in navigational tasks for older adults. *Scientific Reports*, 8: 10809.

<https://doi.org/10.1038/s41598-018-29029-x>

Zimmermann, K., von Bastian, C., **Röcke, C.**, Martin, M., & Eschen, A. (2016). Transfer after Process-Based Object-Location Memory Training in Healthy Older Adults. *Psychology and Aging*, 31, 798-814. <https://psycnet.apa.org/doi/10.1037/pag0000123>

Binder, J., Martin, M., Zöllig, J., **Röcke, C.**, Mérillat, S., Eschen, A., Jäncke, L., & Shing, Y. L. (2016). Multi-domain training enhances executive attentional control. *Psychology and Aging*, 1, 390-408.

<https://psycnet.apa.org/doi/10.1037/pag0000081>

Binder, J., Zöllig, J., Eschen, A., Mérillat, S., **Röcke, C.**, Schoch, S. F., Jäncke, L., & Martin, M. (2015). Multi-domain training in healthy old age: Hotel Plastisse as an iPad-based serious game to systematically compare multi-domain and single-domain training. *Frontiers in Aging Neuroscience*, 7:137.

<https://doi.org/10.3389/fnagi.2015.00137>

**Röcke, C.**, & Brose, A. (2015). Affektives Wohlbefinden und Affektregulation im Erwachsenenalter: Von Stabilität, Variabilität und deren Zusammenspiel [Affective well-being and affect regulation in adulthood: Of stability, variability and their interplay]. *Psychotherapie im Alter*, 12, 153-169.

**Röcke, C.**, & Brose, A. (2013). Intraindividual variability and stability of affect and well-being: Short-term and long-term change and stabilization processes. *The Journal of Gerontopsychology and Geriatric Psychiatry*, 26, 185-199.

<https://psycnet.apa.org/doi/10.1024/1662-9647/a000094>

Smith, J., Ryan, L. H., & **Röcke, C.** (2013). The day-to-day effects of conscientiousness on well-being. *Research in Human Development*, 10, 1-17.

<https://doi.org/10.1080/15427609.2013.760257>

**Röcke, C.**, Hoppmann, C., & Klumb, P. (2011). Correspondence between retrospective and momentary ratings of positive and negative affect in old age: Findings from a one-year measurement burst design. *Journals of Gerontology: Psychological Sciences*, 66B, 411-415.

<https://doi.org/10.1093/geronb/gbr024>

Zöllig, J., Mérillat, S., Eschen, A., **Röcke, C.**, Martin, M., & Jäncke, L. (2011). Plasticity and imaging research in healthy aging: Core ideas and profile of the International Normal Aging and Plasticity Imaging Center (INAPIC). *Gerontology*, 57, 190–192.

<https://doi.org/10.1159/000324307>

Gerstorf, D., **Röcke, C.**, & Lachman, M. (2010). Antecedent-consequent relations of perceived control to health and social support: Longitudinal evidence for between-domain associations across adulthood. *Journals of Gerontology: Psychological Sciences*, 66B, 61–71.

<https://doi.org/10.1093/geronb/gbq077>

Grühn, D., Kotter-Grühn, D., & **Röcke, C.** (2010). Discrete affects across the adult lifespan: Evidence for multidimensionality and multidirectionality of affective experiences in young, middle-aged and older adults. *Journal of Research in Personality*, 44, 492–500.

<https://doi.org/10.1016/j.jrp.2010.06.003>

**Röcke, C.**, Li, S.-C., & Smith, J. (2009). Intraindividual variability in positive and negative affect over 45 days: Do older adults fluctuate less than young adults? *Psychology and Aging*, 24, 863–878. <https://doi.org/10.1037/a0016276>

Gerstorf, D., Ram, N., **Röcke, C.**, Lindenberger, U. & Smith, J. (2008). Decline in life satisfaction in old age: Longitudinal evidence for links to distance-to-death. *Psychology and Aging*, 23, 154–168. <https://doi.org/10.1037/0882-7974.23.1.154>

