

The IEA (International Association of Educational Achievement) is an independent, nonprofit research organization. We conduct international and national large-scale comparative studies of educational achievement and other aspects of education, with the aim of gaining in-depth understanding of the effects of policies and practices within and across systems of education. At the IEA Hamburg over one hundred specialists are involved in managing the different tasks of a study ranging from sampling to data analysis. Our experts also provide a wide array of services related to international and national surveys and assessments.

We have an immediate opening for a full-time (40hrs/week)

Sampling Statistician (f/m/d)

to join our Sampling Unit

The Sampling Unit at the IEA Hamburg develops and implements sample designs for international and national educational studies. This includes sample selection, computation of sampling weights, and preparing data sets for variance estimation. Strict adherence to state-of-the-art methods in sampling provides a foundation for high-quality study outcomes.

Your tasks:

- Development of sampling designs in educational large-scale assessments in cooperation with study centers and national research coordinators
- Sample selection, weighting, and variance estimation
- Conduct of training events covering this field
- Providing methodological support and consultancy to colleagues as well as external researchers
- Depending on your profile and work demands, you may also be able to contribute to research projects related to the field

Your profile:

- A master's degree in statistics (preferably with a focus on sampling), or an equivalent master's degree with prove of multiple years of experience
- Deep understanding of the basic concepts of probability theory and statistics; experience in complex sampling theory is desirable
- Programming skills for syntax-based statistical software (e.g., SAS or R)
- Excellent command of English and strong communication skills
- Commitment to accuracy and attention to detail
- Experience and expertise in the field of quantitative data analysis
- Experience in project and teamwork
- A self-contained, proactive, and organized approach to work
- Experience in the field of international comparative and large-scale assessments would be an asset

We offer an interesting and international work environment with excellent teamwork. You will be able to gain valuable job knowledge in the expanding working field of educational research. You will have the possibility to work independently and opportunities for professional development. We offer regular but flexible working hours (the IEA Hamburg was awarded the 'Hamburger Familiensiegel' for family friendly employers).

The contract will be limited for an initial period of two years, but we are interested in a long-term work relationship. We expect you to be available to work in our offices in Hamburg, Germany, and to be available to travel abroad for missions of short duration.

If you are interested in this position, please submit your complete application (including your resume, relevant references and certificates, your salary expectations and availability). We welcome applications at: bewerbung@iea-hamburg.de, subject: Sampling Statistician (0474). For further information please contact: