

# **UNIVERSITÄT REGENSBURG**

## **The Faculty of Human Sciences invites applications for a**

### **Professor of Educational Science: Educational Data Science**

as a professorship (permanent, tenured position, paygrade W 3) to be appointed as soon as possible.

Candidates are sought who are nationally and internationally renowned and who have research expertise in quantitative research methods and educational data science.

The successful candidate would extend and develop a research and teaching agenda in the field of educational data science (e.g., innovative methods in data science, machine learning, predictive modeling, large-scale analyses, and statistics). The professorship is located in a context of general educational, subject-specific teaching methodologies (didactics), and sub-fields of education, with a focus on research on teacher professionalization, at the University of Regensburg. Accordingly, the post extends cutting-edge research on instruction and professionalization of teachers at the University of Regensburg.

The aim is to support and further develop existing transdisciplinary research projects and networks in the field of educational research (e.g. didactics, pedagogy and educational psychology) as well as to initiate, acquire and accompany new transdisciplinary research projects. In addition, the position holder will provide teaching in the area of quantitative methods, with a focus on student teachers, and in the area of innovative methods from the field of data science (e.g., machine learning, predictive modeling) for graduate and doctoral students.

Relevant national and international publications in the field of quantitative empirical educational research and machine-learning-based analyses with a thematic focus on research on teacher professionalization and classroom research are expected. Experience in analyzing large-scale data sets in empirical educational research is desirable, as well as an additional focus on classical statistical methods. Additionally, experience in acquiring third-party funding, especially in the context of transdisciplinary research projects, is required, as well as the willingness to participate in mural and extramural transdisciplinary research networks and research collaborations at the University of Regensburg and to initiate, acquire, and accompany corresponding projects. Social and leadership skills as well as experience in academic self-administration are also expected. Activities in the area of Open Science are desired.

Prerequisites for taking up the position are, in addition to the general requirements according to public sector employment law: a completed university degree, pedagogical suitability, and particular aptitude for academic work, generally shown by a doctoral degree, as well as additional academic achievements, such as a Habilitation or an equivalent research record. Scientific research experience gained outside of a university environment, or while employed as an Assistant (Junior) Professor, will also be taken into consideration and may be considered equivalent to a formal academic qualification.

The University of Regensburg is particularly committed to reconciling family and working life (for more information, see <http://www.uni-regensburg.de/chancengleichheit>). To fulfill the equality directive and increase the number of female professors, we explicitly encourage applications from qualified women.

In case of essentially similar suitability, applicants with severe disabilities will be preferentially selected.

The prerequisites for appointment under civil servant law are based on the provisions of the Bavarian Public Service Code (BayBG) and the Bavarian University Staff Act (BayHSchPG).

Applications containing the normal documents (resume, certificates, list of publications with up to five publications) should be submitted, exclusively electronically (pdf-format, one file)

by June 15, 2021

to the Dean of the Faculty of Human Sciences of the University of Regensburg, fakultaet.humanwiss@ur.de.

Information on data protection can be found at <https://www.uni-regensburg.de/datenschutz/>.

This is the English translation of a German job advertisement published by the Universität Regensburg at <https://go.uni-regensburg.de/stellen-professuren>. Only the original German text is legally binding.