Notice

This notice is being provided as a result of the filing of an application for permanent alien labor certification for the job opportunity described below. Any person wishing to comment may provide documentary evidence to the Certifying Officer of the Department of Labor, Employment & Training Administration, Harris Tower, N.E., 233 Peachtree Street, Suite 410, Atlanta, GA 30303.

Psychometrician in Lawrence, Kansas

Position Overview: Under the supervision of the Lead Psychometrician, performs psychometric tasks including item and test analysis, equating, differential item functioning, and standard setting. Uses both classical and IRT psychometric models to analyze large-scale assessment data. Produces item analyses and summary data tables for use in reporting. Prepares documentation of operational results with direction from senior staff. Proposes detailed research designs and analyses for common psychometric approaches. Supervises GRAs, reviews their statistical programs, and oversees their work. Design and perform routine psychometric tasks including item and test analysis, equating, differential item functioning, standard setting, and technical reporting. Develop and carry out non-routine analyses with direction from senior staff. Design, implement and document plans for test delivery, administration, receipt, scoring, and reporting under the guidance of senior staff. Use the statistical software SAS, SPSS, and R as comprehensive data manipulation and data analysis tools to perform the fundamental statistical analysis. Create batch data files and syntaxes to be used for statistical modeling and psychometrics software. Use the statistical software modeling software LISREL, Mplus, OpenBUGS as advanced statistical modeling tools for structural equation modeling, hierarchical linear modeling, and Bayesian analyses. Use the psychometric software flexMIRT, IRTPRO, Winstep and Facets for calibrating and equating. Use the programming languages SQL, FORTRAN, and Visual Basic to extract data from database and create programs for tasks with special purposes, e.g., macro for statistical analyses and automate procedures and tasks to facilitate statistical modeling and psychometrics analyses. Design and implement research projects under the review of senior staff. Present and publish regularly. Prepare planning documents and specifications, monitor internal schedules, assist with communication to contracting agencies and educators in the field, and prepare documentation of operational results with
direction/review by senior staff. Direct quality assurance procedures. Supervise graduate students on a task basis. Doctorate in Measurement, Statistics, Educational Psychology, or closely related field. 2 years of experience with psychometric & statistical analysis, including 1 year of experience working with standardized educational testing; 2 years with SAS, SPSS, R statistical analysis software; 2 years with LISREL, Mplus and OpenBUGS advanced statistical modeling tools; 2 years with flexMIRT, IRTPRO, Winsteps & Facets Psychometrics software; 1 year of experience working with state departments of education; and 1 year with SQL, FORTRAN, and Visual Basic programming languages. $75,000 - $85,590/yr.

Reply to: Ronda Consolver, Assistant Director
University of Kansas
Achievement and Assessment
1122 West Campus Drive, Room 602
Lawrence, KS 66045

The University of Kansas is an equal opportunity/affirmative action employer.