

# Dr. Michael Gaebler

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## Experience

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since 03/2018	<b>Max Planck Institute for Cognitive &amp; Brain Sciences, Leipzig</b> <i>Group Leader, Mind-Body-Emotion Group, Dept. of Neurology</i>  01/2021-08/2022: 3 months full- & 16 months part-time paternal leave 03/2018-02/2019: 12 months part-time paternal leave
07/2015-02/2018	<b>Universität Leipzig</b> <i>Postdoc, Leipzig Research Centre for Civilization Diseases</i>  08/2017-02/2018: 3 months full- & 4 months part-time paternal leave
03/2014-06/2015	<b>Max Planck Institute for Cognitive &amp; Brain Sciences, Leipzig</b> <i>Postdoctoral Researcher, Dept. of Neurology</i>
11/2013-12/2013	<b>Korea University, Seoul</b> <i>Visiting Researcher, Dept. of Brain &amp; Cognitive Engineering</i>
03/2010-09/2013	<b>Charité - Universitätsmedizin Berlin</b> <i>Doctoral Researcher, Dept. of Psychiatry &amp; Psychotherapy</i>
03/2009-12/2009	Volunteering and travelling around <b>the world</b>
02/2009	<b>Roland Berger Strategy Consultants</b> , Berlin & Copenhagen
10/2001-07/2002	Studium Generale, <b>Leibniz Kolleg Tübingen</b>
08/2000-07/2001	Civilian Community Service, <b>Hospital Diakonissenanstalt Flensburg</b>

## Appointments

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since 10/2024	<b>COST-Action “An evolutionary view to understanding affective states across species (AFFECT-EVO)”</b> <i>Member of the management committee</i>
since 03/2024	<b>International Max Planck Research School on Cognitive Neuroimaging</b> <i>Faculty member</i>
since 2020	<b>Innovationsfond of the Gemeinsamer Bundesausschuss (G-BA)</b> <i>Member of the expert pool</i>
since 2018	<b>Humboldt-Universität zu Berlin, Dept. of Psychology</b> <i>Member of the ethics committee</i>

## Education

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- Oct 2013 Dr. rer. nat. (PhD), **Humboldt-Universität zu Berlin**  
“Physiology of emotional & self-related processing in social anxiety disorder”  
Grade: *magna cum laude* | Dept. of Psychology
- Nov 2008 Master of Science (with distinction), **University College London**  
Grade: 1.0 | Field of study: Dual Masters Brain and Mind Sciences
- Sept 2007 Diplôme Interuniversitaire, **École Normale Supérieure & Université Paris VI**  
Grade: *mention bien* | Field of study: Dual Masters Brain and Mind Sciences
- Sept 2006 Bachelor of Science, **Universität Osnabrück**  
Grade: *excellent* | Field of study: Cognitive Science
- July 2005 Exchange year, **McGill University**, Montreal  
GPA: 3.61/4.0 | Field of study: Cognitive and Neuroscience
- July 2000 A-levels (Abitur), **Scheffold Gymnasium**, Schwäbisch Gmünd

## Grants as (co-)PI

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- 2025-2028 DFG-funded project “Examining the mechanisms that integrate cardiorespiratory interoception with active sensing (INTACT)”
- 2023-2026 DFG-funded project “Increasing eyewitness identification accuracy in lineups using 3D interactive virtual reality (3DIL)”
- 2023-2026 BMBF-funded project “Technology-assisted motor rehabilitation for patients with Rett Syndrome (TeMoRett)”
- 2023-2026 BMBF-funded project “Objective & hybrid assessment of cognitive & fatigue-associated Post-COVID symptoms with multimodal tools (EPSILON)”
- 2021-2025 Project “Neurocognitively-guided modelling of virtual humans for enhanced realism in immersive media (NEUROHUM)”, funded by the Max Planck Society-Fraunhofer-Gesellschaft collaboration
- 2021-2022 BMBF-funded project “Mobile immersive virtual reality for a sensitive digital diagnostics of spatial neglect (3DIA)”
- 2020 EU-funded project, (XR4ALL initiative). “Exite-O-Meter: A Unity plugin to include bodily signals in XR development & evaluation”
- 2017-2021 BMBF-funded project “Virtual worlds for digital diagnostics & cognitive rehabilitation (VReha)”

