



Job Announcement

Young, modern, and research oriented... the University of Potsdam has firmly established itself within the scientific landscape since its founding in 1991. Nationally and internationally renowned scientists teach and perform research here at Brandenburg's largest university. The University of Potsdam is successful in acquiring third-party funds, delivers outstanding performance in technology and knowledge transfer, and has a very service-oriented administration. With about 21,000 students studying at three campuses – Am Neuen Palais, Griebnitzsee and Golm – the University of Potsdam is a prominent economic factor and engine of development for the region. The University of Potsdam has a total of over 3,000 faculty and staff members and is located in one of Germany's most scenic areas.

The **University of Potsdam**, Faculty of Science invites applications for the following positions **subject to funding commitment**:

Academic Staff Member 3 PhD Positions Requisition No.: 384/2020

The positions are available from January 1st, 2021. The salary is determined by the collective wage agreement for public employees in Germany (TV-L 13 Ost). The positions are for 26,4 hours per week (66% of a full-time contract). These are temporary positions limited to a term of three years in accordance with Section 2 subsection 1 of the Academic Fixed-Term Contract Law (WissZeitVG).

Responsibilities:

- Using the tools of organic, polymer, and supramolecular chemistry the PhD students will develop new biomaterials to use as antimicrobial agents. A particular focus will be laid on the macromolecular architecture and functionalization of polymers and (nano)materials
- the derived compounds will be characterized by a variety of analytical techniques to evaluate molecular structure and morphology
- The bioactivity and biocompatibility as well as the mechanism of action of synthesized materials will be elucidated by microbiological methods using bacteria, mammalian cells or viruses

Qualifications:

- Completed academic studies at an institute of higher learning (Master) in chemistry, chemical engineering, nano science, materials science or related disciplines
- Experience with polymer chemistry in particular regarding synthetic and analytical methods
- Team and communication skills to work in an interdisciplinary environment
- Excellent written and spoken English skills
- German language skills are of advantage
- A background or experience in biomaterials, biochemistry or microbiology is desirable

What we offer:

- A multinational work environment at the Science campus Golm at the University of Potsdam and in close collaboration with other Scientific Institutes
- Flexible working hours to ensure compatibility of family and career
- An excellent infrastructure including modern lab and office space

Further information can be found under: <https://www.uni-potsdam.de/en/polybio>.
For inquiries please contact Matthias Hartlieb (mhartlieb@uni-potsdam.de).

Under the laws of the federal state of Brandenburg, employees under this contract are permitted to dedicate at least 33% of their contract time for their scientific qualification.

The University of Potsdam aims to increase the proportion of women in research and teaching and therefore invites qualified applicants to apply. The University of Potsdam values the diversity of its members and pursues the goals of equal opportunities regardless of gender, nationality, ethnic and social origin, religion/belief, disability, age, sexual orientation or identity. In the case of equal suitability, women within the meaning of Section 7 (4) BbgHG and severely disabled people will be given preferential consideration. Applications from abroad and from persons with a migration background are expressly welcome.

The number of teaching hours complies with the applicable provisions of the Teaching Obligation Ordinance (Lehrverpflichtungsverordnung, or LehrVV) of the federal state of Brandenburg as well as the teaching load regulations approved by the Senate of the University of Potsdam: http://www.uni-potsdam.de/fileadmin01/projects/verwaltung/docs/Dezernat3/Merkblatt_LehrVV.pdf

Applicants should send their application materials, by September 30th 2020 at the latest, via email to mhartlieb@uni-potsdam.de with the subject line, “Job Title – requisition number.”

Potsdam, September 3, 2020