SABRINA GUYE

CURRICULUM VITAE

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EDUCATION

since 2014	**Doctoral student,** URPP "Dynamics of Healthy Aging", University of Zurich, Switzerland Advisor Prof. Mike Martin, Co-Advisor Prof. Klaus Oberauer
	LIFE fellow at the International Max Planck Research School (IMPRS), The Life Course: Evolutionary and Ontogenetic Dynamics
2011 - 2013	**Master of Science,** University of Zurich, Switzerland Psychology (major), Biology (minor)
	Master Thesis (Advisor Prof. Mike Martin): "Targeting object-location memory in older adults: Behavioural and neural changes after a process-based cognitive training intervention"
2007 - 2011	**Bachelor of Science,** University of Zurich, Switzerland Psychology (major), Biology and Law (minors)
	Bachelor Thesis (Advisor Prof. Lutz Jäncke): "Erfahrungs- und trainingsinduzierte strukturelle Neuroplastizität über die Lebensspanne [Experience-dependent and training-induced neuroplasticity across the lifespan]"

ACADEMIC EMPLOYMENT AND EXPERIENCE

2017 – today	**Scientific project manager,** URPP "Dynamics of Healthy Aging", University of Zurich, Switzerland
2014 – today	**Doctoral student,** URPP "Dynamics of Healthy Aging", University of Zurich, Switzerland
2016	**Research stay** at the Humboldt University Berlin (6 weeks) Emmy Noether Research Group "Adaptation to Major Life Events",
2015	**Research stay** at the University of Colorado Boulder (4 weeks) Department of Cognitive Psychology and Cognitive Neuroscience
2010 – 2013	**Research assistant**, University of Zurich Cognitive Psychology, Normal Aging and Plasticity Imaging Center (INAPIC), Developmental Psychology, Cognitive Psychology, Gerontopsychology

PEER REVIEWED PUBLICATIONS

Guye, S., De Simoni C., & von Bastian, C. C. (under review). Do individual differences predict change in cognitive training performance? A latent growth curve modelling approach.

von Bastian, C. C., **Guye, S**., & De Simoni, C. (under review). How strong is the evidence for the effectiveness of working memory training? In M. F. Bunting, J. M. Novick, M. R. Dougherty & R. W. Engle (Eds.), *Cognitive and Working Memory Training: Perspectives from Psychology, Neuroscience, and Human Development*. New York, NY: Oxford University Press.

Guye, S., & von Bastian, C. C. (in press). Working memory training in older adults: Bayesian evidence supporting the absence of transfer. *Psychology and Aging*.

Guye, S., Röcke, C., Mérillat, S., von Bastian, C. C., & Martin, M. (2016). Plasticity in different age groups: Adult lifespan. In T. Strobach & J. Karbach (Eds.), *Cognitive Training: An Overview of Features and Applications* (pp. 45 – 55). Berlin: Springer.

RESEARCH GRANTS

2016	Forschungskredit of the University of Zurich for doctoral students "Healthy aging from lab to life: Determining the connections between lab-based cognitive abilities and real-life activities"
2016	Jacobs Foundation (Competitive intramural funding) "Personality, cognition, and leisure activities in old age"
2014	Suzanne and Hans Biäsch Foundation for Applied Psychology „Individual differences in working memory training with older adults"

AWARDS AND TRAVEL GRANTS

2017	Travel grant of the SAGW for the European Conference of Psychology in Amsterdam, The Netherlands
2016	Travel grant of the Faculty of Arts and Social Science for the Gerontological Society of America Annual Meeting 2016 in New Orleans, United States
2016	Poster Award at the SGG SSG Conference, Fribourg, Switzerland
2015	Travel grant of the Faculty of Arts and Social Science for the LIFE Academy in Ann Arbor, United States
2015	Travel grant of the LIFE program for the research stay at Humboldt University in Berlin

CONFERENCE CONTRIBUTIONS (* presenting author)

Guye, S.*, De Simoni, C., & von Bastian, C. C. (10/2017). *Working memory training effectiveness and the role of individual differences.* Presentation the LIFE Fall Academy in Zurich, Switzerland.

Guye, S.*, De Simoni, C., & von Bastian, C. C. (04/2017) *Predicting trainability in younger and older adults using latent growth curve modeling.* Presentation the European Congress of Psychology, Amsterdam, The Netherlands.

Guye, S.*, De Simoni, C., & von Bastian, C. C. (03/2017) *Predicting training performance in older adults: Who improves the most?* Presentation at 4th International Conference Aging and Cognition, Zurich, Switzerland.

von Bastian, C. C.*, De Simoni, C., & **Guye, S.** (03/2017). *No evidence for transfer effects after process-based working memory training.* Tagung experiemntell arbeitender PSychologen (TeaP), Dresden, Germany.

Guye, S.*, von Bastian, C. C., Röcke, C., & Martin, M. (11/2016) *Does personality predict working memory training performance?* Presentation at the Gerontological Society of America Annual Meeting, New Orleans, United States.

