

The IEA (International Association for the Evaluation 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 (40 hrs/week)

Senior 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:

- Supervise the development of sampling designs in educational large-scale assessments in cooperation with study centers and national research coordinators
- Sample selection, weighting, and variance estimation
- Proactive contribution to the development of the unit regarding the knowledge and skills of staff
- Provide extensive methodological support and consultancy to colleagues as well as external researchers
- Conceptualize and conduct training events covering this field
- Conceptualize and conduct advanced research projects in the field of sampling methodology, total survey error, nonresponse bias analysis and related areas

Your profile:

- A doctorate in statistics (preferably with a focus on sampling), or an equivalent degree with prove of multiple years of experience
- Deep understanding of the basic concepts of probability theory and statistics; profound knowledge in complex sampling theory and sampling in large-scale assessments
- Profound programming skills for syntax-based statistical software (e.g., SAS or R)
- Excellent command of English, outstanding communication skills, record of teaching experience in the field
- Experience and expertise in the field of quantitative data analysis in relation with data from large-scale assessments
- Experience in project and teamwork
- Commitment to accuracy and attention to detail
- A self-contained, proactive, and organized approach to work

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 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: Senior Sampling Statistician (0491).

For further information please contact:

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