

Curriculum Vitae



Matthias Hartmann, Dr.

Extraordinary Professor
Faculty of Psychology
UniDistance Suisse, Switzerland

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Date of birth: March 13, 1983

Nationality: CH

Marital status: married, one child (20.08.2016)

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Education

2013/03	PhD in Psychology, University of Bern (summa cum laude) Supervisor: Prof. Fred W. Mast
2010/08	Master in Psychologie, University of Bern
2008/08	Bachelor in Psychology, University of Bern
2003/07	Matura, Bern

Employment history

2022/01 – present	Extraordinary Professor (90%) Faculty of Psychology, UniDistance Suisse
2017/08 – 2022/01	Assistant Professor Tenure Track (90%) Faculty of Psychology, UniDistance Suisse
2020/01 – present	Research Associate (10%) Institute of Psychology, University of Bern
2017/01 – 2019/12	SNSF Ambizione Fellow , Perception and Eye Movement Laboratory, Departments of Neurology and BioMecial Research, University Hospital Bern & Institute of Psychology, University of Bern
2015/10 – 2016/12	Senior Assistant (Oberassistent), Institute of Psychology, University of Bern
2014/03 – 2015/09	SNSF Postdoc Fellow at Potsdam Embodied Cognition Group, Division of Cognitive Science, University of Potsdam, Germany
2010/02 – 2014/03	Assistant , Department of Psychology, University of Bern

Institutional responsibilities

2019/08 – present	President of the Ethics Committee of UniDistance Suisse
2016/01 – 2019/02	Academic Advisor (Studienberater) for the Division of Cognitive Psychology, Perception and Research Methods, Institute of Psychology, University of Bern

Current research projects

2020/08 – present	“The psychology of paranormal and conspiracy beliefs”
2021/04 – present	”Learning through teaching: the unused potential of virtual reality”
2018/08 – present	”Use-dependent modulation of attention and learning with tablets and screencasts”

Supervision of junior researchers

I am currently supervising one PhD-student (together with Prof. Fred Mast from University of Bern). I supervise about 1-2 master theses and about 6 bachelor theses per year at UniDistance Suisse.

Teaching activities

Since 2017, I am teaching three courses at a regular basis at UniDistance Suisse:

- “General psychology: perception, cognition and decision making” (bachelor level, spring term)
- “General psychology: emotion and motivation” (bachelor level, fall term)
- “Proseminar on embodied cognition” (bachelor level, fall term)

Previous teaching activities

- “Perception” (Introductory lecture at bachelor level, fall term 2017), University of Bern
 - Several seminars (master level) and proseminars (bachelor level) on the topics of embodied cognition and cognitive performance (between 2012 – 2013 and 2015 – 2016), University of Bern
 - Tutor for “Statistical exercises” (between 2010 – 2013, bachelor and master level), University of Bern
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Memberships and reviewing activities

I am a member of the Swiss Society for Neuroscience and the Swiss Psychological Society.

I am associate editor of *Frontiers in Psychology*. I regularly serve as reviewer for international scientific journals in the field of psychology and neuroscience, such as *Cognition*, *Learning & Memory*, *Journal of Experimental Psychology: Human Perception and Performance*, *Psychological Research*, *Current Biology*, or *Cortex*.

Fellowships (acquired as principal investigator)

1. ”Learning through teaching: the unused potential of virtual reality”
Grant of the fund for promoting digitalization projects of the Faculty of Human Sciences, University of Bern [approx. 14'000 CHF], time period: 2021/03 – 2021/11
2. ”Use-dependent modulation of attention and learning with tablets and screencasts” Grant of the research fund of the Swiss Distance University Institute [approx. 35'000 CHF], time period: 2018/08 – 2020/08.
3. ”Exploring the numerical mind by eye-tracking: Brain, cognition and action”
Ambizione grant, funded by the Swiss National Science Foundation [approx. 590'000 CHF], time period: 2017/01 – 2019/12
4. ”Embodied numerical cognition: a closer look at sensorimotor processes”
Early Postdoc.Mobility grant, funded by the Swiss National Science Foundation [approx. 84'000 CHF], time period: 2014/03 – 2015/09

Scientific skills

- Scale construction and validation
 - Factor analysis and structure equation modelling
 - Eye-tracking (EyeLink, SMI)
 - Non-invasive brain stimulation (TMS, tDCS)
 - Mixed-effect model analysis
 - Bayesian statistics
 - Machine learning (basics)
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