Philipps Universität Marburg

The **Department of Psychology** is currently accepting applications for a

Research Assistant
(PhD student).

The starting date is as soon as possible. The position is offered for a period of 3 years, assuming the candidate has not previously worked at a German institution of higher education or research facility. The position is part-time (65 % of regular working hours) with salary and benefits commensurate with a public service position in the state Hesse, Germany (TV-H E 13, 65 %).

The successful candidate will work and receive training as a PhD student in the project "Can current Bayesian and associative models of learning explain individual differences in retrospective revaluation? Answers from behavioral experiments". This is Project No 12 of the newly funded DFG Research Training Group 2271 at the Psychology department and will be run in close collaboration with Project No 2. The RTG emphasizes (1) multi-disciplinary research, (2) supportive supervision, (3) an optimal social and local infrastructure, and (4) internationalization. More information about the projects can be found at http://uni-marburg.de/HW4DB.

Duties include the independent development of research questions according to project 12's topic as well as the planning, conducting, and analyzing of human behavioral experiments, contributions to scientific publications, as well as regular participation in and an active contribution to the RTG's qualification program. As part of the assigned duties, the independent scientific research necessary for the completion of the doctorate will be conducted.

The position is limited to a time period deemed adequate for the completion of a doctoral degree. The limitation complies to § 2, 1 WissZeitVG.

Formal requirement is an excellent degree (Master, Diploma, or comparable) in psychology, cognitive science, computer science, engineering, biology or physics. The successful candidate also needs to demonstrate an interest in the topic of the project and experience of conducting experimental research (preferably, behavioral experiments with human or animals). Both should be documented in a motivation letter (1 page max), in which you may refer to prior experiences, for instance, a thematically pertinent thesis, student research assistant positions, etc. You should also have an interest in quantitative modelling and be able to demonstrate first programming experience in e.g. Python or Matlab. Prior exposure to associative, Bayesian or other mathematical learning models and experience and interest in developing virtual-reality scenarios and technology for research purposes are advantageous.

Feel free to contact project's principal investigator Dr. Anna Thorwart, anna.thorwart@uni-marburg.de, for more information.

We actively support the professional development of junior researchers, e.g. by the offers of Marburg Research Academy (MARA), the International Office, the Higher Education Didactics Office and the Human Resources Development Office.

We support women and strongly encourage them to apply. In areas where women are underrepresented, female applicants will be preferred in case of equal qualifications. Applicants with children are welcome – Philipps-University is certified as a family-friendly university. Reduction of working time is possible. Applicants with a disability as described in SGB IX (§ 2 Abs. 2, 3) will be preferred in case of equal qualifications. Application and interview costs cannot be refunded.

Please send your application (including a project-specific motivation letter in English, curriculum vitae, copies of relevant diplomas) mentioning reference no. fb04-0038-wmz-2017 as a single PDF file to anna.thorwart@uni-marburg.de before 03. November 2017.