

Title: Associate Research Scientist, Psychometric Services

Req Number: 30387

Job Type: Regular Full Time

Location: Iowa City, IA

To apply for this position go to www.pearsoned.com/careers

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.

Pearson is an Equal Opportunity Employer M/F/V/D, and a member of E-Verify.

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Education and Work Experience

- Doctoral degree in educational measurement or a related field from a nationally recognized institution of higher learning.
- Familiarity with Psychometric Techniques or Techniques Associated with Other Relevant Areas of Expertise.
- Familiarity with applied psychometric techniques including classical test theory, item response theory, test equating, scaling, linking, and standard setting.
- OR familiarity with applied techniques associated with the scientist's specific area of expertise.

Familiarity with Software Packages and Programming Languages

- 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).
- OR familiarity with software (Matlab, IDL, PERL, Java, JavaScript, XML) associated with the scientist's specific area of expertise.

Scaling and Equating

- Conducts analyses for item calibration, linking, and equating under the guidance of more senior research scientists.

Grants, Research, External Funding

- Understands grant and research proposal application/writing process.
- Scopes extent of analysis work anticipated with proposed research study under the guidance of more senior research scientists.

Test Construction/Field Testing

- Works under guidance from more senior research scientists in the construction of test forms and the preparation of items for various testing purposes.

Proposal Development

- Contributes to assessment sections of proposals under guidance from more senior research scientists.

Knowledge Educational Trends

- Gathers information about national and state trends in education and considers this information when conducting analysis work.

Communication Skills, Technical Presentations, and Client Contact

- 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.

Project and Talent Management

- Demonstrates project management skills necessary to complete assigned PRS tasks in a timely manner.
- Supports hiring process through applicant interviewing.
- Provides career plan information.

Organizational Behavior

- Aligns goals with department goals.
- Follows existing processes.

Working Location and Travel

- Requires working onsite in the Pearson facility.
- Willingness to travel as necessary.