Li, S.-C., Schmiedeck, F., Huxhold, O., **Röcke, C.**, Smith, J., & Lindenberger, U. (2008). Working memory plasticity in old age: Practice gain, transfer, and maintenance. *Psychology and Aging*, 23, 731–742. <https://doi.org/10.1037/a0014343>

Lachman, M. E., **Röcke, C.**, Rosnick, C. B., & Ryff, C. D. (2008). Realism and illusion in Americans' temporal views of their life satisfaction: Age differences in reconstructing the past and anticipating the future. *Psychological Science*, 19, 889–897. <https://doi.org/10.1111/j.1467-9280.2008.02173.x>

**Röcke, C.**, & Lachmann, M. E. (2008). Perceived trajectories of life satisfaction across past, present, and future: Profiles and correlates of subjective change in young, middle-aged, and older adults. *Psychology and Aging*, 23, 833–847.

<https://psycnet.apa.org/doi/10.1037/a0013680>

Gerstorf, D., Lövdén, M., **Röcke, C.**, Smith, J. & Lindenberger, U. (2007). Well-being affects changes in perceptual speed in advanced old age: Longitudinal evidence for a dynamic link. *Developmental Psychology*, 43, 705–718. <https://doi.org/10.1037/0012-1649.43.3.705>

**Röcke, C.**, & Cherry, K. E. (2002). Death at the end of the 20th century: Individual processes and developmental tasks in old age. *International Journal of Aging and Human Development*, 54, 315–333.

<https://doi.org/10.2190/19fw-gd24-gc5h-dxhw>

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### *Special Editions (Editorials with peer-review)*

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Kim, E.-K., Conrow, L., **Röcke, C.**, Chaix, B., Weibel, R., & Perchoux, C. (2023). Advances and challenges in sensor-based research in mobility, health, and place. *Health & Place*, 79:102972. <https://doi.org/10.1016/j.healthplace.2023.102972>

Mérillat, S., **Röcke, C.**, Martin, M., & Jäncke, L. (2022). Longitudinal aging research: Cognition, behavior and neuroscience. *Frontiers in Human Neuroscience*, 16, 1002560. <https://doi.org/10.3389/fnhum.2022.1002560>

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### **Conference Proceedings (peer-reviewed)**

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Mastropietro, A., **Röcke, C.**, Porcelli, S., del Bas, J., Boquè, N., Fernandez Maldonado, L., & Rizzo, G. (2019). Multi-domain model of healthy ageing: The experience of the H2020 NESTORE project. In A. Leone, A. Caroppo, G. Rescio, G. Diraco, & P. Siciliano (Eds.), *Ambient Assisted Living. ForItAAL 2018. Lecture Notes in Electrical Engineering* (Vol. 544, pp. 13-21). Cham: Springer. [https://doi.org/10.1007/978-3-030-05921-7\\_2](https://doi.org/10.1007/978-3-030-05921-7_2)

Angelini, L., El Kamali, M., Mugellini, E., Khaled, O. A., **Röcke, C.**, Guye, S., Porcelli, S., Mastropietro, A., Rizzo, G., Boquè, N., del Bas, J. M., Subias, P., Orte, S., & Andreoni, G. (2019). The NESTORE e-coach: accompanying older adults through a personalized pathway to wellbeing. In *Proceedings of the 12th ACM International Conference on PErvasive The NESTORE e-Coach: Designing a Multi-Domain Pathway to Well-Being in Older Related to Assistive Environments (PETRA '19)*. Association for Computing Machinery, New York, NY, USA, 620-628. <https://doi.org/10.1145/3316782.3322763>

Orte, S., Subias, P., Fernandez, L., Mastropietro, A., Porcelli, S., Rizzo, G., Boquè, N., Guye, S., **Röcke, C.**, Andreoni, G., Crivello, A., & Palumbo, F. (2018). Dynamic decision support system for personalized coaching to support active ageing. In *Proceedings of the Fourth Italian Workshop on Artificial Intelligence for Ambient Assisted Living* (pp. 16-36), Trento, Italy.

