

Research Assistant on the topic of "Intelligent Mobile Health Technologies for Human Behavior Change" (m/w/d)

The Chair of Business Administration and Information Systems has a vacancy for a full time research assistant position (pay grade TV-L E 13, 100%). The employment is initially limited to two years. An extension is possible. The possibility of a doctorate is given and desired.

Who we are:

The chair of Prof. Dr. Armin Heinzl researches digital innovation in healthcare at the highest international level. In this context, great importance is given to the design of information technologies with a cognitive theoretical perspective. As a PhD student (m/w/d) you will have the opportunity to conduct independent research within the **DFG (German Research Foundation) project "mHealth Induced Behavior Change."** The project deals with the design of intelligent health applications on mobile devices. It pursues the goal of designing and implementing mHealth apps in such a way that a more sustainable improvement in health behavior can be achieved. The focus is on dynamic analysis of user data to enable targeted and context-dependent delivery of push notifications using adaptive technologies. This is intended to ensure that mHealth users continue their activities on an ongoing basis in order to achieve their own health goals in the long term.

The position includes the following responsibilities:

- Conduct research and development work with smart mHealth apps;
- Analyze dynamic user data to design context- and time-sensitive user push notifications;
- Research an independent topic while pursuing a PhD;
- Preparation and submission of publications to international conferences and journals;
- Support in the preparation and execution of teaching assignments.

Requirements:

- We are looking for a motivated, committed and team-oriented personality with an above-average master's degree in computer science, business informatics, medical informatics, data science or related fields of study,
- who is open to the theory-based design of information technologies,
- enjoys scientific work,
- has a very good English,
- has a strong analytical mind, and
- enjoys implementing innovative technical solutions.

We offer:

- The opportunity to participate in an attractive research project and to implement your own ideas;
- A good working atmosphere at a motivated and success-oriented chair with intensive supervision by a post-doctoral fellow;
- A high degree of independence, attentiveness and responsibility in the team;
- More in-depth professional qualification opportunities at our graduate school (GESS);
- The improvement of teaching skills at the Hochschuldidaktikzentrum (HDZ) Baden-Württemberg);
- A workplace close to Mannheim's main train station.

Please send your application with motivation letter, curriculum vitae, transcript of grades, copies of certificates and other relevant documents by e-mail to **Dr. Monica Fallon**, fallon@uni-mannheim.de or by mail to the University of Mannheim, Chair of ABWL and Business Informatics, Dr. Monica Fallon, 68131 Mannheim, Germany.

*The position will be awarded on a temporary basis according to the *WisszeitVg*. The University of Mannheim aims to increase the proportion of women and therefore expressly invites applications from suitably qualified women. Applications from severely disabled persons will be given preference in the case of otherwise essentially equal suitability, ability and professional performance.*

Data protection: Please note that the transmission of an unencrypted e-mail may pose a risk to confidentiality and unauthorized access by third parties cannot be ruled out. The documents submitted will only be returned if a sufficiently stamped envelope is sent at the same time. Otherwise, they will be destroyed after completion of the application process in accordance with the requirements of data protection law; electronic applications will be deleted accordingly.