The Faculty of Business Administration and Economics offers a part-time research position starting as soon as possible (E13 TV-L, non-permanent position)

**Your Tasks**

The aim of the Chair of Data Science is to gain knowledge from data in order to use it for medicine, environment and society. For this purpose, we represent the subject of data science in research and teaching. We are seeking a new member to complement and strengthen our group.

The main tasks will be the following:

- research in the area of parameter inference and application of stochastic differential equations to biological or medical contexts as well as participation in a third-party funded research project with a Moroccan collaboration partner (55 %)
- assistance in teaching statistics and data science up to 2.6 LVS, including participation in exam activities as well as supervision of students in seminars and master/bachelor thesis projects (26 %)
- participation in academic self-administration (20 %)

The position serves the qualification goal of obtaining a doctorate.

**Your Profile**

We expect

- university degree in Mathematics or Statistics (e.g. Masters degree)
- good knowledge in the field of stochastics (esp. stochastic differential equations), statistics (especially parameter estimation), programming (esp. in R)
- very good proficiency of spoken and written English
- basic knowledge of French
- international experience in higher education
- interest in international and interdisciplinary cooperation
- ability to work independently
- willingness to travel regularly to the cooperation partner in Morocco

Preferred qualifications

- research experience in the field of stochastics/statistics, e. g. from a thesis or an internship
- knowledge in the field of mathematical modelling in biology or medicine
- experience in preparing scientific reports or grant/scholarship applications

**Remuneration**

Salary will be paid according to Remuneration level 13 of the Wage Agreement for Public Service in the Federal States (TV-L). As stipulated in § 2 (1) sentence 1 of the WissZeitVG (fixed-term employment), the contract will end after three years. In accordance with the provisions of the WissZeitVG and the Agreement on Satisfactory Conditions of Employment, the length of contract may differ in individual cases. The employment is designed to encourage further academic qualification. The position is advertised as a 65 % part-time job. In individual cases, this percentage may be reduced on request, as long as this does not conflict with official needs.

Bielefeld University is particularly committed to equal opportunities and the career development of its employees. It offers attractive internal and external training and further training programmes. Employees have the opportunity to use a variety of health, counselling, and prevention programmes. Bielefeld University places great importance on a work-family balance for all its employees.

**Application Procedure**

For full consideration, your complete application (including curriculum vitae, transcripts and certificates, two letters of recommendation, letter of motivation with a detailed explanation of how the necessary and desirable qualifications, skills and competences are fulfilled) should be received via either post or email (a single PDF document sent to christiane.fuchs@uni-bielefeld.de) by the 6th of September 2018. Please mark your application with the identification code: wis18252. Please do not use application portfolios and send only photocopies of original documents because all application materials will be destroyed at the end of the selection procedure.

Further information on Bielefeld University can be found on our homepage at www.uni-bielefeld.de.

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Bielefeld University has received a number of awards for its achievements in the provision of equal opportunity and has been recognized as a family friendly university. The University welcomes applications from women. This is particularly true with regard both to academic and technical posts as well as positions in Information Technology and Trades and Craft. Applications are handled according to the provisions of the state equal opportunity statutes. Applications from suitably qualified handicapped and severely handicapped persons are explicitly encouraged.


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