M.Sc. Jana Fehring

PhD at the Institute for Biomagnetism and Biosignalanalysis, University of Münster

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Educational Background

University of Heidelberg (2019-2023)

Master's program: Molecular Biosciences, Mayor: Neuroscience

- <u>Thesis:</u> Assessing the effect of respiration phase modulation in the analysis of brain-computer interfaces (grade 1.0)
  Supervision: Dr. Enriquez-Geppert, University of Groningen; Prof. Dr. Draguhn, University of Heidelberg
- <u>Internship:</u> Improving BCI algorithms to analyze EEG data
  Supervision: Dr. Enriquez-Geppert, University of Groningen
- <u>Internship:</u> Decoding the perturbation-evoked potential from human EEG
  Supervision: Dr. Schwarz & Prof. Dr. Rupp, University Hospital Heidelberg
- <u>Internship:</u> Establishment of a computational workflow to quantify puncta inside Nuclei *(in Matlab)*
  Supervision: Dr. Agarwal, University of Heidelberg
- <u>Internship:</u> The role of specific populations of neurons in the dorsal hippocampus in spatial memory
  Supervision: Dr. McLaren, Prof. Dr. Monyer, DKFZ Heidelberg

University of Bielefeld (2016-2019)

Bachelor of Biology with a Specialization in Neuroscience

- <u>Thesis:</u> Age-dependent changes in activity in visual processing neurons in flies (Calliphora vicina)
  Supervision: Dr. Kern, University of Bielefeld

Working Experience

2021 Ruprecht-Karls University of Heidelberg

- <u>Paid research assistant, Heidelberg Institute of Global Health:</u> Data cleaning and processing with R

2018 – 2019 University of Bielefeld

- <u>Paid student assistant, University of Bielefeld:</u> Tutoring statistics and programming with R

Scolarships

- 2018 – 2020: Deutschlandstipendium, Stiftung Studienfonds OWL, Helga und Ulrich Zierold Stiftung
- 2021 – 2022: Two ERASMUS+ Scolarships for internships, University of Groningen, Netherlands

Conferences

- Synapsium Nijmegen: Co-presenting a poster on the master thesis project (2022)
- Society of applied neuroscience: presenting a poster on the master thesis project (2022)