

The Research Training Group (RTG) 2756 “Cytoskeletal elements of active matter – from molecular interactions to cellular biophysics (CYTAC)” at the University of Göttingen is currently inviting applications for

## 13 PhD Positions (f, m, d)

starting on January 1<sup>st</sup>, 2023. The salary is based on TV-L E13 and amounts to 65% of a full position for PhD candidates in chemistry and biology and to 75% in physics and mathematics. The positions are funded by the German Research Foundation (DFG) for 3 years with the possibility to extend up to 4 years.

The PhD students enrolled in this program will investigate different aspects of the cytoskeleton. The cytoskeleton is a complex network of protein filaments of living cells. It is responsible for mechanical and dynamic properties of the cell and thus instrumental for many important cellular functions. CYTAC is devoted to covering all length scales involved - from the level of individual molecules, through mesoscopic filaments and membranes, all the way to cells. Naturally, this research is performed in a highly interdisciplinary manner and involves physics, physical and bio-chemistry, cell biology and mathematical data analysis.

The RTG 2756 offers a vibrant academic environment, joint supervision of PhD candidates by thesis committees, and a structured study program with many opportunities to improve scientific and personal skills. Research groups in the following fields are offering PhD projects: experimental biophysics, theoretical biophysics, x-ray physics, physical chemistry, biomolecular chemistry, applied mathematics, and cell biology. You can find detailed information on the individual positions online at <https://www.uni-goettingen.de/de/research/661405.html#listofprojects>. General information on the RTG 2756 is available at [www.uni-goettingen.de/rtg2756](http://www.uni-goettingen.de/rtg2756).

We are seeking highly motivated candidates, who wish to conduct their PhD training in an interdisciplinary environment.

Successful candidates (please see <https://www.uni-goettingen.de/de/jobs/662822.html> for more detailed information)

- Hold a Master's degree in the natural sciences or mathematics with very good grades
- Are fluent in English
- Are keen to collaborate and share data with their PhD colleagues

Your application must include (compiled as one pdf document, see <https://www.uni-goettingen.de/de/jobs/662822.html> for more detailed information):

- Motivation letter (limited to 500 words)
- CV including information on posters, presentations, awards and publication list, if applicable
- School leaving exam certificate (A-level, Abitur, European Baccalaureate or equivalent)
- Bachelor's degree and transcript
- Master's degree and transcript
- English language certificate
- Publications, if available
- References: names and contact details of two senior academics that know you well. Do not upload reference letters

To apply for this position, please fill in the form here: <https://www.uni-goettingen.de/de/jobs/662822.html> and additionally email the pdf with your documents to [jobs.rtg2756@uni-goettingen.de](mailto:jobs.rtg2756@uni-goettingen.de) by August 2, 2022. If you have any questions, please contact Prof. Dr. Sarah Köster ([rtg2756@uni-goettingen.de](mailto:rtg2756@uni-goettingen.de), +49-551-39 29429) or the potential supervisor (lead PI) for subject specific questions.

The University of Göttingen is an equal opportunities employer and places particular emphasis on fostering career opportunities for women. Qualified women are therefore strongly encouraged to apply as they are underrepresented in the field. The university has committed itself to being a family-friendly institution and supports their employees in balancing work and family life. The mission of the University is to employ a greater number of severely disabled persons. Applications from severely disabled persons with equivalent qualifications will be given preference.

Please note: With submission of your application, you accept the processing of your applicant data in accordance with the data-protection law. Further information on the applicable law and data usage is provided in the information sheet on the General Data Protection Regulation (Hinweisblatt zur Datenschutzgrundverordnung, DSGVO) ([www.uni-goettingen.de/hinweisdservo](http://www.uni-goettingen.de/hinweisdservo)).