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### **Book Chapters, Encyclopedia Entries, Monographies (peer-reviewed)**

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Macdonald, B., Becker, M., Martin, M., & **Röcke, C.** (2024). Mobile sensing in aging research. In M. R. Mehl, M. Eid, C. Wrzus, G. M. Harari, & U. W. Ebner-Priemer (Eds.), *Mobile sensing in psychology: Methods and applications* (pp. 617-635). The Guilford Press

**Röcke, C.**, Angelini, L., Guye, S., El Kamali, M., Caon, M., Khaled, O. A., & Mugellini, E. (2021) Coaching Older Adults Towards a Healthier Lifestyle: Psychological and Technological Methods. In G. Andreoni & C. Mambretti (Eds), *Digital Health Technology for Better Aging. Research for Development*. Springer, Cham. <https://doi.org/10.1007/978-3-030-72663-810>

**Röcke, C.**, Guye, S., Girolami, M., & Kniestedt, I. (2021). Social Behaviour and Cognitive Monitoring in Healthy Ageing. In G. Andreoni & C. Mambretti (Eds), *Digital Health Technology for Better Aging. Research for Development*. Springer, Cham. <https://doi.org/10.1007/978-3-030-72663-86>

Sykora, M., Elayan, S., Angelini, L., **Röcke, C.**, El Kamali, M., Mugellini, E., & Guye, S. (2021) Understanding Older Adults' Affect States in Daily Life for Promoting Self-reflection About Mental Wellbeing. In G. Andreoni & C. Mambretti (Eds), *Digital Health Technology for Better Aging. Research for Development*. Springer, Cham. <https://doi.org/10.1007/978-3-030-72663-811>

Guye S., **Röcke C.**, Mérillat S., von Bastian C.C., Martin M. (2021). Cognitive Training Across the Adult Lifespan. In T. Strobach & J. Karbach (Eds), *Cognitive Training*. Springer, Cham. <https://doi.org/10.1007/978-3-030-39292-510>

**Röcke, C.**, Brose, A., & Kuppens, P. (2018). Emotion Dynamics in Older Age. In P. M. Cole & T. Hollenstein (Eds.), *Emotion regulation: A matter of time, part II: Development of emotion regulation as a dynamic, real-time process*. Routledge/Taylor & Francis: London. <https://doi.org/10.4324/9781351001328>

Mérillat, S., **Röcke, C.**, & Martin, M. (2018) Altern, Entwicklung im Alter und Alternstheorien. In U. Granacher, H. Mechling & C. Voelcker-Rehage (Eds.). *Handbuch Bewegungs- und Sportgerontologie*. Schorndorf: Hofmann.

**Röcke, C.** (2015). Life satisfaction. In S. K. Whitbourne (Ed.), *The Encyclopedia of Adulthood and Aging (Vol. 3)*. Hoboken, NJ: Wiley.

**Röcke, C.** & Martin, M. (2012). Ressourcen. In H.-W. Wahl, C. Tesch-Römer, & J. P. Ziegelmann (Eds.). *Angewandte Gerontologie. Interventionen für ein gutes Altern in 100 Schlüsselbegriffen* (pp. 109-115). Stuttgart: Kohlhammer.

Kotter-Grühn, D., Kleinspehn-Ammerlahn, A., Hoppmann, C., **Röcke, C.**, Rapp, M., Gerstorff, D., & Ghisletta, P. (2010). Veränderungen im hohen Alter: Zusammenfassung längsschnittlicher Befunde der Berliner Altersstudie. In U. Lindenberger, J. Smith, K. U. Mayer & P. B. Baltes (Eds.), *Die Berliner Altersstudie* (3rd ed., pp. 659–689). Berlin: Akademie Verlag. <https://hdl.handle.net/11858/00-001M-0000-0024-F39A-D>

