# Research Associate - Neuropsychiatry

The Department of Psychiatry at the Perelman School of Medicine at the University of Pennsylvania seeks candidates for a Research Associate position in the Academic Support Staff. This appointment will be initially for one (1) year and continuation during that time period and renewal are based on satisfactory performance and availability of funding (limited to three (3) years). The successful applicant will have experience in the field of Quantitative Psychology with a focus on psychological measurement and structural equation modeling. The successful applicant will also have specialization in Item Response Theory and Factor Analysis. Responsibilities include participation in a multi-disciplinary team of basic and clinical neuroscientists in the specific role of statistical analyst and modeler, with particular emphasis on psychometrics (especially factor analysis and IRT). The applicant must have a thorough knowledge of the R Statistical Package, and experience with at least three of the following: Mplus, EQS, SAS, Stata, SPSS, lavaan, HLM, or CEFA. Knowledge of Excel macros is also highly advantageous. The applicant should have experience with the following: DIF analysis, Computerized Adaptive Test development, test linking, MIMIC modeling, and all aspects of the exploratory factor analytic process. In addition, the applicant should have excellent communication skills and the ability to write methods-related sections of grant applications. This will almost always include creation of clear and visually appealing tables and figures. He/She should have the ability to work on multiple projects simultaneously, usually under the direction of multiple primary investigators with highly variable needs and timelines. Applicants must have a Ph.D. degree and have demonstrated excellent qualifications in research.

Applicants must have a postdoctoral fellowship and have demonstrated excellent qualifications in quantitative methodologies, especially psychometrics, measurement, research design, statistical analysis, and statistical modeling of psychological processes (e.g. complex MIMIC modeling and cognitive-psychometric modeling.

We seek candidates who embrace and reflect diversity in the broadest sense.

The University of Pennsylvania is an EOE. Minorities/Women/Individuals with disabilities/Protected Veterans are encouraged to apply.

Apply for this position online at:
https://www.med.upenn.edu/apps/faculty_ad/index.php/g332/d3970