## Grants as collaborator

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- 2024-28 COST-Action "An evolutionary view to understanding affective states across species (AFFECT-EVO)" (Main proposer: T. Smulders, Newcastle University)
- 2022-24 BBSRC International Partnership: "ManyFaces - int. network of face researchers" (PI: L. DeBruine, University of Glasgow)
- 2023-28 ANII - MPG Research Group at Universidad de la República, Montevideo, Uruguay: "Brain-body basis of social conflict approach-avoidance in depression & health" (PI: V. Gradin)
- 2023 Internationalization grant at Università di Torino, Italy: "Minimally invasive & continuous rating of affective experience in immersive VR" (PI: S. Carletto)

## Scholarships and prizes

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- 2024 Award for excellent teaching 2024, Dept. of Education & Psychology, Freie Universität Berlin
- 2019 "Best demo" award for project [VReha](#) at the [International Conference on Virtual Rehabilitation \(ICVR\)](#), Tel Aviv.
- 2013/14 Humboldt-Universität zu Berlin - Postdoc Scholarship
- 2013 Poster prize at [Emotions: Nature, Recognition, Culture](#), Bochum.
- 2010-14 Travel grants (e.g., Barbara Wengeler or GSK Foundation)
- 2006-8 University College London - Tuition Fee Scholarship
- 2007/8 German Academic Exchange Service - Graduate Scholarship
- 2004/5 CREPUQ - Tuition Fee Scholarship for McGill University

## Service to the profession

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### Reviewer or selection committee

#### Journals (selection)

*Trends in Cognitive Sciences, Psychophysiology, Psychological Medicine, Trends in Neurosciences, NeuroImage, Translational Psychiatry, BMC Psychology, Anxiety, Stress & Coping, Learning & Memory, Frontiers in Human Neuroscience, PLOS ONE, Consciousness & Cognition, Psychopathology, Current Trends in Psychological Science, Annals of the New York Academy of Sciences*

#### Conferences

*Organization for Human Brain Mapping, MindBrainBody Symposium, Jahrestagung der Deutschen Gesellschaft für Neurorehabilitation (DGNR), International Conference on Disability, Virtual Reality & Associated Technologies (ICDVRAT)*

#### Prizes

*XR Research Awards 2021*

#### Graduate schools

*Berlin School of Mind and Brain, Einstein Center for Neurosciences Berlin, International Max Planck Research School on Neuroscience of Communication, Max Planck School of Cognition*

## Dissertations reviewer & thesis advisory committee

Dr. Madis Vasser (University of Tartu, Estonia; 12/2020), Dr. Nicolai Wolpert (Ecole Normale Supérieure Paris, France; 06/2021), Dr. Tim Möller (Humboldt-Universität zu Berlin; 11/2024), Dr. Sivi Karjalainen (Jyväskylä University, Finland; 01/2025), Maria Azanova (University of Leipzig; ongoing); Tydings McClary (International Max Planck Research School LIFE; ongoing)

## Grants and grant agencies

Swiss National Science Foundation, Biotechnology and Biological Sciences Research Council (BBSRC), National Science Center Poland, BioTechMed Graz, European Research Council, Austrian Science Fund

## Membership

### Academic societies

Deutsche Gesellschaft für Psychologie (DGPs) - Fachgruppe Biologische Psychologie & Neuropsychologie and Interest Group Open & Reproducible Research, Deutsche Gesellschaft für Psychophysiologie & ihre Anwendung (DGPA), Organization for Human Brain Mapping (OHBM), Society for Psychophysiological Research (SPR)

