



Paderborn University is a high-performance and internationally oriented university. Within interdisciplinary teams, we undertake forward-looking research, design innovative teaching concepts and actively transfer knowledge into society. As an important research and cooperation partner, the university also shapes regional development strategies. We offer our employees in research, teaching, technology and administration a lively, family-friendly and equal opportunity environment, a lean management structure and diverse opportunities. **Join us to invent the future!**

In the **Faculty of Science – Department of Chemistry** - the following position is to be filled as soon as possible

Research Assistant (f/m/d)

(salary level according to 13 TV-L)

with 50 % of the regular working hours. This is a qualification position within the meaning of the Wissenschaftszeitvertragesgesetz (WissZeitVG), which serves to support a PhD procedure qualification in the field of Organic Chemistry and Catalysis. The position is, depending on the qualification achieved to date, initially limited for a period of 3 years.

Field of activity and tasks:

The project aims to develop new methods for the chemical recycling of (bio-based) polycondensates. The focus will be on the development of new pincer complexes as catalysts for the hydrogenation and transfer hydrogenation of these polymers as well as the isolation and characterization of the products obtained.

- Synthesis and characterization of pincer complexes
- Development of methods for the hydrogenation and transfer hydrogenation of (bio-based) polycondensates
- Characterization of products and intermediates
- Writing reports and publications
- Teaching commitment of 2 SWS

Recruitment requirements:

- Scientific Master degree
- Experience in catalysis and organic synthesis
- Experience of working under inert conditions and common characterization methods
- Willingness to travel and good knowledge of the English language

We offer:

- Flexible working hours and the individual option of mobile working
- Wide range of health, counseling and prevention services
- Attractive fringe benefits such as childcare facilities and sports activities
- Opportunities for internal and external training and development
- Additional benefits in accordance with the collective agreement of the federal states (TV-L), such as annual bonuses and capital-forming benefits as well as the VBL supplementary pension scheme

Applications from women are particularly welcome and, in case of equal qualifications and experiences, will receive preferential treatment according to state law (LGG), unless there are preponderant reasons to give preference to another applicant. Part-time employment is generally possible. Applications from disabled people with appropriate suitability are explicitly welcome. This also applies to people with equal opportunities in accordance with the German social law SGB IX.

Please send your application documents (preferably in a single pdf file) using the **Ref. No. 6671 until 4th of October 2024** to th.werner@uni-paderborn.de.

Information regarding the processing of your personal data can be located at:
<https://www.uni-paderborn.de/en/zv/personaldatenschutz>.

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