

The **Faculty of Philosophy and Social Sciences** of the **University of Augsburg** is offering a position as

### **Doctoral researcher (m/f/d)**

in the scope of a **75 % position** (30 hours per week) for a **fixed-term contract of 3 years and 9 months** to be filled from **1<sup>st</sup> October 2025**. The salary is up to pay group **TV-L 13** if the personal and collective agreement requirements are met.

The position is based at the **Chair of Learning Analytics and Educational Data Mining** (Prof. Dr. Michael Sailer) and is part of the **SHARP Collaborative Research Centre**.

### **About us**

The DFG-funded Collaborative Research Centre (CRC) **SHARP** 'Simulation-based learning in higher education: Advancing research on process diagnostics and personalised interventions' contributes to theory-building on personalising learning using simulations in higher education. As a joint research context, SHARP focuses on diagnosing and intervening as two highly relevant professional practices in many academic professions.

The subproject **B04** 'Symptoms of learning and behavioural difficulties: Enhancing the diagnostic and intervention-related skills with adaptive feedback', investigates the conditions under which personalised feedback in simulations can support students with varying professional specialisations and corresponding knowledge bases in diagnosing and addressing learning and behavioural difficulties in children. **B04** is currently looking for a doctoral researcher. The position is located at the Chair of Learning Analytics and Educational Data Mining (Prof. Dr. Michael Sailer), in collaboration with Department of Psychology, LMU (Prof. Frank Niklas), and with the Institute of Mathematics Education, LMU (Prof. Stefan Ufer).

### **Your tasks and responsibilities**

Your tasks will include

- planning, preparing and conducting empirical studies on simulation-based learning
- analysing data
- contributing to scientific publications.

### **Your qualification**

- You have a very good Master's degree in the field of educational science, psychology, or learning sciences.
- You are interested in interdisciplinary collaboration and working in research teams.
- You have very good knowledge of social science research methods and statistics.
- You have experiences in planning and conducting empirical studies.
- You have knowledge of learning analytics and AI in education.
- You have experience in empirical research in the context of higher education.
- You have very good written and spoken English skills.
- Experiences with multimodal process analyses and software for evaluating and managing complex data would be an advantage.

The required qualification must already be proven in the application documents by means of appropriate certificates.

## Benefits

- We offer the opportunity to obtain a doctorate in educational psychology or educational research
- Contributing to the CRC SHARP, you will become part of an interdisciplinary group of researchers working in an excellent research environment to significantly advance higher education theory and practice.
- The CRC provides all its members with tailored support, coaching and supervision, including special support for international researchers.

The University of Augsburg promotes professional equality for women. Women are expressly encouraged to apply. The University of Augsburg is particularly committed to the compatibility of family and working life. For more information, please contact the Faculty's Equal Opportunities Officer for Women in Science and Art. Applicants with severe disabilities (m/f/d) will be given preference if their suitability, qualifications and professional performance are otherwise essentially equal. We expressly welcome applications from people with a migration background.

## Contact

If you have any questions about the application process, please contact Prof. Dr. Michael Sailer ([michael.sailer@uni-a.de](mailto:michael.sailer@uni-a.de)).

Your detailed application includes a cover letter, your CV and copies of your transcripts and certificates. Please send this application exclusively in digital form as a single PDF file **no later than**

**July 2<sup>nd</sup>, 2025**

addressed to Prof. Dr. Michael Sailer ([michael.sailer@uni-a.de](mailto:michael.sailer@uni-a.de))

## Data protection:

As part of your application for a position at the University of Augsburg, you submit personal data. Please refer to the University of Augsburg's privacy policy. By submitting your application, you confirm that you have taken note of the data protection information and that you agree to the data processing as part of the application process.

Please note that only the German version of the job advertisement is legally binding, which can be found on the website: <https://www.uni-augsburg.de/de/jobs-und-karriere/stellenangebote>.