

Ein Leben lang
neugierig



HOCHSCHULE OSNABRÜCK

UNIVERSITY OF APPLIED SCIENCES



Welcome to Osnabrück University of Applied Sciences, the largest university of applied sciences in Lower Saxony! At three locations, we offer around 100 degree programmes with practical relevance, impressive teaching and research strengths and individual development opportunities. Our students benefit from the scientific and professional expertise of our teaching staff, our international network and modern university management. We are looking for people who want to be innovative and remain curious throughout their lives.

The Faculty of Business, Economics and Social Sciences is looking for the following person to start as soon as possible

RESEARCH ASSISTANT IN THE PHYSICAL THERAPY SCIENCES TO COLLABORATE IN THE RESEARCH PROJECT "PA.HILIFETIME.AI - PERFORMING ARTS HEALTH BY AI" WITH A FOCUS ON "MOVEMENT ANALYSIS"

As part of the research project "PA.HiLifetime.ai - Performing Arts Health by AI" (<https://www.hs-osnabrueck.de/pahlifetimeai/>) funded by the German Research Foundation (DFG), we develop and analyse AI-based risk profiles and predictive models for the health promotion of performing artists (instrumentalists, singers, dancers). The following tasks are to be performed within the Physiotherapy and Movement Analysis working group

The following tasks are part of the independent, scientific work on the project:

- Development of specific movement analysis protocols for performing artists
- Identification of suitable marker sets or measurement protocols for biomechanical measurements in performing artists
- Planning and execution of biomechanical validation studies
- Patient selection and support with planning and implementation of movement analyses
- Data processing of biomechanical measurements for statistical data analysis
- Documentation, preparation and publication of research results in form of scientific articles, reports and presentations

Recruitment requirements are:

- Completed scientific university degree in the field of physiotherapy, sports science or comparable disciplines
- Extensive knowledge of biomechanical measurement methods in a physiotherapy context
- Experience in the physiotherapeutic care of orthopaedic patients is an advantage
- Confident handling of standard PC applications and experienced handling of modern information and communication technologies
- Experience with software or programming languages such as Matlab, Python or R is an advantage
- Willingness to travel on business
- Strong communication skills and enjoyment of interdisciplinary collaboration

We are looking for a person with strong communication and analytical skills who can work in a team in a structured manner and has good time management skills.

The position involves 50% of the regular working hours and is limited until 31 December 2027. Remuneration is in accordance with pay group 13 of the TV-L. The possibility of a co-operative doctorate is given. Osnabrück University of Applied Sciences reserves the right to conduct the selection interviews in person or online.

We are looking for a motivated person who would like to support us in the continuous development of our university. Exciting tasks, active students and committed colleagues are waiting for you!

This should also be of interest to you:

Osnabrück University of Applied Sciences supports women as far as legally possible and is committed to gender equality and staff diversity. Our university promotes the compatibility of family and career through very flexible working time models, among other things. Applicants with severe disabilities will be given preferential consideration if equally qualified.

Applications with the usual documents - (if sent by e-mail only as one file in PDF format) - will be accepted until **05.05.2025**, quoting the reference number **WiSo 24-2025**, to:

Präsident der Hochschule Osnabrück
Postfach 1940, 49009 Osnabrück
Personalmanagement@hs-osnabrueck.de
www.hs-osnabrueck.de