



The environment needs  
people like you  
who put heaven and  
earth in motion with us.



**Your application:**

Equal opportunities are an integral part of our personnel policy, we therefore particularly welcome applications from qualified women. Severely disabled persons are given priority where applicants are equally qualified.

**Your contact for any questions you may have about the job:**

Please find the contact details in the full text vacancy

**Place of work:**

Leipzig

**Closing date for applications:**

January the 31st of 2018

**Please use our online application system for your application:**

[www.ufz.de/career](http://www.ufz.de/career)

Helmholtz Centre for Environmental Research  
GmbH – UFZ  
Permoserstraße 15  
04318 Leipzig



The Helmholtz Centre for Environmental Research (UFZ) with its 1,100 employees has gained an excellent reputation as an international competence centre for environmental sciences. We are part of the largest scientific organisation in Germany, the Helmholtz community. Our mission: Our research seeks to find a balance between social development and the long-term protection of our natural resources.

The eco-exposome approach aims at understanding of the totality of the internal exposure (anthropogenic and natural chemicals, endogenous chemicals) of an environmental organism and the causal relation to adverse effects. In the framework of the Integrated Project “Exposome” we offer 4 PhD positions to identify “Proxies of the eco-exposome”, i.e. chemical and bioanalytical tools that allow a comprehensive assessment of the impact of environmental chemicals on the ecosystem based on the exposome approach. One position will be dedicated to the following subject:

### PhD positions (m/f)

Earliest starting date: 1st April 2018; working time: min. 50% (19.5 hours per week), limited to 3 years.

#### Subject: Relation of internal and external exposure signatures in fish

Please find further information about the vacancy here:

<https://recruitingapp-5128.de.umantis.com/Vacancies/1255/Description/2>

#### Subject: Passive Sampling as a biomimetic proxy of the internal exposure of fish

Please find further information about the vacancy here:

<https://recruitingapp-5128.de.umantis.com/Vacancies/1256/Description/2>

#### Subject: Untargeted molecular effect analyses in fish embryos by omics-based approaches for chemical monitoring

Please find further information about the vacancy here:

<https://recruitingapp-5128.de.umantis.com/Vacancies/1257/Description/2>

#### Subject: Bioinformatic method development for linking exposure and omics data

Please find further information about the vacancy here:

<https://recruitingapp-5128.de.umantis.com/Vacancies/1258/Description/2>

#### We offer:

- Interdisciplinary approaches within the PhD projects, between the PhD students, their supervisors, and within water and modelling research at UFZ
- Excellent technical facilities
- National and international teamwork
- A formidable graduate school with support and a wide range of courses (HIGRADE)
- Salary in accordance with the TVöD public-sector pay grade 13