Guye, S.* (07/2015). *Working memory training in older age. Do individual differences predict training effectiveness?* Presentation at the Team Meeting of Prof. Akira Miyake, Department of Cognitive Psychology and Cognitive Neuroscience, University of Colorado Boulder, United States.

POSTER PRESENTATIONS (* presenting author)

Guye, S.*, von Bastian, C. C., Röcke, C., & Martin, M. (08/2017). *Working memory training in old age: The role of individual differences.* Poster presented at the WHO Site Visit at the URPP Dynamics of Healthy Aging, Zurich, Switzerland.

Guye S.*, von Bastian, C. C., Röcke, C., & M. Martin (05/2016). *Working memory training in old age: The role of individual differences.* Poster presented at the LIFE Spring Academy, Charlottesville, United States.

Schwager, D.*, **Guye, S.**, & Martin, M. (05/2016). *Personality, cognition, and leisure activities in old age: The role of social, physical, and mental activities in the relationship between the Big Five and working memory.* Poster presented at the Masterstudierenden und Doktorierenden-Kongress (MaDoKo), Zurich, Switzerland.

Guye, S.*, von Bastian, C. C., Röcke, C., & Martin, M. (01/2016). *The effectiveness of a working memory training in healthy older adults: Preliminary results.* Poster presented at the SGG SSG Conference, Freiburg, Switzerland.

Guye, S.*, von Bastian, C. C., Röcke, C., & Martin, M. (10/2015). *Is working memory training effective in older adults: Preliminary results.* Poster presented at the LIFE Fall Academy, Öhningen, Germany.

Guye, S.*, von Bastian, C. C., Costa, L., Röcke, C., & Martin, M. (09/2015). *Impact of cognition, personality, affect, and everyday life context on working memory training in older adults.* Poster presented at the URPP Dynamics of Healthy Aging Site Visit, Zurich, Switzerland.

Guye, S.*, von Bastian, C. C., Bezzola, L. & Martin, M. (05/2015). *Impact of cognition, personality, and affect on working memory training in older adults.* Poster presented at the LIFE Spring Academy, Ann Arbor, United States.

Guye, S.*, von Bastian, C. C., Bezzola, L. & Martin, M. (03/2014). *Impact of cognition, personality, affect, and everyday life on working memory training and transfer effects in healthy, older adults.* Poster presented at the INAPIC Fall Workshop, Zurich, Switzerland.

Guye, S.*, Zimmermann, K., Eschen, A., Zöllig, J., Mérillat, S., Jäncke, L., & Martin, M. (05/2012). *Der Einfluss eines räumlichen Gedächtnistrainings auf kognitive Fähigkeiten und neuronale Strukturen im Alter.* Poster presented at the LizentiandInnen-, Masterstudierenden und Doktorierenden-Kongress (LiMaDoKo), Zurich, Switzerland.

IN THE MEDIA

2017	"Can cognitive training really make us smarter?" BOLD Blog of the Jacobs Foundation
2017	„Das Training führt nicht zu einer generellen Leistungssteigerung" Interview with the Swiss Bulletin for Memory Training
2017	"Der Alltag ist das beste Training" Interview with the "Schweizer Illustrierte" (Issue No. 12)

TEACHING EXPERIENCE

2017	Lecturer of "Concepts and theories of cognitive development across the lifespan" in English, Department of Psychology, University of Zurich, Switzerland
2016	Teaching assistant of "Quantitative research methods: Applied data analysis" in German & English, Hochschule Luzern (HSLU), Switzerland
2014	Lecturer of "Fitness fürs Gehirn [Fitness for the brain]" in German, Department of Psychology, University of Zurich, Switzerland
2013 – 2014	Teaching assistant of "Interactive introductory seminar course" in German, Department of Psychology, University of Zurich, Switzerland
2013	Teaching assistant of "Practical course in experimental psychology" in German, Department of Psychology, University of Zurich, Switzerland
2012	Teaching assistant of "Psychological methods – An Introduction to SPSS" in German, Department of Psychology, University of Zurich, Switzerland

STUDENT SUPERVISION

Master theses	Daniela Schwager (2015 – 2016)
Research assistants	Aline Gaillard (2015), Enrico Capelli (2015), Simone Lerch (2016), Mirjam Imfeld (2016)
Research interns	Michel Wälti (2014), Sabrina Müller (2014), Enrico Capelli (2014 – 2015), Annia Rüesch Ranganadan (2015)

FURTHER RESEARCH-RELATED ACTIVITIES

Ad hoc reviewer	Cochrane Reviews; Journal of Cognitive Enhancement; Rejuvenation Research; The Journal of Gerontology
Peer mentoring	Member of the peer mentoring group "Real life health measurement" 2016 – 2018; Member of the peer mentoring group "Applied programming for psychologists" 2014
LIFE	LIFE fellow speaker 2015 – 2016
MRI	Certified MRI user, Psychiatric University Hospital (PUK), Zurich, Switzerland