

External Job Advertisement Reg.-Nr. 5-8018/25-D
- Verlängerung der Bewerbungsfrist -

At Martin Luther University Halle-Wittenberg, Faculty of Natural Sciences II, Institute of Chemistry, Research Training Group (RTG) 2670 (*Graduiertenkolleg, GRK*) "Amphiphilic PLUS: Self-organization of soft matter through multiple non-covalent interactions" is offering a three-year fixed-term part-time (65 %) position starting on November 1, 2025, for a

Research Associate (m-f-d)

Remuneration will be determined based on job duties and responsibilities and will be aligned with the fulfillment of listed personal requirements, up to pay grade E13 under the *TV-L (Tarifvertrag für den Öffentlichen Dienst der Länder – 'German Public Service Pay Agreement for the Federal States')*.

In the RTG 2670, which is once again funded by the *Deutsche Forschungsgemeinschaft (DFG)*, up to 25 doctoral students will be able to conduct research on various aspects of the structure and dynamics of soft matter, looking at intermolecular interactions. The RTG is aimed in particular at doctoral students from the fields of chemistry, physics, biochemistry, mathematics, and related disciplines.

This position is allocated to project B4, which is lead by the principal investigator Prof. Dr. Kirsten Bacia.

Job Responsibilities:

- Research activities as a doctoral student: Investigation of polyphilic protein-protein and protein-membrane interactions using fluorescence correlation spectroscopy and microscopy
- Successful participation in the qualification program of the RTG 2670
- Preparation of publications, presentations, and a dissertation

The opportunity for personal scientific qualification within the framework of a doctoral thesis is provided.

Requirements:

- Completed scientific university degree (Master of Science or *Diplom*) in Biochemistry, Chemistry, Physics, or a comparable field
- Experience in the investigation of proteins in various environments or under different influencing factors
- Experience with molecular biological and protein analytical methods (PCR, gel electrophoresis, Western blot, etc.)
- Experience in cell culture and protein expression is desirable
- Experience with biophysical methods (spectroscopic methods, particularly fluorescence spectroscopy, dynamic light scattering, fluorescence microscopy, thermochemical methods)
- Knowledge of additional biophysical methods is desirable
- Experience in the investigation of nanoscale systems is desirable
- Experience in the quantitative evaluation of biophysical studies using data analysis software
- Very good English language skills; experience in writing English presentations and publications is desirable

We offer:

- interesting and varied fields of activity with creative freedom at the largest employer in the region

- the opportunity to support the education of young people through your work and to contribute to gaining new insights and answering important scientific research questions
- public service employment with remuneration according to the *Tarifvertrag der Länder (TV-L)* ('Collective Agreement for the Public Service') including an annual special payment and a company pension
- a secure job with attractive working conditions (home office, flexible working hours, and variable part-time models)
- 30 days of annual vacation plus additional days off on December 24 and 31
- a family-friendly, diversity-oriented, and intercultural work environment at a certified family-oriented university, including holiday childcare
- comprehensive staff development throughout all career stages with diverse training and qualification opportunities, including educational leave
- a health management framework to promote and maintain good health, as well as a broad university sports program
- the opportunity to participate in diverse social communities (e.g. university sports teams, university choir or university orchestra)
- exciting events such as the *Lange Nacht der Wissenschaften* (Long Night of the Sciences), University Information Day, and the University Winter Ball
- reduced-price meals in the cafeterias of the *Studentenwerk* (Student Services) Halle

Applications from disabled persons, including those of equal status (as certified by the *Bundesagentur für Arbeit* / Federal Employment Agency), will be given preferential consideration if they are equally suitable and qualified. Women are strongly encouraged to apply. Applications from individuals of all nationalities are explicitly welcome. Applicants with a degree that was not obtained at a German university must submit a Statement of Comparability for Foreign Higher Education Qualifications from the Central Office for Foreign Education (ZAB) (<https://www.kmk.org/zab/central-office-for-foreign-education>) as proof of equivalence upon conclusion of the employment contract. You can find ways to apply for a financial grant for this under: <https://www.anerkennung-in-deutschland.de/html/de/pro/anerkennungszuschuss.php#>.

If you have any questions, please contact Prof. Dr. Kirsten Bacia, email: kirsten.bacia@chemie.uni-halle.de, phone: ++49 345 55-24924

Please send your application, including registration number 5-8018/25-D, with the required documents by October 05, 2025, exclusively by email to Ms. Prof. Dr. Kirsten Bacia, email: kirsten.bacia@chemie.uni-halle.de.

This job posting is subject to potential budgetary restrictions.

Application costs will not be reimbursed by Martin Luther University. Application documents will only be returned if a sufficiently stamped envelope is enclosed. Electronic applications are welcome.