

At the Chair of Research and Science Management – Prof. Dr. Claudia Peus – we are looking to hire a

Research Assistant (m/f/d)

(up to 20 weekly hours, starting in March 2026 or later)

At the Chair of Research and Science Management of the Technical University of Munich (TUM), our focus lies on leadership and leadership development in the digital age, the management of research organizations, and the attraction and development of diverse talents. Within this scope, we pursue several interrelated projects. The **ACE project** aims to develop an immersive virtual reality-based training for management communication, while a complementary line of research examines the **assessment of destructive leadership** to better understand how such behaviors emerge in workplace contexts. In these projects, we integrate research methods from the **social sciences, neuroscience, virtual reality, and artificial intelligence**.

We are currently developing a **virtual reality-based assessment** in which leaders interact in real time with AI-powered subordinates displaying different behavioral characteristics. During these interactions, we collect behavioral and neurophysiological data (e.g., verbal responses, heart rate variability, eye tracking).

This is where you come in!

We are looking for motivated students to support us primarily in the **technical development** of these projects. You will work on an existing VR prototype and contribute to its further refinement, with a strong focus on **Unity development and data collection**.

Your responsibilities:

- Enhancing realism in VR environments (e.g., avatar movement, lip-sync, asset integration)
- Implementing experimental designs (e.g., scenario randomization, AI-driven avatars, prompt engineering)
- Developing and integrating a data pipeline for the **Meta Quest eye tracker**
- Supporting data collection and technical testing of experimental setups

Your qualifications:

- Enrolled in a Master's program or advanced Bachelor's studies in a relevant field (e.g., Computer Science, Games Engineering, Robotics, or related disciplines)
- Experience with **Unity** and confidence in programming with **C#**
- Structured, independent, and reliable working style
- Strong interest in interdisciplinary research

Application process:

We are looking forward to your application, comprising your CV and current transcript of records, as soon as possible. Please send your application to Ms. Arij Briki (arij.briki@tum.de).

Chair of Research and Science Management (Prof. Dr. Claudia Peus), Technical University of Munich, Arcisstr. 21, 80333 München, www.msl.mgt.tum.de/rm

TUM strives to raise the proportion of women in its workforce and explicitly encourages applications from qualified women, as well as by FINTA (women, intersex, non-binary, transgender, and agender) individuals. The position is suitable for disabled persons. Disabled applicants will be given preference in case of generally equivalent suitability, aptitude and professional performance.

Data protection notice: As part of your application, you provide personal data to the Technical University of Munich (TUM). Please view our privacy policy on collecting and processing personal data in the course of the application process pursuant to Art. 13 of the General Data Protection Regulation of the European Union (GDPR) at <https://portal.mytum.de/kompass/datenschutz/Bewerbung/#English>. By submitting your application, you confirm to have read and understood the data protection information provided by TUM.