

Title: Associate Research Scientist, Psychometric Services

Job Type: Regular Full Time

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Req Number: 30604

Location: San Antonio, TX

Relocation available: Yes

Pearson is an international media company with market-leading businesses in education, business information and consumer publishing. Pearson's education business represents about two-thirds of the company, and Penguin publishing and the Financial Times make up the balance. With more than 30,000 employees based in 60 countries, we are a family of businesses that draws on common assets, processes, and shares a common purpose: to help our customers live and learn.

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The Associate Research Scientist performs the following main tasks:

- Conducts analyses for item calibration, linking, and equating under the guidance of more senior research scientists.
- Works under guidance from more senior research scientists in the construction of test forms and the preparation of items for various testing purposes.
- Participates in customer meetings, e.g., data review, standard setting.
- Supports proposal develop efforts.
- Designs special research, e.g., comparability study.
- Interfaces with other functional groups, e.g., program management, content development, information technology.
- Supports department and company initiatives.
- Gathers information about national and state trends in education and considers this information when conducting analysis work.

Familiarity with applied psychometric techniques, including classical test theory, item response theory, test equating, scaling, linking, and standard setting.

- Familiarity with software packages and programming languages commonly used in psychometric work or measurement research, (e.g., SAS, SPSS, WINSTEPS, BILOG, MULTILOG, PARSCALE, C++, SPLUS, FORTRAN).
- Demonstrates communication skills, (oral, written, and business), necessary to function effectively with internal project teams and external clients.
- May present technical information to different audiences, (e.g., client groups or technical advisory committees), with guidance from more senior research scientists.
- Makes presentations at national conferences.
- Serves as an internal Psychometric and Research Services (PRS) contact (e.g., represents PRS in meetings and other communications) for a testing program or research project.
- Demonstrates project management skills necessary to complete assigned PRS tasks in a timely manner.
- Supports hiring process through applicant interviewing.
- Provides career plan information.
- Willingness to travel as necessary.

Education required

- Doctoral degree in educational measurement or a related field from a nationally recognized institution of higher education.

Other Requirements

- Effective oral and written communication skills.
- Good problem solving skills.
- Well organized.
- Motivated.
- Detail oriented.
- Team oriented and good interpersonal skills.
- Multi-tasking.