Lachman, M.E., Rosnick, C., & **Röcke, C.** (2009). The rise and fall of control beliefs in adulthood: Cognitive and biopsychosocial antecedents and consequences of stability and change over nine years. In H. Bosworth and C. Hertzog (Eds.), *Aging and cognition: Research methodologies and empirical advances* (pp. 143–160). Washington, D.C.: American Psychological Association. <https://doi.org/10.2307/j.ctv1chs5vm.13>

**Röcke, C.** (2006). *Intraindividual variability in positive and negative affect: Age-related and individual differences in magnitude and coupling with cognitive performance*. Dissertation, Freie Universität Berlin. <http://dx.doi.org/10.17169/refubium-16730>

**Röcke, C.** (2002). *Behaving and Feeling Close: A multidimensional perspective on relationship closeness in old age*. Unveröffentlichte Diplomarbeit, Freie Universität Berlin

World Health Organization (2020). *Decade of healthy ageing: baseline report*. Geneva: World Health Organization; 2020. Licence: CC BY-NC-SA 3.0 IGO. (→ **named contributor to report**)

### ***Talks and Poster Presentations at Conferences & Symposia (Selection)***

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Luo, M., Weibel, R., Zhiyong, Z. & **Röcke, C.** (2025, November). *GPS-Based Mobility and Subjective Age in Young and Older Adults*. Talk presented at the Annual Meeting of the Gerontological Society for America, Boston, USA.

Luo, M., Driver, C., Scott, S., Zavala, D., Hall, C. B., & **Röcke, C.** (2024, November). *Short-Term Associations of Activity Engagement with Cognitive Performance*. Symposium Chair (& Talk), Annual Meeting of the Gerontological Society for America, Seattle, USA.

Luo, M., Kim, E.-K., Weibel, R., Martin, M., & **Röcke, C.** (2023, November). *Out-of-Home Mobility, Daily Working Memory, and Neighborhood Walkability in Healthy Older Adults*. Symposium Chair (& Talk), Annual Meeting of the Gerontological Society for America, Tampa, USA.

Luo, M., Kim, E.-K., Weibel, R., Martin, M., & **Röcke, C.** (2022, November). *GPS-Derived Daily Mobility and Daily Well-Being in Community-Dwelling Older Adults*. Symposium Chair (& Talk), Annual Meeting of the Gerontological Society for America, Indianapolis, USA.

**Röcke, C.**, Luo, M., & Hess, T. M. (2021, November). *Linking Older Adults' Daily Activities With Well-Being and Cognition: Examining Moderators and Mediators*. Symposium-Chair (& Talk), Annual Meeting of the Gerontological Society for America (virtual meeting due to Covid19).

**Röcke, C.**, & Freund, A. M. (2021, June). *Using Ambulatory Assessment to Understand Lifespan Development and Healthy Aging*. Symposium-Chair (& Talk), Society for Ambulatory Assessment Conference, Zurich, Schweiz (virtual meeting due to Covid19).

**Röcke, C.**, Katana, M., Fillekes, M., Martin, M., & Weibel, R. (2018, November). *Mobility, Activity, and Social Interactions in the Daily Lives of Healthy Older Adults*. Poster presented at the Annual Meeting of the Gerontological Society of America, Boston, MA, USA.

**Röcke, C.**, Allemand, M., Weibel, R., Martin, M. & The MOASIS-Team (2018, July). *Mobility, Activity, and Social Interactions in the Daily Lives of Healthy Older Adults*. Poster presented at the Conference of the Swiss Psychological Association, Lausanne, Switzerland.

**Röcke, C.**, Katana, M., Weibel, R., Martin, M., & Allemand, M. (2017, September). *Aktivitäten, Affekt und Stress im Alltag älterer Menschen*. Talk at the Symposium "Stress-Affect-Dynamics Across the Lifespan", Conference of the Developmental Psychology Conference of the German Psychological Association, Münster, Germany.

**Röcke, C.**, & Horn, A. (2017, June). *Exploring Daily Life Activities and Socio-Affective Functioning in Healthy Aging: Findings from Ambulatory Assessment Studies*. Symposium-Chair (& Talk), Society for Ambulatory Assessment Conference, Luxembourg.

