

## PhD Student Position in Psychology at the University of Bonn

A PhD student position is available in the Section of Cognitive Psychology in the Department of Psychology at the University of Bonn (PI: Ulrich Ettinger). The start date of the position is 1<sup>st</sup> April 2023 and the duration of the contract for scientific researcher (Wissenschaftliche\*r Mitarbeiter\*in) is 36 months initially.

We are seeking a strong candidate with research interests at the intersection of cognition, eye movements, psychopharmacology and brain function. Methods of the lab include video-based oculography, pharmacological challenge designs, and fMRI. Representative publications include the following:

- Coors A, Imtiaz MA, Boenniger MM, Aziz NA, Breteler MMB, Ettinger U (in press). Polygenic risk scores for schizophrenia are associated with oculomotor endophenotypes. *Psychological Medicine*.
- Faßbender K, Bey K, Lippold JV, Aslan B, Hurlemann R, Ettinger U (2022). GABAergic modulation of performance in response inhibition and interference control tasks. *Journal of Psychopharmacology*, 35(12), 1496-1509.
- Faiola E, Meyhöfer I, Ettinger U (2020). Mechanisms of smooth pursuit eye movements in schizotypy. *Cortex*, 125, 190-202.
- Schröder R, Kasparbauer AM, Meyhöfer I, Steffens M, Trautner P, Ettinger U (2020). Functional Connectivity During Smooth Pursuit Eye Movements. *Journal of Neurophysiology*, 124(6), 1839-1856.
- Steffens M, Neumann C, Kasparbauer AM, Becker B, Weber B, Mehta MA, Hurlemann R, Ettinger U (2018). Effects of Ketamine on Brain Function during Response Inhibition. *Psychopharmacology*, 235(12), 3559-3571.

Task and responsibilities:

- Design and execution of experiments, data analysis (incl. oculography, fMRI)
- Preparation of publications
- Presentations at international conferences
- Contribution to teaching on BSc and MSc psychology courses (in German or English)
- Co-supervision of BSc/MSc psychology research projects

Prerequisites:

- MSc degree in psychology, neuroscience or a related subject
- Strong background in quantitative research methods and statistics
- Keen interest in acquiring new methods
- Strong ability to work in a team

Opportunities:

- The position is salaried at TVL E13 (75%).
- The student may study towards a Dr. phil. degree from the Faculty of Arts at the University of Bonn.

- Participation in the Bonn International Graduate School (BIGS) Neuroscience or the Structured Doctoral Programme of the Faculty of Arts will be supported.
- The lab collaborates closely with other groups in Psychology, in the Medical Faculty, and in the German Centre for Neurodegenerative Disorders (DZNE).
- The University of Bonn provides an intellectually stimulating environment with excellent support of doctoral students. The University belongs to the top universities in Germany, having been awarded the status of University of Excellence in 2019.
- Bonn is a very pleasant and international city, boasting beautiful outdoors and providing easy access to numerous major European cities.

Further information on the lab may be obtained here: [https://www.psychologie.uni-bonn.de/de-en/about-us/sections/cognitive-psychology?set\\_language=en](https://www.psychologie.uni-bonn.de/de-en/about-us/sections/cognitive-psychology?set_language=en)

To apply, please submit a single PDF containing a letter of motivation, CV, degree certificates, transcripts, and recommendation letters and/or names of referees to Prof Ulrich Ettinger ([ulrich.ettinger@uni-bonn.de](mailto:ulrich.ettinger@uni-bonn.de)) by 10<sup>th</sup> October 2022.