

# Curriculum vitae

## *Personal information*

Name	Nico Lehmann
Date of birth	June 12, 1989
Place of birth	Rodewisch
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## *Academic education and degrees*

04/2014-01/2018	Doctoral dissertation (PhD), Leipzig University and Max Planck Institute for Cognitive and Brain Sciences PhD thesis: „ <i>Hirnstrukturelle Korrelate der Steigerung motorischer Lernprozesse durch eine neuromodulatorische Voraktivierung. Quer- und Längsschnittstudie</i> “ (summa cum laude) Referees: Prof. Dr. Jürgen Krug (Leipzig University), Prof. Dr. Claudia Voelcker-Rehage (Technical University of Chemnitz)
10/2011-01/2014	MEd Sport Science and History, Leipzig University Master thesis: „ <i>Auswirkung einer intensiven Ausdauerbelastung auf die Konsolidierung motorischer Gedächtnisinhalte</i> “
10/2008-9/2011	BA Sport Science and History, Leipzig University Bachelor thesis: „ <i>Zum Zusammenhang von elementarer und komplexer Schnelligkeit bei zyklischen Laufbewegungen unter besonderem Aspekt energetischer Ermüdung</i> “

## *Positions*

since 11/2022	Research Fellow (permanent position), Chair of Training Science, Cognition and Action, Otto von Guericke University Magdeburg (Head: Prof. Dr. Marco Taubert)
10/2022	Appointment to the assistant professorship (W1) “ <i>Sportwissenschaft mit dem Schwerpunkt Bewegung und Kognition in der Lebensspanne</i> “, Ruprecht Karl University of Heidelberg (rejected)
since 01/2018	Research Associate (Postdoc), Chair of Training Science, Cognition and Action, Otto von Guericke University Magdeburg (Prof. Dr. Marco Taubert)

- 01/2017-12/2017 Research Associate (“Diplomassistent”) in the project “*Neural adaptations in response to long-term balance training in young and old: Behavioural, structural, functional and neurophysiological differences*”, funded by the Swiss National Science Foundation, University of Fribourg, Switzerland (Prof. Dr. Wolfgang Taube)  
 Planning and initiation of the project, data collection (focus on MRI, fNIRS, behavioural data), statistical data analysis and publication (in progress)
- 01/2015-12/2016 Research Associate (PhD position) at the Max Planck Institute for Human Cognitive and Cognitive and Brain Sciences Leipzig, Department of Neurology (Prof. Dr. Arno Villringer)  
 Work on the PhD thesis
- 10/2013-12/2014 Academic assistant in the junior research group “*Motor Speed and Cognition*” (European Social Fund), Institute for General Training Science and Kinesiology, Leipzig University (Prof. Dr. Maren Witt/ Prof. Dr. Jürgen Krug)

### ***Awards and Honors***

- 2023 Paper “*Changes in Cortical Microstructure of the Human Brain Resulting from Long-Term Motor Learning*” featured in JNeurosci’s “This Week in the Journal” (<https://www.jneurosci.org/content/43/50/8578>)
- 2018 Dissertation prize on the occasion of the 25<sup>th</sup> anniversary of the Faculty of Sports Science at Leipzig University (best PhD thesis at the Faculty in the last three years)
- 2013 “Meinel Prize” of the Faculty of Sports Science, Leipzig University for the best graduation thesis

### ***Ad hoc journal reviewer (selection)***

NeuroImage, Human Brain Mapping, Brain Structure & Function, Magnetic Resonance in Medicine, Scientific Reports, Neurobiology of Aging, Neuroscience, PLoS ONE, Heliyon, Frontiers in Psychology, Frontiers in Sports and Active Living, International Journal of Sports Science & Coaching, Brain Imaging and Behavior, Journal of Cognitive Enhancement