**Röcke, C.**, Graham, E. K., & Lachman, M. (2016, November). *Is Personality Related to Cognition in Late Life? Evidence Across Different Subgroups and Different Time Scales*. Symposium-Chair (& Talk), 69<sup>th</sup> Annual Scientific Meeting of The Gerontological Society of America, New Orleans, LA, USA.

**Röcke, C.**, Jäncke, L., & Martin, M. (2016, January). *Measuring real-life activities in healthy older adults using mobile technology*. Poster presented at the Conference of the Swiss Gerontological Association, Fribourg, Schweiz.

**Röcke, C.** (2015, October). *The intraindividual dynamics of emotions in everyday life: Insights regarding depression in adulthood and old age*. Invited Talk at the 17<sup>th</sup> International Psychogeriatric Association Congress, Berlin, Germany.

**Röcke, C.** (2014, September). *Altersunterschiede in kurz- und längerfristiger Veränderung und Stabilisierung im emotionalen Wohlbefinden [Age differences in short- and long-term changes and stabilization of emotional well-being]*. Talk at the 49<sup>th</sup> Congress of the German Psychological Association, Bochum, Germany.

**Röcke, C.** (2013, November). *The short- and long-term coupling of socio-emotional wellbeing during (late) adulthood*. Invited Discussion in Symposium „Longitudinal studies of socio-emotional wellbeing: Short-term variability and long-term changes“, 66<sup>th</sup> Annual Meeting of The Gerontological Society of America, New Orleans, LA, USA.

**Röcke, C.**, & Lachman, M. E. (2008, July). *Optimism, pessimism, and continuity: Individual differences in subjective temporal assessments of life satisfaction across adulthood*. Poster presented at the 15<sup>th</sup> International Congress of Psychology, Berlin.

**Röcke, C.,** Rosnick, C. B., & Lachman, M. E. (2008, July). *Age differences in expectancies for change in life satisfaction*. Talk at the 20<sup>th</sup> Biennial Meeting of the International Society for the Study of Behavioural Development, Würzburg, Germany.

**Röcke, C.,** Hoppmann, C., & Klumb, P. (2006, November). *The sum can represent the average of its parts: Trait and momentary ratings of positive and negative affect in very old age*. Poster presented at the 59<sup>th</sup> Annual Scientific Meeting of The Gerontological Society of America, Dallas, TX, USA.

Fleischauer, C., **Röcke, C.,** & Smith, J. (2006, November). *Does repeated practice over 45 days change task-specific self-efficacy? Age differences in beliefs about memory and balance performance*. Poster presented at the 59<sup>th</sup> Annual Scientific Meeting of The Gerontological Society of America, Dallas, TX, USA.

**Röcke, C.,** & Smith, J. (2006, August). *Long-term change in short-term dynamics of the interplay between well-being and cognition*. Talk at the 114<sup>th</sup> Annual Convention of the American Psychological Association, New Orleans, LA, USA.

**Röcke, C.,** & Smith, J. (2006, April). *Intraindividual variability emotional well-being: The role of age and coupling with daily attention and working memory*. Poster presented at the Cognitive Aging Conference, Atlanta, GA, USA.

Schmiedek, S., Huxhold, O., Li, S.-C., Smith, J., **Röcke, C.,** & Lindenberger, U. (2006, April). *Age differences in lure effects in spatial working memory tasks*. Poster presented at the Cognitive Aging Conference, Atlanta, GA, USA.

**Röcke, C.,** & Smith, J. (2005, November). *Intraindividual variability in positive and negative affect: The role of age and personality and the link to cognitive performance*. Talk at the 58<sup>th</sup> Annual Scientific Meeting of The Gerontological Society of America, Orlando, FL, USA.

**Röcke, C.,** & Gerstorff, D. (2005, November). *Age, cognition, and personality: Between-person differences and within-person associations in micro-longitudinal designs*. Symposium organized and chaired at the 58<sup>th</sup> Annual Scientific Meeting of The Gerontological Society of America, Orlando, FL, USA.

