



# ASSOCIATE PSYCHOMETRICIAN

## ROLE OUTLINE

The National Board of Osteopathic Medical Examiners (NBOME) is seeking a dynamic Associate Psychometrician to perform psychometric operations including test design, standard setting, item and test analyses, test form assembly, scaling, equating, and reporting for the NBOME examinations.

**LOCATION: CHICAGO OFFICE**

**DEPARTMENT: COLLABORATIVE ASSESSMENT AND INITIATIVES**

## RESPONSIBILITIES AND QUALIFICATIONS

- Participates in the design and execution of original and applied psychometric research and projects including the research and development of new features such as innovative item types and new delivery and scoring methods.
- Promote the NBOME best practices and research findings through professional presentation and publication.
- Ability to work in a team environment and develop solid relationships with COMs and verify candidate eligibility.
- Follows the processing and analysis of existing products to ensure highest quality and integrity, including test design, test assembly, standard setting, item and test analysis, equating, scoring, and score reporting.
- Designs, conducts, and coordinates psychometric research.
- Submits research for professional presentation and publication related to the validity and defensibility of NBOME services and testing products.
- Internal coordination of: departmental planning; IT needs; cross-functional teams; activities in support of psychometric analysis and research; and other internal processes.

### Qualifications include:

- Requires 1-3 years of experience in educational measurement, statistics or assessment, or as a researcher related to assessment or the social sciences.
- Requires utilizing psychometric models and methods, statistical procedures, in addition to applications of classical test theory (CTT), item response theory (IRT), and/or the Rasch model for test design and analysis.
- Proven ability to analyze and solve measurement problems in testing operations.
- Strong data analysis and computer programming skills (e.g., SAS, R, SQL, WINSTEPS).
- Ability to work well with exam committees and interdepartmental colleagues.
- Strong background in applying CTT and IRT to large-scale testing programs (preferred).
- Experience in designing, conducting, summarizing and presenting psychometric studies (preferred).

**POSITION STATUS: FULL-TIME REGULAR NON-EXEMPT**

### To Apply:

Please submit resume and letter of interest summarizing your qualifications to Human Resources by email at [HRAdmin@nbome.org](mailto:HRAdmin@nbome.org).

**\*NBOME is an E-Verify participant**

The NBOME is an EOE organization. Applicants must be **legally eligible to work in the United States.**