

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 Medical Education and Educational Psychology at **TUM** are looking for two

Research Associates (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.

In the subproject **C03** the topic of [personalised support of medical students' professional vision in ward round communication](#) is investigated. One open position at the TUM Medical Education Center (Prof. Pascal Berberat, Prof. Martin Gartmeier) will focus on designing expert modeling examples of ward round communication. The second open position at the Chair of Educational Psychology (Prof. Tina Seidel) will focus on designing the simulation using eye-tracking technologies.

Your tasks and responsibilities

- Your responsibility will be to develop and adapt a simulation in line with professional vision research, and to investigate its effectiveness in facilitating learning of ward round communication.
- Your tasks will include 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. German skills are advantageous and should be included in the CV if applicable.

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 limited to 3.75 years.
- 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 qualified as other applicants will receive preferred 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 20.06.2025 to christian.kosel@tum.de.

If you have any questions, please contact christian.kosel@tum.de.

When applying for a position at TUM, you will be required to submit personal data. Please note our privacy policy in accordance with Art. 13 of the General Data Protection Regulation (GDPR) <http://go.tum.de/554159> regarding the collection and processing of personal data in connection with your application. By submitting your application, you confirm that you have read and understood TUM's privacy policy.