

BIOGRAPHICAL SKETCH

Name: Professor Rene Hurlermann, MD, PhD, MBA Contact: rene.hurlermann@uol.de , rene.hurlermann@kjk.de DOB: 09/17/1973 (Cologne, Germany)	Current Positions: Head of the Department of Psychiatry and Psychotherapy, and Associate Dean for Strategic Development, School of Medicine and Health Sciences, University of Oldenburg; Chief Medical Officer (CMO), Karl Jaspers Clinic, Wehnen near Oldenburg (Germany)
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Rene Hurlermann is Professor of Psychiatry and Psychotherapy and Head of the Department of Psychiatry and Psychotherapy at the University of Oldenburg, Germany. The department is part of the Karl Jaspers Clinic in Wehnen near Oldenburg, the second largest maximum-care psychiatric hospital in Lower Saxony. Rene Hurlermann serves the Karl Jaspers Clinic as Chief Medical Officer (CMO) and the School of Medicine and Life Sciences of the University of Oldenburg as Associate Dean for Strategic Development. Rene Hurlermann holds a PhD from Maastricht University, an MD from the University of Bonn and an MBA from Frankfurt School of Finance & Management. As a clinical scientist, his focus is on the advancement of personalized medicine, which is thought to play a key role in overcoming treatment resistance. He is a member of several editorial boards of scientific journals, including *Personalized Medicine in Psychiatry* (Elsevier), *Social Cognitive & Affective Neuroscience* (SCAN) (Oxford Academic) and *Journal of Psychiatric Research* (Elsevier). Rene Hurlermann leads an interdisciplinary research team that investigates the social (e.g. loneliness) and environmental (e.g. climate change) determinants of mental health and translates the findings into innovative clinical treatments, including non-invasive neuromodulation with accelerated theta burst stimulation (TBS) and AI-based digital aftercare. His research is funded by various sources, including the German Research Foundation (DFG), the Federal Ministry of Education and Research (BMBF) and the Federal Ministry of Economics and Climate Policy (BMWK). Rene Hurlermann is a research associate at the Laureate Institute for Brain Research (LIBR), Tulsa (OK, USA), and co-director of the Summer School on Affective Neuroscience, coordinated by Maastricht University. He is a member of more than ten professional societies, including the American College of Neuropsychopharmacology (ACNP) and the Society of Biological Psychiatry (SoBP). He is also an international ad hoc referee for numerous journals and funding organizations as well as academic appointment and award committees in the fields of psychiatry and neuroscience.

Education/Training

Institution & Location	Degree	Year	Field
Frankfurt School of Finance and Management (Germany)	MBA	2023	International Healthcare Management (IHM)
University of Bonn (Germany)	Habilitation (venia docendi)	2010	Psychiatry and Psychotherapy
Maastricht University (The Netherlands)	PhD	2007	Affective Neuroscience
Maastricht University (The Netherlands)	MSc	2006	Affective Neuroscience
University of Bonn (Germany)	MD	2001	Medicine

Positions

Dates	Name of Institution & Department	Rank/Position
2022 – present	Karl Jaspers Clinic, Wehnen near Oldenburg (Germany)	Chief Medical Officer (CMO)

2019 – present	Department of Psychiatry, School of Medicine and Health Sciences, University of Oldenburg (Germany)	Professor (W3) and Head, Department of Psychiatry and Psychotherapy
2013 – 2019	Department of Psychiatry, University Hospital Bonn (Germany)	Professor (W2) and Head, Division of Medical Psychology
2008 – 2019	Department of Psychiatry, University Hospital Bonn (Germany)	Senior Psychiatrist
2003 – 2008	Department of Psychiatry, University Hospital Bonn (Germany)	Resident Psychiatrist
2001 – 2003	Department of Neurology, University Hospital Magdeburg (Germany)	Resident Neurologist

