

## **Senior-Level Research Scientist Princeton, NJ**

Headquartered in Princeton, NJ, ETS is the world's premier educational measurement institution and a leader in educational research. As a nonprofit corporation and an innovator in developing tests for clients in education, government and business, we are dedicated to advancing educational excellence for the communities we serve.

ETS's Research & Development division has an opening for a distinguished researcher who will provide intellectual leadership with respect to psychometrics for the Cognitively Based Assessment of, for and as Learning (CBAL) project. The CBAL project is a highly ambitious, long-term research and development activity aimed at creating an innovative system of summative and formative assessment for use in K-12 and other contexts. This individual will serve as the lead psychometric advisor to the project on measurement issues, policies and procedures. Examples include, but are not limited to, equating, scaling and aggregation of information across multiple measures. The successful applicant must have expertise in and deep knowledge of current research in educational measurement and statistics. The successful candidate must also have the skill and interest in conceptualizing and exploring creative solutions to difficult psychometric problems. The position will be at the level of Senior Research Scientist or Principal Research Scientist, depending on qualifications.

### **Responsibilities include, but are not limited to:**

- Identifying the psychometric challenges that emanate from the CBAL design
- Creating a detailed research agenda to address those psychometric challenges
- Providing expert consultation to project staff on technical aspects of their work related to psychometrics
- Proposing and carrying out psychometric projects that fit the research agenda
- Providing high-level technical oversight and guidance to other psychometric and research staff on the project
- Disseminating empirical and theoretical research findings that address CBAL-related technical problems through peer-reviewed publications and presentations
- Working with the CBAL team leads to define test design constraints that will help to ensure technical quality of scores from CBAL assessments
- Working with the CBAL team leads to define what can and cannot be defensibly reported from CBAL assessments
- Educating project staff about the implications of technical quality for assessment design decisions

### **Requirements:**

- A Ph.D. in educational measurement, psychology, statistics, education or a related field with an emphasis on quantitative analysis or psychometrics
- A distinguished record of scientific achievement and publication
- Ability to work effectively as a member of a team in a consulting environment
- Excellent interpersonal and communication skills in both written and spoken English

ETS offers competitive salaries, outstanding benefits, a stimulating work environment and attractive growth potential. ETS is an Equal Opportunity, Affirmative Action Employer.

Please send a copy of your resume, along with cover letter stating job title and salary requirements, to: Andy Leibowitz, Educational Testing Service, Rosedale Road, MS 46-D, Princeton, NJ 08541. E-mail: [aleibowitz@ets.org](mailto:aleibowitz@ets.org). EEO/AA EMPLOYER, M/F/D/V