

With 6,500 employees in research, teaching and administration and its unique profile, TU Dortmund University shapes prospects for the future: the interaction between engineering and natural sciences as well as social and cultural studies drives both technological innovations and progress in knowledge and methodology. It is not only the roughly 33,400 students who benefit from this.

The Faculty of Education, Psychology and Educational Research at TU Dortmund University is seeking to fill the position of a

Professor (W2) with W3 tenure track in “Educational Data Science”

commencing as soon as possible. The successful candidate will specialize in research and teaching in the field of “Educational Data Science”.

The Faculty of Education, Psychology and Educational Research is a leader in national and international educational research and plays a decisive role in shaping TU Dortmund University’s research profile area of Education, Schooling and Inclusion. The position is offered in conjunction with the Faculty of Statistics at TU Dortmund University, Germany’s only standalone statistics department. The appointee will be co-opted into the Faculty of Statistics.

The professorship will pursue its own research interests at the interface of educational research and data science. Candidates are expected to work on the application and development of appropriate, quantitative-statistical and/or data science methods for educational research questions. Examples of possible focus areas include: application and development of quantitative-statistical methods for longitudinal data in an educational context; application and development of machine learning methods for analyses in educational science; and analysis of complex data structures in educational science contexts (e.g., large-scale assessments, learning analytics, reinforcement learning, random-effects models in educational research, etc.).

We are seeking a personality with excellent international and interdisciplinary research experience commensurate with his or her academic career level as well as publications in peer-reviewed international journals in the above areas. Proven expertise in the methodology of quantitative statistics or data science as well as in a subfield of educational research is required.

Candidates must have experience in raising third-party funds for projects in a competitive peer-reviewed process or clearly show potential to do so in the future, e.g., a track record in other types of third-party fundraising. We also expect candidates to be willing to engage in the further development of cross-faculty, national and international collaborations as well as in interdisciplinary cooperation and to continuously develop existing collaborations.

An appropriate contribution to the faculty’s curriculum is expected.

The successful candidate will possess social and leadership skills and be willing to be involved in academic self-governance.

The recruitment requirements are based on § 36 and § 37 HG NRW (law governing universities in NRW).

The appointment is initially for five years as a temporary civil servant. At the end of this five-year period at the latest, the tenure track will lead to continued employment as a tenured W3 university professor, provided that the necessary aptitude, competence and academic performance have been demonstrated and that the legal requirements pertaining to § 38 HG NRW are met.

TU Dortmund University strives to increase the number of women in academic research and teaching and therefore explicitly encourages women to apply.

TU Dortmund University is an equal opportunity employer and gives preference to candidates with disabilities if equally qualified.

TU Dortmund University supports the compatibility of work and family life and promotes gender equality in science.

Please send your application, including the usual documents (CV; list of scientific publications; certificates; overview of third-party funding already raised with details of your function in making the application and the funding amount awarded to you, etc.) preferably by e-mail in one pdf-file to the following address by 02.06.2021

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