

The University of Luxembourg seeks to hire outstanding researchers within its Faculty of Language and Literature, Humanities, Arts and Education

1 position as PhD (100%)

within the research group Computer-Based Assessment (Prof. Dr. Samuel Greiff; uni.lu/eccs/cba; facebook.com/21cba). The post will be offered on a term contract (14 month, renewable up to 3 years), available to start at 1st of March 2019.

The CBA research group aims at developing and validating innovative, computer-based assessment instruments for cross-curricular abilities (e.g., Complex Problem Solving, Collaboration, Domain-Specific Problem Solving). The open position will mainly focus on how 21st century skills (i.e., complex problem-solving) can be trained. This includes the development, validation and implementation of frameworks of how students' problem-solving competence can be fostered and the use of process data to better understand their problem-solving approach. The position allows for developing own research interests and to pursue a PhD in this area. The research group is interdisciplinary located within the fields of Educational and Personality Psychology, applied Psychometrics, Cognitive Science, Differential Psychology, Computer Science, and Education.

Responsibilities:

- Developing and conducting innovative research in the field of empirical educational research, intervention studies, and computer-based assessment
- Specifically, developing and validating frameworks of how students' problem-solving competence can be fostered, leveraging on the experiences in empirical educational and intervention studies
- Self-contained research targeted at receiving a PhD in Psychology (cumulative; i.e. based on peer-reviewed publications)
- National and international data collection and management at participating institutions
- Communicating with partners and independent instruction of student assistants
- Administrative responsibilities within the project and the research group
- Publications (in English-speaking peer reviewed journals and at scientific conferences)

Profile:

- Excellent Masters degree (or equivalent) in Psychology or a related field, ideally with a strong background in educational psychology, educational or learning sciences
- Good knowledge of and interest in quantitative methods and test theory (e.g., SPSS, MPlus, R, ConQuest), willingness to learn new methods
- Willingness to travel internationally and excellent English in speech and writing. Knowledge of additional foreign languages is welcome but not mandatory
- Involvement into teaching to a very limited extent
- Ability to work independently, strong personal commitment, ability to work under pressure, communication & cooperation skills, administrative skills, creativity, determination
- Last but not least enthusiasm about, above average commitment for, and enjoyment in research and science

We offer:

- Participation in a young, committed, and dynamically developing team
- Affiliation to a very active research group with a profile of diverse activities
- Excellent research and funding conditions on a personal and a research level at a high-ranking international and multilingual university
- Grown connections to international large-scale assessments such as PISA and PIAAC as well as national assessments in Finland, Hungary, Luxembourg, and Germany
- Possibility to receive a PhD based on publications within a very reasonable amount of time
- Excellent and intensive supervision on a personal level
- Highly competitive salary

Please submit your application by 18th of January 2019 at <http://emea3.mrted.ly/21ofk>

Applications from female candidates are explicitly welcome. Further, we encourage applications from suitably qualified disabled candidates. Place of employment is the University of Luxembourg. Please direct further questions to Prof. Dr. Samuel Greiff (samuel.greiff@uni.lu).