

The University of Koblenz is the youngest university in Germany – while also preserving a long-standing academic tradition. A multitude of transdisciplinary research projects spanning several institutions concentrated on a compact campus favourably affects our university routine. As the interdisciplinary university in the north of Rhineland-Palatinate with more than 9,400 students, we live the knowledge – transformation – innovation triad in our four profile areas “Education”, “Computer Science”, “Culture and its Mediation” as well as “Material and Environment”. We provide and conduct state-of-the-art teacher-training studies for all school types and maintain the transfer of our research results to civic society and regional businesses in a resilient and sustainable way. Join an aspiring university community and aid in advancing our further growth!



**We are seeking to fill, as soon as possible, the position of  
a postdoctoral research assistant (m/f/d)  
at the Institute for Integrated Natural Sciences, Department of Biology,  
Aquatic Ecosystem Analysis Working Group**

A postdoctoral assistant position is available in the newly established working group “Aquatic Ecosystem Analysis” led by Prof. Dr. Kenneth Dumack. The full-time position (100%) is initially limited to three years, in accordance with the provisions of the German Act on Temporary Scientific Contracts (Wissenschaftszeitvertragsgesetz); in principle, the position is divisible.

The thematic focus is somewhat flexible but requires a clear emphasis in microbial aquatic ecology and close collaboration with Faculty 3: Mathematics/Natural Sciences at the University of Koblenz and the Federal Institute of Hydrology. More information about the working group is available at [www.kennethdumack.de](http://www.kennethdumack.de).

Teaching responsibilities are defined by the regulations of the Rhineland-Palatinate Higher Education Teaching Obligation Ordinance (HLehrVO).

#### **Responsibilities:**

- Contribution to the group’s current research foci:  
(A) Quantifying the effects of predatory protists and/or viruses on the abundance of algae and cyanobacteria in running waters such as the Moselle, which has recently experienced repeated cyanobacterial blooms;  
(B) Investigating mechanisms of immunity to cyanobacterial toxins (microcystins) in microbial eukaryotes using physiological and genomic methods.
- Participation in research, teaching, and academic self-administration
- Involvement in sampling and field excursions
- Presentation of research results at scientific conferences and in peer-reviewed journals

#### **Qualifications:**

- A successfully completed university degree (except for a bachelor's degree) and PhD in biology, aquatic science, or a related field
- Experience with environmental sequencing (e.g., metabarcoding or -omics) and the analysis of such data sets is advantageous

- Knowledge of genomic and cell biological methods for functional characterization of microbial processes is desirable
- Preference will be given to candidates with solid experience working with microbial eukaryotes (protists and/or algae), their viruses, or plankton in general

#### **What we offer:**

- Integration into a research-active, well-networked environment with good infrastructure.
- A stimulating and varied range of responsibilities within a collegial team that values open communication
- Remuneration according to pay group 13 TV-L.
- Usual social benefits in the general public sector according to TV-L (annual special payment, pension scheme (VBL)).
- Compatibility of family and work, flexible working hours
- Varied sports program with health-promoting offers.
- Extensive opportunities for further education and training.

The University of Koblenz welcomes applications from all age groups, regardless of gender identity, disability, ethnic or cultural background, religion, ideology or sexual orientation. We aim to increase the proportion of women and are therefore particularly interested in applications from women. In the event of underrepresentation, women with equivalent aptitude and qualifications will be given preferential consideration. Severely handicapped persons will be given preferential consideration if their professional and personal qualifications are otherwise equal. For further information, please contact Prof. Dr. Kenneth Dumack (Mail: [kenneth.dumack@uni-koblenz.de](mailto:kenneth.dumack@uni-koblenz.de)).

Please, send your informative documents **by 15.05.2025**, quoting the **reference number 054/2025**, **exclusively by e-mail in one PDF file** to: [bewerbung@uni-koblenz.de](mailto:bewerbung@uni-koblenz.de).

Please, refrain from sending in application photos. At the end of the procedure, the application documents will be destroyed in compliance with data protection regulations.