## (Co-)Supervision - doctoral and postdoctoral researchers

ongoing	Dr. Aleksandra Piejka (Postdoc): <i>Loneliness and interpersonal distance perception</i>
ongoing	Alexandros Kastrinogiannis (Postdoc): <i>Face identification in 3D interactive lineups</i>
ongoing	Mia Neubauer (MD): <i>Differentiation of neuropsychological Post-COVID symptoms using heart rate variability</i>
ongoing	Agata Patyczek (PhD): <i>Arousal, stress, and other affective states over the lifespan</i>
ongoing	Elias Reinwarth (PhD): <i>Psychophysiology of affective states during motor learning</i>
ongoing	Anthony Ciston (PhD): <i>Videobased assessment of cardiorespiratory activity</i>
ongoing	Antonin Fourcade (PhD): <i>Multi-modal affective computing in naturalistic settings</i>
ongoing	Felix Klotzsche (PhD): <i>Assessing human cognition in immersive setups</i>
ongoing	Marta Gerosa (PhD): <i>The influence of heart-brain interactions on the sense of agency</i>
2023-25	Dr. Sam Verschooren (Postdoc): <i>External, internal, interoceptive attention</i>
2025	Simon Hofmann (PhD): <i>Explainable deep learning models for human neuroimaging</i>
2025	Marie Uhlig (PhD): <i>Brain changes after psychosocial stress and their relation to other stress markers</i>
2021	Janis Reinelt (MD): <i>Mind-brain-body interactions after acute psychosocial stress</i>
2021	Stella Kunzendorf (MD): <i>The psychophysiology of heart-brain-interactions: how active information sampling is modulated across the cardiac cycle</i>
2021	Deniz Kumral (PhD): <i>Variability in heart and brain activity across the adult lifespan</i>
2019	Johanna Grosse Rueschkamp (PhD): <i>Short-term changes in positive affective experiences and their relation to interindividual differences in subjective well-being</i>
2017-19	Dr. Johanne Tromp (Postdoc): <i>Immersive virtual reality for cognitive testing &amp; training</i>
2018	Anne Rohner (MD): <i>Consequences of chronic and acute stress on the heart rate variability of men and postmenopausal women of the same age.</i>
2017	Anne Schrimpf (PhD): <i>Weight-related stigmatization &amp; its impact on behavioral adaptations, affect, &amp; parasympathetic activity during social information processing – a cross-cultural comparison</i>

## (Co-)Supervision - students

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ongoing	Can Bolat (MSc Cognitive Neuroscience, Freie Universität Berlin)
2025	Marta Vardzieli (MSc Mind and Brain, Humboldt-Universität zu Berlin)
2024	Emilia Hildebrand (BSc Medical Engineering, Ernst-Abbe-Hochschule Jena)
2024	Lucy Roellecke (MSc Cognitive Neuroscience, Free University Berlin)
2024	Benjamin Dupré (MSc Mind and Brain, Humboldt-Universität zu Berlin)
2023	Agata Patyczek (MSc Cognitive Science, University of Vienna)
2023	Elias Reinwarth (MSc Cognitive Science, University of Vienna)
2020	Alex Masurovsky (MSc Mind and Brain, Humboldt-Universität zu Berlin)
2019	Annemarie Scholz (BSc Psychology, Universität Potsdam)
2018	Simon Hofmann (MSc Cognitive Science, Universiteit van Amsterdam)
2017	Felix Klotzsche (MSc Mind and Brain, Humboldt-Universität zu Berlin)
2017	Alberto Mariola (MSc Mind and Brain, Humboldt-Universität zu Berlin)
2016	Rebecca Jost (BSc Psychology, Fernuniversität Hagen)
ongoing	17 lab rotations or internships and 12 student assistantships

## Scientific collaborations (selection)

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- Peter Eisert, Marcel Brass, Sven Ohl (Humboldt-Universität zu Berlin)
- Carsten Finke, Angela Kaindl, Moritz Queisner (Charité - Universitätsmedizin Berlin)
- Klaus-Robert Müller, Sebastian Möller (Berlin Institute of Technology)
- Anna Hilsmann, Sebastian Bosse, Paul Chojecki (Fraunhofer Heinrich Hertz Institute)
- Felix Biessmann, Kristian Hildebrand (Berliner Hochschule für Technik)
- Guido Hesselmann (Psychologische Hochschule Berlin)
- Heather Flowe, Melissa Colloff (Birmingham University, UK)
- Anna Bobak (University of Stirling, UK)
- Stephen Lindsay (University of Victoria, Canada)
- Julian König (Universität Köln)
- Daniel S. Quintana (Oslo University)
- Bigna Lenggenhager (Universität Konstanz)
- Christian A. Kell (Goethe University Frankfurt)
- Gaetano Valenza (University of Pisa)
- Victoria Gradin (Universidad de la Republica, Montevideo, Uruguay)
- Alex Galvez Pol (University of the Balearic Islands, Palma de Mallorca, Spain)
- Sara Carletto, Francesca Malandrone (Università di Torino, Italy)

## Publications

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Full list on [google scholar](#)