

We are one of the youngest universities in Germany and think in terms of possibilities, not limitations. In the heart of the Ruhrregion, we develop ideas of the future at our 11 faculties. We are strong in research and teaching, live diversity, support potential and are highly committed to an educational equality that has earned this name.

The **University Duisburg-Essen (Campus Essen)**, Faculty of Chemistry, Biofilm Centre, Group for Aquatic Microbial Ecology (GAME), offers a

PhD student position (f/m)
(salary equivalent to TV-L 13)

Your tasks:

The Group for Aquatic Microbial Ecology seeks a highly motivated young researcher for the project "eSym: EcoSystems Biology of a subsurface environment" funded by the NRW return program. As a PhD student of the Group for Aquatic Microbial Ecology, the researcher will analyze microbial communities of a high-CO₂ environment using state-of-the-art meta'omics. Genome-resolved metagenomics will be used to reconstruct individual genomes of microorganisms and resolve their metabolic potential. Metalipidomics coupled to isotope analyses will enable insights into carbon cycling of the ecosystem. The interdisciplinary research will provide profound education in chemistry, microbiology and bioinformatics with direct involvement in climate change research.

As part of the employment an opportunity for scientific qualification (doctorate) is given.

Your profile:

Master degree in Biology, Microbiology, Chemistry, Water Science or related subject. Knowledge in bioinformatics and/or microbial ecology and/or organic chemistry is desirable.

Start of position: as soon as possible

Contract period: 48 months (*In accordance with a change of regulations in the Act of Academic Fixed-Term Contract ("WissZeitVG") since 11.03.2016 the actual duration of the contract might depend on individual qualifications of the applicant*)

Working time: 65 % of a fulltime-position

Application deadline: 23 October 2017

The University Duisburg-Essen aims at promoting the diversity of its members (<http://www.uni-due.de/diversity>).

The University Duisburg-Essen has been awarded for its effort to promote gender equality with the "Total-E-Quality-Award". It aims at increasing the share of women in the scientific personnel and therefore explicitly encourages women to apply. Women will be preferentially considered when equally qualified according to the state equality law. Applications from disabled or equivalents according to § 2 (3) SGB IX are encouraged.

Applications and inquiries with reference-code 587-17 should be addressed to:

Dr. Alexander Probst
University Duisburg-Essen
Faculty of Chemistry
45117 Essen

Telefon +49 (0) 201/183 - 6602 / E-mail: agathe.materla@uni-due.de

You will find information about the Faculty and the contracting authority under:
https://www.uni-due.de/biofilm-centre/game_home.php

www.uni-due.de