

Founded in 1607, Justus Liebig University Giessen (JLU) is a research university rich in tradition. Inspired by curiosity about the unknown, we enable around 25,000 students and 5,800 employees to advance science for society. Join us in breaking new ground and writing success stories - your own and those of our university.

Support us as starting 1st October 2025 in full-time as a

Postdoctoral Research Associate in the field of Chemistry Education

The position is limited according to § 2 WissZeitVG and § 65 HessHG with the opportunity for individual academic qualification at the Professorship for Chemistry Education, Institute for Chemistry Education in Department Biology and Chemistry in the workgroup of Prof. Dr. Nicole Graulich. The salary is in accordance with the collective labour agreement of the State of Hessen (E 13 TV-H).

Provided the maximum permissible duration of temporary employment is not exceeded, you will typically be employed for an initial period of 3 years. An extension for up to an additional 3 years is possible under the aforementioned conditions.

Your tasks at a glance

- The employment takes place to promote the own scientific qualification for the deepening of subject-didactic research methods and competences in the field of empirical educational research and professionalization of teacher training
- Teaching duties in accordance with the teaching obligation regulation of the State of Hesse
- Independent research work in organic chemistry education at the higher education level
- Acquisition of third-party funded projects
- Familiarization with technology-based methods of educational research, such as virtual reality, machine learning, or eye-tracking
- Detailed documentation of research results in reports and publications
- Supervision and training of young scientists
- Participation in and supervision of doctoral students in ongoing projects at the Institute of Chemistry Education

Your qualifications and competences

- Completed academic university degree in teaching at secondary schools with a major in Chemistry (1st State Examination), Master of Education in Chemistry or a comparable degree with teaching qualification for secondary education.
- Doctorate or PhD in chemistry education
- Publications in international peer-reviewed journals in science or chemistry education
- Extensive knowledge of methods for designing, observing, and analyzing teaching and learning situations (quantitative/qualitative methods) in chemistry education
- Fluent in the English language
- Experience in supervising undergraduate or graduate chemistry education seminars, school-related laboratory and teaching experience in schools is desirable

Our offer to you

- A varied job with flexible working hours
- Free use of local public transport (LandesTicket Hessen)
- More than 100 training seminars, workshops and e-learning opportunities for personal development, as well as a wide range of health and sports activities

- Remuneration according to TV-H, company pension scheme, child allowance, and special payments
- Good compatibility of family and career (certificate "audit familiengerechte Hochschule")

JLU aims to employ more women in academic research. We therefore particularly encourage female candidates to apply. JLU is regarded as a family-friendly university. Applicants with children are very welcome. Applications from disabled people of equal aptitude will be given preference. In general, a division of the position in two part-time positions with 50% of the regular working hours is possible in accordance with the Hessian Equal Opportunities Act.

You want to break new ground with us?

Apply via our [online form](#) by **August 8th, 2025**, indicating reference number 315/08. We look forward to receiving your application.