

The

## **German Institute of Human Nutrition Potsdam-Rehbruecke (DIfE)**

is a member of the Leibniz Association. The institute's mission is to conduct experimental and clinical research in the field of nutrition and health, with the aim of understanding the molecular basis of nutrition-dependent diseases, and of developing new strategies for treatment and prevention (Website: <http://www.dife.de/?lang=en>).

We invite applications for the newly founded Department of **Decision Neuroscience and Nutrition (DNN)**, formed as part of a joint appointment with the Charité – Universitätsmedizin Berlin for

### **1 PostDoc (m/f/d)**

The general aim of the department is to understand the complex mechanisms of human decision making. In this DFG-funded project, we investigate the learning mechanisms that underly diverse decisions in healthy and clinical populations. Further, we use brain stimulation to tackle the changes in learning and decisions. This highly interdisciplinary research requires a systematic combination of neural, (fMRI, EEG, NIRS), physiological (SCR, HR, Eye movements) and metabolic data (i.e. hormones).

#### **Tasks**

- Planning and implementation of research projects and analysis of multimodal data (neuronal, physiological, metabolic and behavioral data) using current and innovative methods (e.g. behavioral modelling, MVPA)
- Presentation of research results (in scientific journals, colloquia and conferences)

#### **Requirements and Skills**

- Excellent master and doctoral degree in psychology, cognitive science, biology, computer science, medicine or an equivalent discipline
- Relevant research experience or interest in the field of "Decision Neuroscience" or Neuroeconomics
- Knowledge of neuroscientific methods (fMRI, EEG, MEG or NIRS) and/or in psychophysics would be of great advantage
- Programming skills in Matlab and experience in advanced statistical analyses (e.g. machine learning)
- Knowledge of behavioral modeling would be of great advantage
- High motivation and interest in interdisciplinary collaboration in a versatile research environment in an international team

The advertised position is available for 2 years up until 31.12.2021. The level of salary will be determined on the basis of standard/tariff conditions, present qualifications and professional experience.

We expect a team player with high problem-solving skills, excellent achievements and a high level of commitment.

#### **Contact**

Please send your detailed application (letter of motivation, CV, certificates, references) **by 15.10.2019** to:

**German Institute of Human Nutrition  
Human Resources and Social Services  
Arthur-Scheunert-Allee 114-116  
14558 Nuthetal**

or via E-Mail to [jobs@dife.de](mailto:jobs@dife.de)

For more information please contact:

Prof. Dr. Soyoung Park, Head of Department DNN, E-Mail: [Soyoung.Park@dife.de](mailto:Soyoung.Park@dife.de)

*By submitting your application documents, you grant us the right to collect, process, and use your personal data exclusively for the application selection process. For further information about your rights according to the data protection law, please contact the department Human Resources and Social Services ([jobs@dife.de](mailto:jobs@dife.de)).*