

The Faculty of Business, Economics and Social Sciences / Department of Socioeconomics / Chair of Applied Economics invites applications for a

RESEARCH ASSOCIATE FOR THE PROJECT “EXPLORING THE EXPERIENCE EXPECTATION NEXUS IN MACROECONOMIC FORECASTING USING COMPUTATIONAL TEXT ANALYSIS AND MACHINE LEARNING (DFG)”

- SALARY LEVEL 13 TV-L -

The position in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) commences on June 01, 2019.

This is a fixed-term contract in accordance with Section 2 of the academic fixed-term labor contract act (Wissenschaftszeitvertragsgesetz, WissZeitVG). The term is fixed for a period of 3 years. The position calls for 75 % of standard work hours per week**.

RESPONSIBILITIES:

Duties include academic services in the project named above. Research associates may also pursue independent research and further academic qualifications.

SPECIFIC DUTIES:

Based on a large database of business cycle forecasts the team will use methods from corpus linguistics (sentiment analysis, topic models, structural topic models, classification tools) to investigate the experience-expectation nexus and the role of ideology for the production of macroeconomic forecasts. The project supports the promotion of doctoral candidates and early career researchers under the main supervision of the principal investigator Prof. Dr. Fritsche.

Specific duties include:

- the collection and pre-processing of qualitative and quantitative data,
- the investigation of research hypothesis using text-mining and advanced statistical tools
- as well as the joint production and presentation of scientific papers at international conferences.

* Full-time positions currently comprise 39 hours per week.

REQUIREMENTS:

- A university degree in a relevant field.
- Preferably, the university degree (minimum master level) is in economics, statistics, computer sciences or applied mathematics.
- A strong interest in statistical learning tools/ econometrics and/ or computer linguistics is necessary.
- Programming skills in e.g. R, Python or Julia are of great advantage.

The University aims to increase the number of women in research and teaching and explicitly encourages women to apply. Equally qualified female applicants will receive preference in accordance with the Hamburg act on gender equality (Hamburgisches Gleichstellungsgesetz, HmbGleiG).

Qualified disabled candidates or applicants with equivalent status receive preference in the application process.

For further information, please contact [Ulrich Fritsche](#) or consult our [website](#).

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by April 15, 2019 to: Ulrich.Fritsche@uni-hamburg.de.

Please do not submit original documents as we are **not** able to return them. Any documents submitted will be destroyed after the application process has concluded

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