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/