

**NATIONAL COUNCIL OF STATE BOARDS OF NURSING, INC. (NCSBN)
OPEN POSITION ANNOUNCEMENT - JOB POSTING: 1093**

POSITION TITLE: Psychometrician, Measurement and Testing, Examinations

STATUS: Full time / Exempt

LOCATION: Chicago, Illinois (Hybrid: 2 days/week on-site, 3 days/week remote)

ABOUT NCSBN

The [National Council States Boards of Nursing](#) (NCSBN) is an independent, not-for-profit organization through which nursing regulatory bodies act and counsel together on matters of common interest and concern affecting public health, safety and welfare, including the development of nursing licensure examinations. Our mission empowers and supports nursing regulators in their mandate to protect the public.

JOB SUMMARY

We are seeking to fill a Psychometrician opening in our Examinations department. Position title (i.e., Psychometrician II or Senior Psychometrician) and corresponding level of responsibility will be dependent upon experience.

The Psychometrician position will coordinate operational examination development activities related to psychometrics, psychometric aspects of major projects (e.g., practice analysis and standard setting), and research projects concerning the performance of NCSBN examinations and possible improvements. Candidates will require at least intermediate programming skills in R, Python and/or SAS with experience in writing reusable code for operationalization of psychometric processes. They will also require a knowledge and understanding of XML or JSON.

This role is an exciting opportunity for an individual looking to deepen their psychometric skillset, while working for an organization committed to advancing nursing regulation and policy worldwide!

RESPONSIBILITIES

- Work closely with senior staff to conduct all aspects of research and operational work on psychometric tasks (e.g., data reconciliation, practice analysis, standard setting, DIF, IRT item calibration, scoring, etc.) for large-scale testing programs.
- Work collaboratively with managers, colleagues, and cross-functional teams to deliver high-quality results on time, while also being a strong advocate of effective teamwork.
- Demonstrate professional writing skills in preparing technical reports and related documents, as well as professional presentation skills with varying degrees of psychometric knowledge.
- Facilitate or supervise psychometric panels (e.g. Standard Setting, DIF, etc.).
- Conduct research and propose solutions to current/future psychometric problems and program development.
- Develop computer programs to automate the evaluation and improve psychometric tools, supporting on-going operational work and the development of new products.
- Performs other duties as assigned.

QUALIFICATIONS

- PhD in educational measurement and testing, psychometrics or related field with at least 3 years' experience in large scale testing, experience in adaptive testing preferred. Additional years of experience (>5 years) will be required to be considered for a senior-level position.
- Able to take direction from senior/manager to achieve program goals and operational tasks with little oversight.
- Familiarity with IRT models and adaptive testing.
- Proficiency in R and SAS programming is necessary, experience with Python and a willingness to learn

R/SAS during the first year is acceptable.

- Experience with data visualizations or dashboard development is necessary, experience with RShiny, HTML5, Javascript, Dremio, or PowerBI is preferred.
- Experience with managing and working with large datasets.
- Strong attention to detail and a commitment to data integrity.
- Excellent organizational skills and able to handle multiple projects simultaneously.
- Excellent written and oral business communications skills.
- Strong analytical, problem-solving, and decision-making skills.
- Able to deliver on timelines related to projects.
- Travel Requirements: Less than 10% of total time including attendance at conferences and client meetings.

TO BE CONSIDERED

Interested candidates are encouraged to submit all information at NCSBN's job posting website at:

https://workforcenow.adp.com/mascsr/default/mdf/recruitment/recruitment.html?cid=03db93ed-1b1c-4447-805d-a674958c23e6&cclid=19000101_000001&jobId=486170&lang=en_US

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