

## **Biography**

**Dr. Yiquan Shi, her research passion lies in revealing the neurocognitive mechanisms underlying executive and adaptation functions. She has substantial expertise of behavioral and fMRI experimental design, developing cognitive task paradigms and data analysis. She has published papers in advanced peer-reviewed journals of the field including NeuroImage, Brain and Cognition, Human Brain Mapping as first author. Yiquan Shi has studied in Peking University and received her master degree in 2006. Then she completed her doctoral study at the Ludwig-Maximilians-University at Munich with the grade "summa cum laude" in the thesis defense in 2010. After a year and half post-doctoral research in LMU, Yiquan Shi moved to Dresden to continue her research. She has been working in the department of psychology of TU Dresden in the project SFB 940 ("Volition and Cognitive Control") as a**



**Wissenschaftlicher Mitarbeiter since 2012. She took a maternity leave in 2016 and returned to work at the beginning of 2017. Since then, Yiquan Shi attempts to extend her research to an exciting arena, the adaptation and learning in real-life situation and the neural traces (e.g., neural traces of addiction, application of cognitive test and training). Yiquan Shi was selected by the Maria-Reiche-Mentoring Program of TU Dresden (one of the eight selected researchers in 2018/2019 term) and the LifeTechLab of TU Dresden (one of the six start-up incubation program in the 2020 summer term; project "Return to Work" Cognitive Training). In 2022, Yiquan Shi expanded the project content and core team of "Return to Work" and launched the "Mind Explorer " entrepreneurial project. "Mind Explorer" will be committed to the transformation of scientific research. It will build a professional test platform and a series of specific APPs of mental and brain health.**