

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 Research Unit for Formal and Informal Learning at **TUM** is looking for a

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.

In the subproject [C06](#) the topic of [promoting motivation- and emotion-related diagnostic skills in pre-service teachers through video-based simulations](#) is investigated. The open position is located at the Research Unit Formal and Informal Learning (Prof. Doris Lewalter) in collaboration with the Research Unit Educational Psychology and Learning Sciences (Prof. Anne Frenzel) at LMU.

Your tasks and responsibilities

- Your key tasks will be to develop and adapt a video-based simulation for the promotion of pre-service teachers' motivation- and emotion-related diagnostic skills, and to investigate its effectiveness
- Your responsibilities will include planning and conducting empirical studies, supervising student assistants, student qualification theses and disseminating findings to the scientific community.

Your qualification

- You have an excellent Master's degree in the field of educational psychology, educational science, 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 psycho-physiological measures and generative AI open-ended answer coding would be an advantage.
- You have very good written and spoken English skills and excellent written and spoken German skills.

Benefits

- We offer the opportunity to gain further academic qualifications, particularly to obtain a doctorate in educational science or 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 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 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 06-07-2025 to sek.lewalter.fil@sot.tum.de

If you have any questions, please contact frenzel@lmu.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.