Job Announcement

The University of Potsdam was founded in 1991 and has firmly established itself within the scientific landscape and developed into an outstanding economic factor and growth engine for the region. The university excels in acquiring third-party funds, has received multiple teaching awards, has a very service-oriented administration, and has been honored several times for its family-friendly culture. About 20,000 students and 3,000 employees study and work at three campuses – Am Neuen Palais, Griebnitzsee and Golm – at one of Germany's most scenic institutions of higher education.

The Faculty of Science, Institute of Chemistry, Group for "**Applied Photochemistry and 3D Bioelectronics"** at the **University of Potsdam** invites applications for the following position limited to three **years**, which will be filled **by May 15, 2025.**

Academic Staff Member (f/m/d)

ID no. 309/2025

The successful candidate will work 26 hours per week (65 %). The position is classified within remuneration group 13 of the collective wage agreement among the German federal states ("Tarifvertrag für den öffentlichen Dienst der Länder" – TV-L). The fixed term of employment is in accordance with Section 2 subsection 1 of the German Act on Fixed-Term Employment Contracts in Science and Academia (Wissenschaftszeitvertragsgesetz or WissZeitVG).

Your Field of Work:
Biomedical engineering, especially bioelectronics, has an increasing impact on society as it holds the key to solving global health challenges ahead of us. We are seeking to improve biomedical sciences by means of chemists. Utilising light is a central motif in our work, reaching from its application as a tool to polymerise and process materials in 3D printing or as an instrument to modulate biological systems.
Join these interdisciplinary project funded by the *BMBF Nanomatfutur* program to achieve groundbreaking yet application-relevant innovation through the collaboration with polymer scientists as well as physicists, engineers, and biologists.

The Scope of Your Responsibilities:
- Using the tools of organic synthesis, photochemistry, polymer and physical chemistry, the PhD student will develop novel molecular photoswitches and photoinitiator systems for lithographic 3D printing
- Characterizing the new organic components and formulations by a variety of analytical techniques to evaluate their photoreaction, molecular or curing properties as well as biocompatibility

Further academic qualification (doctorate thesis) is possible. At least one-third of working hours is available for in-depth academic work.

Your Qualifications:
- Completed academic studies at an institute of higher education, Master's degree (or equivalent) in chemistry, biochemistry or related disciplines
- Experience in organic chemistry regarding synthetic and analytical methods of new molecules

- Experience in physical-chemical methods, particularly spectroscopy and computational chemistry, e.g. DFT calculations are desirable
- Team and communication skills to work in an interdisciplinary environment
- very good written and spoken English skills

We are also looking for the following competencies:
- Experiences in polymer science, polymeric (bio)materials or biochemistry are of advantage but not necessary
- German language skills are of advantage but not necessary

What We Offer:
As a university, we combine the strong potential for development of a teaching and research institution with the attractive working conditions of the public sector. The University of Potsdam is a reliable employer that supports its employees with a variety of offers and benefits:
- Make the most of the various continuing education and networking opportunities offered by the University of Potsdam to refine your subject-specific and interdisciplinary competencies for professional as well as personal growth.
- All campuses have good transport connections. You can receive a monthly subsidy for the public transport job ticket and use our campus bicycles.
- Benefit from a company pension scheme, a special annual payment, and capital-forming benefits.
- Take advantage of the various offers from our Occupational Health Management unit as well as the Academic Sports Center.
- To improve employees' work-life balance, the University of Potsdam offers flexible working hours and a defined share of remote working hours (e.g. work from home). You have 30 vacation days per year (with a 5-day week) and are also exempt from work on December 24 and 31. Our Service for Families can advise you on how to better balance work and family life.

You can find more information about working at the University of Potsdam at https://www.uni-potsdam.de/en/arbeiten-an-der-up/employer-up/overview

For more information about this position, please contact Mr. Johannes Gurke by email: johannes.gurke@uni-potsdam.de, by telephone at +49 331 / 977 213828 or visit our website: https://www.uni-potsdam.de/en/appl-photo-chem/index

Your Application:
Please send us your application **by the deadline of February 24, 2025** and provide the **ID no. 309/2025**, preferably by email to johannes.gurke@uni-potsdam.de or through the postal system to the University of Potsdam, Institute of Chemistry, Faculty of Science, Karl-Liebknecht-Str. 24-25, 14476 Potsdam, House 25

If you completed higher education qualifications outside the EU, please submit a German translation and the assessment of the Central Office for Foreign Education (Zentralstelle für ausländisches Bildungswesen – ZAB) . Alternatively, please send us a PDF file from the database for the recognition and assessment of foreign higher education certificates (ANABIN).

The University of Potsdam values the diversity of its community and pursues the goals of equal opportunity regardless of gender, nationality, ethnic and social origin, religion/belief, disability, age, and sexual orientation and identity. Applications from abroad and from persons with a migration background are expressly encouraged. The university strives for a balanced gender ratio in all employment groups; in areas where women are underrepresented, women are given preference in case of equal suitability (Section 7 paragraph 4 of the Brandenburg Higher Education Act). People with disabilities are given preferential consideration in case of equal suitability. In aptitude tests and selection interviews, individual compensation measures for

disadvantages are granted, taking the specific disability into consideration. If a person with a disability would like to make use of individual compensation measures, please state this in the application letter.

If you would like us to return your application documents, please enclose a self-addressed stamped envelope with sufficient postage.

Potsdam, February 4, 2025