Grühn, D., & **Röcke, C.** (2005, November). *Affective dispersion in young and older adults: Correlates with personality, well-being, and cognition*. Poster presented at the 58<sup>th</sup> Annual Scientific Meeting of The Gerontological Society of America, Orlando, FL, USA.

**Röcke, C.,** & Smith, J. (2005, September). *Altersunterschiede in intraindividueller Variabilität in positivem und negativem Affekt: Hinweise auf verbesserte Emotionsregulation im höheren Erwachsenenalter?* Talk at the 17<sup>th</sup> Congress of the Developmental Psychology within the German Psychological Association, Bochum, Germany.

Grühn, D., & **Röcke, C.** (2005, September). *Emotionen über die Lebensspanne: Wechselwirkungen mit Lebensstil, Kognition und täglichen Stressoren*. Symposium-Chair (& Talk) at the 17<sup>th</sup> Congress of the Developmental Psychology Chapter within the German Psychological Association, Bochum, Germany.

**Röcke, C.,** & Smith, J. (2004, November). *Feeling well and performing well? Age-related differences in the within-person coupling of daily emotional well-being and cognitive performance*. Talk at the 57<sup>th</sup> Annual Scientific Meeting of The Gerontological Society of America, Washington, D. C., USA.

Smith, J., & **Röcke, C.** (2004, November). *Age differences in intraindividual variability in emotional well-being: Cross-domain coupling to cognitive performance and daily stress*. Symposium-Chair (& Talk) at the 57<sup>th</sup> Annual Scientific Meeting of The Gerontological Society of America, Washington, D. C., USA.

**Röcke, C.,** & Smith, C. (2004, September). *Wie man sich fühlt so denkt man auch: Altersunterschiede im dynamischen Zusammenspiel von Wohlbefinden und Kognition*. Talk at the 44<sup>th</sup> Congress of the German Psychological Association, Göttingen, Germany.

**Röcke, C.,** & Smith, J. (2004, July). *The Dynamics of Feeling and Doing: Day-to-day Intraindividual Variability in Emotional Well-Being and Cognitive Performance in Younger and Older Adults*. Poster presented

at the 18<sup>th</sup> Biennial Meeting of the International Society for the Study of Behavioural Development, Ghent, Belgium.

**Röcke, C., & Smith, J.** (2003, November). *Feeling well and doing well: Age differences in the dynamics of intraindividual variability in well-being and cognitive performance*. Poster presented at the 56<sup>th</sup> Annual Scientific Meeting of the Gerontological Society of America, San Diego, CA, USA.

**Röcke, C., & Smith, J.** (2003, September). *Fühlen und Denken: Altersunterschiede in der Dynamik intraindividuellder Variabilität von Wohlbefinden und Kognitiver Leistungsfähigkeit*. Poster presented at the 16<sup>th</sup> Congress of the Developmental Psychology Chapter within the German Psychological Association, Mainz, Germany.

**Röcke, C., & Smith, J.** (2002, September). *Verhalten oder Gefühl? Die Struktur von Nähe in sozialen Beziehungen im hohen Alter*. Talk at the 43<sup>rd</sup> Congress of the German Psychological Association, Berlin, Germany.

**Röcke, C., & Smith, J.** (2002, May). *Die Struktur interpersoneller Nähe im hohen Alter: Zusammenspiel von Verhalten und Gefühlen*. Talk at the Social Network and Social Support Conference, Salzburg, Austria.

Cherry, K. E., Brigman, S., & **Röcke, C.** (2000, April). *Perceptions of forgetfulness in adulthood*. Poster presented at the Cognitive Aging Conference, Atlanta, GA, USA.

Brigman, S., Cherry, K. E., & **Röcke, C.** (2000, March). *Knowledge of memory aging: Relationship to self-reported memory ability*. Poster presented at the Southeastern Psychological Association Meeting, New Orleans, LA, USA.