Behavioral and neuronal mechanisms involved in learning in children

Project description

It is often assumed that children learn better and faster than adults. If this assumption is correct, it is unclear what mechanisms lead to such superior learning in children. In this project, we will conduct a systematic investigation of mechanisms involved in learning in children and compare the identified mechanisms with those in adults using behavioral training and brain imaging (magnetic resonance imaging and spectroscopy).

Keywords

Brain Imaging, Children, Development, Learning, Plasticity

Entry requirements

- MSc degree in Psychology, Cognitive Neuroscience or a related field
- Experience in experimental research; previous knowledge of brain imaging is an advantage
- Proficiency in German language desirable; proficient language skills in English (C1)

Location

Institute for Psychology, University of Regensburg
Universitätsstraße 31, 93053 Regensburg

Starting date

Flexible, preferably before the end of 2024

Funding

Four years of funding (3+1, three years with the possibility to extend for one year)

How to apply

Please apply via the HFA application portal.

Application Deadline

March 31, 2024

Enquiries

For further details about the project, please contact Hector RCD Awardee Dr. Sebastian Frank, Sebastian1.Frank@psychologie.uni-regensburg.de
For questions related to the application process, please contact the Hector Fellow Academy Office: application@hector-fellow-academy.de or check the HFA website https://hector-fellow-academy.de/en/

Interdisciplinary Network for
Cutting-Edge Research