Expertise

- Hospital management: Chief Medical Officer (CMO) of Karl Jaspers Clinic, the second largest maximum-care psychiatric hospital (600 beds, 1,200 employees) in Lower Saxony (Germany)
- Academic positions: Head of the Department of Psychiatry and Psychotherapy and Associate Dean for Strategic Development, School of Medicine and Health Sciences, University of Oldenburg (Germany)
- Specific areas of clinical expertise: Schizophrenia and affective spectrum disorders including therapy-resistant depression (TRD), non-invasive brain stimulation techniques (DGHP-certified), consultation & liaison psychiatry (DGPPN-certified), and psychotherapy supervision (DGPPN-certified)
- Head of an interdisciplinary research team that investigates the social (e.g. loneliness) and environmental (e.g. climate change) determinants of mental health and translates the findings into technologically innovative clinical treatments, including non-invasive neuromodulation with accelerated theta burst stimulation (TBS) and AI-based digital aftercare (<https://www.hurlemannlab.com>)
- Teaching expertise: Psychiatry & Psychotherapy, Medical Psychology, Psychiatric Neuroscience (board-certified in Medical Education as well as Higher Education Didactics); member of the expert commissions at the Institute for Medical and Pharmaceutical Examination Questions (IMPP) (Germany)
- International referee for >85 scientific journals, >25 funding agencies, research awards and academic appointment procedures in the fields of psychiatry and neuroscience
- Editorial boards: Journal of Psychiatric Research (Elsevier), Social Cognitive & Affective Neuroscience (Oxford Academic), Personalized Medicine in Psychiatry (Elsevier), among others

Honors (excerpt)

- 2021: Research Associate at the Laureate Institute for Brain Research (LIBR), Tulsa (OK, USA)
- 2020: Member, Rotary Foundation (RC Oldenburg)
- 2019: Elected member, American College of Neuropsychopharmacology (ACNP)
- 2013: Visiting Associate in Psychology, California Institute of Technology (Caltech), Pasadena (CA, USA)
- 2013: Helen C. Levitt Visiting Professor, University of Iowa, Iowa City (IA, USA)
- 2008: Gerd-Huber-Award for neuroreceptor PET studies in early psychosis
- 2007: PhD with distinction

Research metrics

- ORCID ID: 0000-0003-2628-565X
- Personal share in research funding: >EUR 4.5M [including a German-Israeli Project Cooperation (DIP) grant in 2023]
- Journal publications >200; news features or research highlights in *Nature* and *Science* = 7
- Google Scholar *h*-Index = 69
- Academic promotion of young talent:
Associate Professors = 3, Assistant Professors (Habilitation) = 3, PhD = 11, MD > 25

Five representative publications

1. Scheele D, Zimbal S, Feinstein JS, Delis A, Neumann C, Mielacher C, Philipsen A, **Hurlemann R** (2019) Treatment-resistant depression and ketamine response in a patient with bilateral amygdala damage. *The American Journal of Psychiatry* 176: 982 – 986 [IF²⁰¹⁹ = 14.1]

2. Mutz J, Vipulanathan V, Carter B, **Hurlemann R**, Fu CHY, Young AH (2019) Comparative efficacy and acceptability of non-surgical brain stimulation for the acute treatment of major depressive episodes in adults: systematic review and network metaanalysis. *BMJ - British Medical Journal* 364: 11079 [IF²⁰¹⁹ = 30.2]
3. Lieberz J, Shamay-Tsoory SG, Saporta N, Esser T, Kuskova E, Stoffel-Wagner B, **Hurlemann R**, Scheele D (2021) Loneliness and the social brain: how perceived social isolation impairs human interactions. *Advanced Science* 8: e2102076 [IF²⁰²¹ = 17.5]
4. Morr M, Noell J, Sassin D, Daniels J, Philipsen A, Becker B, Stoffel-Wagner B, **Hurlemann R**, Scheele D (2022) Lonely in the dark: Trauma memory and sex-specific dysregulation of amygdala reactivity to fear signals. *Advanced Science* 9: e2105336 [IF²⁰²² = 15.1]
5. Berger R, **Hurlemann R**, Shamay-Tsoory S, Kanterman A, Brauser M, Gorni J, Luhmann M, Schramm E, Schultz J, Philipsen A, Lieberz J, Scheele D (2024) Oxytocin-augmented modular-based group intervention for loneliness: A proof-of-concept randomized-controlled trial. *Psychotherapy & Psychosomatics* (in press) [IF²⁰²² = 22.8*]