

Curriculum Vitae Gordon Benedikt Feld

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Date of birth 9. February 1983
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Education

03/2009 Diploma Psychology (Master's equivalent), Institute for Psychology, Johannes Gutenberg University of Mainz

06/2014 Dr. rer. nat., Institute for Psychology, Eberhard Karls University of Tübingen

Professional Experience

9/2009 – 06/2013 Research Associate at the Institute for Neuroendocrinology (Head: Jan Born), University of Lübeck

7/2013 – 08/2016 Research Associate at the Institute for Medical Psychology and Behavioral Neurobiology (Head: Jan Born), Eberhard Karls University of Tübingen

since 09/2016 Honorary Research Associate at the Institute of Behavioural Neuroscience (Head: Kate Jeffery), University College London

Awards and Grants

07/2017 --- First place in the "Falling Walls Lab" at the University of Manchester for the project "Breaking the Wall of Addiction" (covers expenses for travel to finale)

09/2016 – 08/2018 100,000 € Personal fellowship awarded by the German Research Foundation, 24 months at University College London

07/2016 800 € Travel grant (International Conference on Memory 2016 in Budapest) awarded by the German Academic Exchange Service (DAAD)

05/2016 1,500 € Young Career Award of the German Society for Psychophysiology and its Applications (DGPA)

05/2016 2,600 € Silvia-King Prize of the German Diabetes Society (DDG)

03/2015 2,040 € Travel grant (CNS Annual Meeting 2015) awarded by the DAAD

07/2014 14,000 € Intramural funding (Institutional Strategy of the University of Tübingen) for the Summer School "Memory and Consciousness 2014"

04/2010 --- Accepted for the ESRS – EU "Marie Curie" Project 2007-2010 "Training in Sleep Research and Sleep Medicine" (covered all expenses for training)

Invited Talks

06/2010 "Pharmacological Manipulation of Sleep Dependent Memory Consolidation", University of Surrey, Guildford, United Kingdom

10/2013 "The contribution of glutamatergic mechanisms to sleep-dependent declarative memory consolidation in humans", Donders Discussions 2013, University of Radboud, Nijmegen, Netherlands

03/2015 "Neurochemical mechanisms of sleep-dependent memory consolidation", Department of Biology, University of Pennsylvania, Philadelphia, United States

05/2015 "Optimizing Sleep for Memory: The Roles of Dopamine and Glutamate", Institute of Behavioural Neuroscience, University College London, London, United Kingdom

12/2016 "Blocking Gap Junctions with Mefloquine during Sleep Impairs Declarative Memory Consolidation", MRC Brain Network Dynamics Unit, University of Oxford, United Kingdom

01/2017 "Neurochemical mechanisms of sleep's beneficial effect on memory processes" Cardiff University Brain Research Imaging Centre, University of Cardiff, United Kingdom

03/2017 "Neurochemical Mechanisms of Sleep-Dependent Memory Consolidation: Basic Findings and Clinical Perspectives" Zentralinstitut für Seelische Gesundheit, Mannheim, Germany

06/2017 "Forscherfreiheitsgrade und Stichprobenumfang – Spezifische Herausforderungen der Biologischen Psychologie für reproduzierbare Forschung" at the annual meeting of the Psychobiology and Neuropsychology Section of the DGPs, Trier, Germany

Publications (Articles published by outlets with scientific quality assurance, in chronological order)

- Feld, G. B.**, Specht, M., & Gamer, M. (2010). Differential electrodermal and phasic heart rate responses to personally relevant information: Comparing sleep and wakefulness. *Sleep and Biological Rhythms*, 8(1), 72-78.
- Born, J., & **Feld, G. B.** (2012). Sleep to upscale, sleep to downscale: balancing homeostasis and plasticity. *Neuron*, 75(6), 933-935.
- Feld, G. B.**, Wilhelm, I., Ma, Y., Groch, S., Binkofski, F., Molle, M., & Born, J. (2013). Slow wave sleep induced by GABA agonist tiagabine fails to benefit memory consolidation. *Sleep*, 36(9), 1317-1326.
- Feld, G. B.**, Lange, T., Gais, S., & Born, J. (2013). Sleep-dependent declarative memory consolidation--unaffected after blocking NMDA or AMPA receptors but enhanced by NMDA coagonist D-cycloserine. *Neuropsychopharmacology*, 38(13), 2688-2697.
- Feld, G. B.**, Besedovsky, L., Kaida, K., Munte, T. F., & Born, J. (2014). Dopamine D2-like Receptor Activation Wipes Out Preferential Consolidation of High over Low Reward Memories during Human Sleep. *J Cogn Neurosci*, 26(10), 2310-2320.
- Feld, G. B.**, & Born, J. (2015). Neuroscience. Exploiting sleep to modify bad attitudes. *Science*, 348(6238), 971-972.
- Feld, G. B.**, & Diekelmann, S. (2015). Sleep smart-optimizing sleep for declarative learning and memory. *Front Psychol*, 6, 622.
- Feld, G. B.**, Weis, P. P., & Born, J. (2016). The Limited Capacity of Sleep-Dependent Memory Consolidation. *Front Psychol*, 7, 1368
- Feld, G. B.**, Wilhelm, I., Benedict, C., Rudel, B., Klameth, C., Born, J., & Hallschmid, M. (2016). Central Nervous Insulin Signaling in Sleep-Associated Memory Formation and Neuroendocrine Regulation. *Neuropsychopharmacology*, 41(6), 1540-1550.
- Feld, G. B.**, & Born, J. (2017). Sculpting memory during sleep: concurrent consolidation and forgetting. *Curr Opin Neurobiol*, 44, 20-27.

Organized Symposia

- 06/2015 "Sleep-dependent memory consolidation: Oscillations, reactivation and schemas" at the annual meeting of the Psychobiology and Neuropsychology Section of the DGPs, Frankfurt a.M., Germany
- 07/2016 "Mechanisms, modulation and limits of sleep-dependent memory consolidation." at the 6th International Conference on Memory, Budapest, Hungary

Organized Summer Schools

- 12/2010 Member of the organizing committee for the Winter School "Plasticity Across Systems – Linking Neuronal, Immune and Metabolic Memory", Lübeck, Germany
- 07/2014 Co-head (with Dr. Susanne Diekelmann) of the organizing committee for the Summer School "Memory and Consciousness 2014", Tübingen, Germany

Scientific Service

- 06/2010 – Deputy Representative of the Young Scientists of the German Society for
05/2011 Psychophysiology and its Applications (DGPA)
- 06/2011 – Representative of the Young Scientists of the DGPA
05/2012
- 01/2012 – Member of the Board of the DGPA
12/2013
- 06/2013 – Deputy Representative of the Young Scientists in the Psychobiology and
12/2014 Neuropsychology Section of the German Psychological Society (DGPs)
- 01/2015 – Member of the Board as Representative of the Young Scientists in the Psychobiology and
12/2016 Neuropsychology Section of the DGPs
- since Curation of the Twitter-Account of the the Psychobiology and Neuropsychology
05/2017 Section of the DGPs together with Dr. Hedwig Eisenbarth

Reviewer for (in alphabetical order)

Biological Psychiatry, Experimental Psychology, Journal of Cognitive Neuroscience, Journal of Sleep Research, Neurobiology of Learning and Memory, Neuroimage, Perceptual & Motor Skills, Sleep Medical Reviews, Systematic Reviews