

We are one of the youngest universities in Germany and think in terms of unlimited possibilities instead of possible limitations. Located in the heart of the Ruhr metropolis, our 11 faculties develop ideas with a future. We are strong on research and teaching, we embrace diversity, promote academic potential, and we fight for genuine educational equality.

The University of Duisburg-Essen is in search of the brightest minds

We seek to attract outstanding early career academics, affording our junior professors the best opportunities for their academic and personal development. We support young academics individually, offering the assistance of the Graduate Center (GC Plus), the Tenure-Track-Programme (TT Plus) and Human Resources Development (PE Plus). Wherever numerous leading minds connect and cooperate, everyone involved will benefit. That is why we coordinate our research and teaching within the Research Area Ruhr; a network interlinking the University of Duisburg-Essen, the Ruhr-University Bochum and the TU Dortmund University.

Within the framework of the “Bund-Länder-Programm zur Förderung des wissenschaftlichen Nachwuchses” – the federal and state program for the enhancement of junior scholarship and research – twenty-three tenure-track junior professorships will be advertised. Currently, we are in search of eligible candidates for the following Tenure-Track Junior Professorship at the Faculty of Engineering in cooperation with the Faculty of Chemistry, both embedded in the University’s key profile area Nanosciences:

Junior Professor in

"Process Technology for Electrochemical Functional Materials"

(Salary Class Group W1 LBesO W - with Tenure Track as per W2)

We are looking for an excellent junior scientist with an area of expertise in coating technology, interface design, colloid chemistry, and particle technology, combined with an in-depth understanding of the challenges of electrochemical functional materials. The willingness to engage in interdisciplinary cooperation and to participate in future major research collaborations is a prerequisite. Links to the Center for Nanointegration Duisburg-Essen (www.cenide.de) and The Hydrogen and Fuel Cell Center (www.zbt-duisburg.de) are of particular interest. Involvement in international research and relevant international experience are desirable.

In the field of teaching, the applicant supports the study programs in Mechanical Engineering, NanoEngineering, Energy Science, and Technical and Physical Chemistry as well as other study programs of the two Faculties, offering for example lectures and practical courses in the field of coating technology / process engineering of electrochemical functional materials / particle / colloid technology / properties of electrochemical storage materials.

What We Expect:

Publications in the field of expertise in peer-reviewed journals are expected, especially in leading international journals.

Experience in the procurement of competitive third-party funding, involvement in international research as well as relevant international experience are desirable. Furthermore, experience in leadership in science is beneficial.

The University of Duisburg-Essen places great emphasis on excellence in teaching. Candidates must present their teaching methodology, showing its relevance to the research profile of the University of Duisburg-Essen.

Applicants must show aptitude for participation in academic self-administration.

The hiring requirements comply with § 36 of the Higher Education Act of North Rhine-Westphalia (HG).

Teaching requirements currently are four hours of teaching during the first, and five hours of teaching during the second employment stage of the Junior Professorship. Employment is contingent on the presentation of the corresponding requirements for temporary civil service. The duration of employment complies with § 39 Sect. 5 HG.

The University of Duisburg-Essen promotes the diversity of its members (<https://www.uni-due.de/diversity>). It strives to increase the percentage of women in its academic staff and therefore emphatically invites qualified women to apply. In the case of equal qualifications, female candidates will be considered with preference (Equal Opportunities Act). As per § 2 Sect. 3 SGB IX, applications by candidates with a disability or equivalent status are especially welcome.

Applications with the usual documents (CV, list of publications, documentation of academic and professional development, copies of relevant documents and certificates, an exposé of the applicant's research profile with reference to its relevance for the University of Duisburg-Essen, a list of successful external grant applications, a list of courses taught and a teaching philosophy, an enumeration of experience in academic self-administration) should be sent within a month after this advertisement appears to the Dean of the Faculty of Engineering:

Dean of the Faculty of Engineering of the University of Duisburg-Essen
Mr. Univ.-Prof. Dr.-Ing. Dieter Schramm
Forsthausweg 2
47057 Duisburg
Germany
(dekanat@iw.uni-due.de)

Applications by E-Mail please also send to the scientific director of CENIDE, Mr. Univ.-Prof. Dr. Stephan Barcikowski (stephan.barcikowski@uni-due.de).

Further information on the University of Duisburg-Essen and the Faculty of Engineering can be found under

<https://www.uni-due.de/iw/de/> und <https://www.uni-due.de/cenide/>

For further information concerning this position, please contact Mr. Univ.-Prof. Dr. Christof Schulz (christof.schulz@uni-due.de).