



Leibniz-Institut  
für Präventionsforschung und  
Epidemiologie – BIPS

## Job announcement

In the Department of Epidemiological Methods and Etiological Research, the Unit Behavior and Health at the Leibniz Institute for Prevention Research and Epidemiology – BIPS offers a position for an

### **Epidemiologist (m/f/d)**

**as a research associate/PhD student**

Salary scale 13 of the German public sector salary system (TV-L) with 25.5 hours/week (part time).

The position can be started at the earliest possible date under conditional release of funds and provided it receives administrative clearance. The position is limited to three years and is expected to result in a PhD degree. An extension of the contract is possible upon availability of funding.

As an epidemiological research institute, the Leibniz Institute for Prevention Research and Epidemiology – BIPS aims to identify the causes of health problems and to develop new concepts for disease prevention. It is one of the most renowned epidemiological research institutes in Germany and works closely with various partners at the national and international level.

The candidate will primarily work on the provision and shared reuse of primary data collected within the IDEFICS/I.Family cohort and similar child and birth cohorts. The IDEFICS/I.Family study includes a variety of data from more than 21.000 children from nine European countries. Among others, anthropometric characteristics, various metabolic blood parameters, blood pressure, ultrasound of the heel bone, objectively measured physical activity and dietary habits have been assessed. This rich source of data offers the opportunity to describe the age- and sex-specific distribution of physiological parameters and to address etiological questions that are of high scientific and clinical relevance. To achieve that, pooling the data with other well-phenotyped children and adolescent cohorts should be conducted. Methods and routines for calibrating and merging the data from various studies according to the FAIR principles should be developed and tested. Based on the pooled data, age- and sex-specific reference values for various clinically relevant parameters in childhood and adolescence should be derived and internationally published. Subsequently, the research activities will be expanded to include new biomarkers and innovative research questions in cooperation with other international cohort studies.

These activities will be carried out in close collaboration with the Department of Biometry and Data Management, headed by Prof. Iris Pigeot.

#### **Requirements:**

- Excellent track record in relation to the research opportunity
- Completed Master's degree in epidemiology, biology, nutrition, bioinformatics, medicine, pharmacy or related fields
- Your education must at least correspond to a four-year undergraduate degree program
- You must have a strong academic background from your previous studies and have received an average grade for a first- or second-class honors degree (or equivalent compared with the institutional grading scale). In case of a weaker grade background, you may be assessed if you can document that you are particularly suitable for a PhD education
- You must meet the requirements for admission to the faculty 11 doctoral program of the University of Bremen (<https://www.uni-bremen.de/en/byrd/doctoral-researchers/pursuing-a-doctorate-at-the-university-of-bremen/regulations-governing-doctoral-studies>)

- Very good communication and collaboration skills and fluency in English
- Good knowledge of analysis of primary data (especially in the area of lifestyle-related disorders and metabolic biomarkers)
- Experience in statistical analysis of large data sets and in working with SAS and/or R

**The following qualities are a definite plus:**

- Publications in peer-reviewed journals
- Experience in methodological research in epidemiology and biostatistics

We offer exciting research topics, a stimulating international environment, good infrastructure, a dedicated, supportive and cooperative team, close ties to the University of Bremen and, not least because of this, an ideal environment for doctoral studies.

Severely disabled applicants will be given preference if they have essentially the same professional and personal suitability. In October 2014, BIPS was recognized for its measures to promote work-life balance.

**Inquiries to:** Dr. Antje Hebestreit, Tel: +49-(0)-421 / 218-56849  
E-Mail: [hebestr@leibniz-bips.de](mailto:hebestr@leibniz-bips.de)

Additional information can be found on our homepage: [www.leibniz-bips.de](http://www.leibniz-bips.de)

Please, send your application in English or German with the standard documents in PDF format, preferably in a single file, quoting the reference number **A 24/06 by 20 June 2024** to: [bewerbung@leibniz-bips.de](mailto:bewerbung@leibniz-bips.de).

**Leibniz-Institut für Präventionsforschung und Epidemiologie – BIPS**  
**Personalverwaltung**  
**Achterstraße 30**  
**28359 Bremen**

