Technical University of Munich (TUM) is one of Europe's leading research universities. Since its founding in 1868, it has been committed to excellence in research and teaching at the highest international standards.

The Chairs of Educational Psychology and Teaching and Learning with Digital Media at **TUM** are looking for two

Research Associate (m/f/x)

in Munich (75%, TV-L E13, from 01.10.2025)

About us

The DFG-funded Collaborative Research Centre **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 **B02** Personalised fostering of collaborative intervention skills in medicine, explores conditions for effective advancement of collaborative intervention skills in simulation-based medical education. One open position at the Chair Teaching and Learning with Digital Media, School of Social Sciences and Technology, TUM (Prof. Dr. Maria Bannert) will focus on measures and support of self-regulated learning in the simulation; the second open position is located at the Department of Psychology, Chair of Education and Educational Psychology (Prof. Frank Fischer), in collaboration with the Department of Medicine IV, LMU University Hospital, LMU Munich (Prof. Dr. med. Ralf Schmidmaier), the Institute of Medical Education, LMU University Hospital (Prof. Martin Fischer).

Your tasks and responsibilities

- Your responsibility will be to develop and and to contribute to the development of the adaptive scaffolding and the option for self-regulated adaptation of the simulation.

- Your tasks will include implementing measures of self-regulation prerequites and behavior, planning and conducting empirical studies on simulation-based learning, supervising student qualification theses and contributing to scientific publications.

Your qualification

- You have an excellent Master´s degree in the field of educational psychology, educational research, 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.

- Experiences with multimodal process analyses and software for evaluating and managing complex data would be an advantage.

- You have very good written and spoken English skills and good written and spoken German skills.

Benefits

- We offer the opportunity to gain further academic qualifications, particularly to obtain a doctorate in educational psychology.

- Contributing to the CRC SHARP, you will become part of an interdisciplinary group of experts working in an excellent research environment to significantly advance higher education theory and practice.

- The CRC provides all its members with tailored support and supervision measures, including special support for international researchers.

- You will be paid an attractive salary at the payscale 0.75 FTE of TV-L E13. Your contract will be initially limited to 1 year.

- Your workplace is centrally located in Munich and easily accessible by public transportation.

We welcome applications from women and other groups that are currently underrepresented in the academic system.

People with disabilities who are equally as qualified as other applicants will receive preferential treatment.

Contact

Your detailed application includes a cover letter, your CV and copies of your transcripts and certificates as a single PDF.

Please send your application by 30 June 2025 to sekretariat.bannert.lldm@sot.tum.de

If you have any questions, please contact maria.bannert@tum.de