



At the German Sport University Cologne, in the Institute of Movement Therapy and Movement-Oriented Prevention and Rehabilitation, Department 1, a position as

### **Research Associate (m/f/d)**

is to be filled full-time with a regular weekly working time of currently 39 hours and 50 minutes, starting from April 1, 2025.

The position is initially limited until September 30, 2027, in accordance with the Science Time Limit Act (WissZeitVG) for the purpose of promoting scientific qualification. This period is considered appropriate for the promotion of scientific qualification. A focus could be the acquisition of interdisciplinary skills in the research of brain-body interactions through the development and application of innovative methods in neuroscience, biomechanics, and data science to analyze and interpret complex multimodal datasets. Additionally, the qualification could involve deepening scientific skills in the preparation of research proposals and in the publication of research results.

#### **Your tasks**

- Support in the establishment of a Mobile Brain and Body Imaging Lab
- Development of movement experiments using EEG and/or fNIRS in combination with biomechanical measurement techniques (e.g., EMG, 3D Kinematics, Posturegraphy) in Lab Streaming Layer
- Development of evaluation routines
- Statistical analysis of complex datasets
- Participation in the preparation of research proposals
- Publication of research results
- Supervision of thesis projects (Bachelor's and Master's theses) and conducting exams
- Participation in the self-administration of the institute

#### **Required qualifications**

- Completed university degree (Diploma or Master's) in sports science or a related field
- Relevant expertise in the field, particularly in the design and implementation of research projects using Mobile Brain and Body Imaging
- Experience in publishing research results, e.g., publications in scientific journals

#### **Desired qualifications**

- High expertise in scientific work
- Strong interest in research activities and independence in scientific work
- Experience in acquiring competitive third-party funding (e.g., EU, Erasmus+, DFG, or BMBF projects)
- Experience in university teaching
- Team spirit, flexibility, and resilience
- Strong initiative and a high level of commitment

If the personal and tariff-related requirements are met, the position will be classified up to pay group 13 TV-L. More detailed information about salary can be found [here](#). The salary level will be determined based on personal professional experience.

The position comes with a teaching obligation of 4 SWS/F 1 according to the teaching obligation regulation of NRW.

Positions can generally also be filled part-time, unless there are compelling official reasons against it.



The German Sport University Cologne strives to increase the proportion of women. Applications from qualified women are therefore explicitly welcomed. Women will be given preference according to the State Equal Opportunity Act.

Applications from people with disabilities and those with equivalent status are also welcome and will be considered preferentially within the scope of legal provisions.

The German Sport University Cologne supports its employees in balancing family and career.

Please submit your application, indicating the reference number **2507-WMA-Bewegungstherapie**, in a single PDF file to [bewerbung@dshs-koeln.de](mailto:bewerbung@dshs-koeln.de) by the **14.03.2025**.

For questions regarding the tasks, please contact Prof. Dr. Bettina Wollesen at Tel. +49 221 4982-4790 or by email at [b.wollesen@dshs-koeln.de](mailto:b.wollesen@dshs-koeln.de). For legal and procedural questions, please contact Ms. Ziemann at Tel. +49 221 4982-7601 for further information.

Also, visit our website at [www.dshs-koeln.de](http://www.dshs-koeln.de). You can find information on how we handle your personal data provided for the application process at [www.dshs-koeln.de/datenschutz/](http://www.dshs-koeln.de/datenschutz/).

