

Fabian David Mueller

PERSONAL INFORMATION

Date of Birth 21.02.1992
 Nationality Swiss
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With a background in Psychology, Philosophy, and Neuroscience, I am most fundamentally interested in understanding how our brains construct our phenomenological reality. To understand this, I study perceptual processing in individuals who perceive reality differently (i.e., psychosis). My approach embeds perceptual decision-making in virtual reality simulations of altered perception.

EDUCATION

- Since 9/2021 **Ph.D., Dr. phil.**
 Transfaculty Research Platform Molecular and Cognitive Neuroscience,
 Division of Cognitive Neuroscience, University of Basel
 Supervision by Prof. Dr. Dominique de Quervain, University of Basel
 and Prof. Dr. Tyrone Cannon, Yale University
- 1/2018 – 9/2020 **Master of Science in Psychology** “*summa cum laude*”
 Major (45 ECTS) in Cognitive Psychology, Perception and Methodology, University of Bern
 Major (45 ECTS) in Social Psychology and Social Neuroscience, University of Bern
 Master’s Thesis: *Targeting Gaze Avoidance in the Treatment of Fear of Public Speaking Using Virtual Reality*. Grade 6/6.
 Supervised by Dr. phil. Bernhard Fehlmann and Prof. Dr. med. Dominique de Quervain,
 Division of Cognitive Neuroscience, University of Basel. Submitted to PD Dr. Janek
 Lobmaier, Department of Social Neuroscience and Social Psychology, University of Bern
- 9/2012 – 6/2016 **Bachelor of Science in Psychology** “*magna cum laude*”
 Major (120 ECTS) in Psychology, University of Bern
 Minor (30 ECTS) in Philosophy of Science, University of Bern
 Minor (30 ECTS) in Neuroscience, University of Fribourg
 Bachelor’s Thesis: *What Is Creativity? A Neuroscientific Approach*. Grade 5/6.
 Supervised by M.Sc. Katrin Lunke and submitted to Prof. Dr. Beat Meier,
 Department of Cognitive Psychology, Perception and Methodology, University of Bern

EMPLOYMENT HISTORY

- 9/2021 – 9/2025 **PhD Candidate funded by Doc.CH, Swiss National Science Foundation (100%)**
Transfaculty Research Platform Molecular and Cognitive Neuroscience, Division of Cognitive Neuroscience, University of Basel
- 3/2017 – 8/2021 **Research Assistant (30% – 100%)**
University of Basel, Faculty of Psychology, Division of Cognitive Neuroscience, Advisor: Prof. Dr. Dominique de Quervain
- 4/2014 – 7/2016 **Tutor for children with a migrant background (20%)**
Beraber Bern
- 10/2013 – 2/2014 **Assistent (25%)**
Psychiatrisch-Psychologische Praxis Psy-Bern

INSTITUTIONAL RESPONSIBILITIES

N/A

APPROVED RESEARCH PROJECTS

- 9/2021 – 9/2025 **Doc.CH, Swiss National Science Foundation**
Project title: *Simulation Hallucinations Using Mixed Reality*

TEACHING ACTIVITIES

- 9–12/2016 Bachelor course: *Introduction to Psychology*, University of Bern
Recognized amongst the best 15 of all 163 courses (student evaluation)

MEMBERSHIPS IN SCIENTIFIC SOCIETIES, FELLOWSHIPS IN RENOWNED ACADEMIES

- Since 1/2021 Member of the Swiss Stress Network
- Since 10/2021 Member of the Early Career Hallucinations Research Group
- Since 07/2023 Member of the Society for Virtual Reality Therapy

ORGANISATION OF CONFERENCES

- 3/2017 – 9/2017 Organization committee of *Swiss Conference on Gifted Education and Talent Development 2017*, University of Applied Sciences Northwestern Switzerland

11/2016 – 3/2017 Organization committee of *PsyKo Swiss Psychology Student Congress 2017*

PRIZES, AWARDS, FELLOWSHIPS

8/2021 **Doc.CH Grant** awarded by the Swiss National Science Foundation (SNSF)
Amount: **260'639 Swiss Francs**

PERSONAL SKILLS

Language skills	German (native), English (highly proficient) French (good knowledge), Spanish (good knowledge)
Digital skills	Ableton Live, AcqKnowledge, E-Prime, Jamovi, LabKey, LaTeX, Matlab, PsychoPy, Pupil Labs, R, SoSci Survey, Unity

CAREER BREAKS

11/2020 – 12 2020	Civilian Service at the <i>Zirkus Wunderplunder</i> Bern
9/2019 – 12/2019	Civilian Service at the <i>Drug Rehabilitation Center ESTA</i> Reinach
3/2017 – 9/2017	<i>Civilian Service as research assistant at the Faculty of Psychology</i> Advisor: Kyrill Schwegler, University of Basel

ADDITIONAL EDUCATION

1/2021	Workshop: <i>Legal Aspects of Open Science</i> , University of Zuerich, Switzerland
8/2020	Summer School: <i>The Fundamentals of Open Data, Research Data Management, and Open Access</i> , University of Zuerich, Switzerland
9/2018	Training: <i>Good Clinical Practice</i> , University Hospital of Basel, Switzerland
