

# Merle Christine Hönig, M.Sc.

## Curriculum Vitae

### HIGHER EDUCATION

---

- Since 01/2016 **PhD candidate** at the Department of Nuclear Medicine of the University Hospital Cologne, Cologne, Germany  
*Project: Influences of epigenetic mechanisms and cognitive reserve on Alzheimer's disease: A multimodal imaging approach*
- 03/2015 – 08/2015 **Research internship** at the Institute of Neuroscience and Medicine (INM-I) of the Research Center Jülich, Jülich, Germany  
*Project: The effects of aging on cognitive performance and the gyrification index of the human parietal lobe*
- 11/2014 – 02/2015 **Clinical internship** at the Department of Neuropsychology of the University Hospital Cologne, Cologne, Germany
- 09/2013 – 08/2015 **Research Master “Cognitive and Clinical Neuroscience– Specialization: Neuropsychology”** at Maastricht University, Maastricht, The Netherlands  
*Thesis: The effects of aging on cognitive performance and the gyrification index of the human parietal lobe*
- 10/2010 - 08/2013 **Bachelor program “Cognitive Science”** at the University of Osnabrück, Osnabrück, Germany  
*Thesis: Effects of a single bout of exercise on cognition, motor function, and mood in Parkinson's disease*
- 08/2000 - 06/2009 **Stay Abroad** close to London, UK.
- 08/2000 - 06/2009 **Secondary School** at the Gymnasium Oberursel, Oberursel, Germany  
Graduation: Abitur (A-levels), 19.06.2009

### PROFESSIONAL EXPERIENCE

---

- 04/2014 – 10/2014 **Research assistant** at Medtronic, Maastricht, The Netherlands  
*Data entry and review*
- 09/2012- 07/2013 **Research assistant** at the Pacific Parkinson's Research Centre at the University of British Columbia, Vancouver, Canada  
*Project: The effects of a single bout of exercise on Parkinson's disease  
Involved in preparation and conduction of study*

## HONORS & STIPENDS

---

10/2017	'Best Poster Award' at the 1 <sup>st</sup> International Conference on Cognitive Reserve in Dementias, Munich, Germany, October 24 <sup>th</sup> -25 <sup>th</sup>
07/2017	'Best Poster Award- Diagnosis and Prognosis' at the Alzheimer's Association International Conference (AAIC) in London, UK, July 16 <sup>th</sup> -20 <sup>th</sup>
10/2015	PhD stipend for 3 years in the Research Training Group 1960 funded by the Deutsche Forschungsgemeinschaft
12/2012	Travel grant from the University of Osnabrueck sponsored by the PROMOS- program of the DAAD for stay abroad in Vancouver, Canada

## PROFESSIONAL SOCIETIES & MEMBERSHIPS

---

Since 09/2016	Student representative of the Research Training Group - 1960
Since 2017	ISTAART
Since 2016	Human Brain Mapping
Since 2015	Alumni Network Maastricht University

## PUBLICATIONS

---

**Hoenig MC**, Bischof GN, Hammes J, Faber J, Fliessbach K, van Eimeren T, et al. Tau pathology and cognitive reserve in Alzheimer's disease. *Neurobiol Aging*. 2017 Sep;57:1–7.

**Hoenig MC**, Bischof GN, Hammes J, Seemiller J, Fink GR, van Eimeren T, Drzezga A. Networks of Tau Distribution in Alzheimer's disease. *Brain*, 2018

## CONFERENCE ABSTRACTS (2017-2014)

---

**Hoenig MC**, Bischof GN, Hammes J, Faber J, Fliessbach K, van Eimeren T, Drzezga A. Tau pathology and cognitive reserve in Alzheimer's disease (October 2017). ResDem, Munich, Germany.

**Hoenig MC**, Bischof GN, Hammes J, Faber J, Fliessbach K, van Eimeren T, Drzezga A (July 2017). Tau pathology burden associated with level of cognitive reserve in Alzheimer's disease. AAIC, London, UK.

**Hoenig MC**, Bischof GN, Hammes J, van Eimeren T, Drzezga A (July 2017). Networks of Tau Distribution in Alzheimer's disease. AAIC, London, UK.

**Hoenig MC**, Bischof GN, Hammes J, van Eimeren T, Drzezga A. Detection of specific tau pathology networks in Alzheimer's disease (June 2017). OHBM, Vancouver, Canada.

**Hoenig MC**, Bischof GN, Hammes J, Faber J, Fliessbach K, van Eimeren T, Drzezga A (March 2017). Tau pathology and cognitive reserve in Alzheimer's disease. DGN, Dresden, Germany.

**Hoenig MC**, Sacheli MA, Murray D, Campbell K, McKenzie J, McKeown MJ, Appel-Cresswell S (June 2014). A single bout of cycling exercise improves mood and motor function in Parkinson's disease. MDS 18th International Congress of Parkinson's Disease and Movement Disorders, Stockholm, Sweden.