

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)

Research Analyst (Educational Measurement/Psychometrics) (f/m/d)

to join our Research and Analysis Unit

The Research and Analysis Unit (RandA) at the IEA Hamburg conducts research, analysis, training, support and consultancy activities in the field of large-scale assessments in education. RandA aims at improving the design of large-scale assessments, promoting the proper use of data from IEA studies, and stimulating high quality research related with IEA data.

We offer:

- A professional and international working environment
- Networking opportunity with researchers and stakeholders worldwide
- Professional development opportunities
- A dynamic team with strong team spirit
- Flexible working hours
- Work-life balance (The IEA Hamburg has been awarded the '*Hamburger Familiensiegel*', an award that recognizes us as a family-friendly employer.)

Your tasks:

- Work on development of research projects contributing to the advancement of cutting-edge methods in international large-scale assessments and the use of data in secondary analyses
- Strong analyses in educational measurement (e.g., scaling of questionnaire and achievement test data, psychometric analyses of item quality and test consistency based on classic and modern test theory, measurement invariance across countries and over time)
- Present papers at international conferences and publish them in academic journals
- Organize and deliver training events on research methods for analyzing large-scale assessment educational data
- Provide methodological support to colleagues at the IEA, as well as to external researchers conducting research that make use of data collected through IEA studies

Your skills and prerequisites:

- A degree in education, psychology, or statistics, or in a closely related field; preferably a doctoral degree
- Experience and expertise with quantitative research methods and their application in statistical software; knowledge of the R software is an advantage
- Experience in the field of international comparative and large-scale assessments is desirable
- Experience in test and/or questionnaire development would be an asset
- Experience in project and teamwork
- A self-sufficient, proactive, and organized approach to work
- The ability to communicate effectively in written and spoken English (in a highly multicultural environment)

We expect you to be based in our offices in Hamburg, Germany, and to be available to travel abroad for missions of short duration (usually about one week). The contract will be limited for an initial period of one year, but we are interested in a long-term work relationship.

If you are interested in this position, please submit your application (including a letter of interest, your resume, two examples of written work – published articles or book chapters – your salary expectations and availability) no later than September 12, 2022. We welcome applications at: bewerbung@iea-hamburg.de, subject: Research Analyst RandA (0560). For further information please contact:

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