

## **Position Title: Psychometrician**

The Houston Health Services Research and Development Center of Excellence and the Department of Medicine, Section of Health Services Research at Baylor College of Medicine is seeking a Full Time Psychometrician. This position is at the Assistance Professor or Associate Professor level.

### **Overview:**

The Houston Health Services Research and Development Center of Excellence (HSR&D CoE) is one of 13 nationwide VA funded HSR&D CoE, and is partnered with the Baylor College of Medicine Section of Health Services Research. Over the last 20 years, the HSR&D CoE has grown into a research powerhouse; continuing its mission of impacting health and health care by conducting and translating outstanding research and by developing influential leaders in Health Policy, Outcomes, Quality, Access, Utilization, and Costs. The Houston CoE supports 34 independent investigators with expertise in Statistics, Health Policy and Quality, Health Communications, Epidemiology, Health Economics, Behavioral Medicine and Sociology who work together on multidisciplinary teams to ultimately improve the quality and efficiency of patient care.

### **Job Description:**

Assistant/Associate Professor level: We are seeking an entry-level Psychometrician/Health Services Researcher, though mid-career candidates will be considered. The incumbent in this position will be expected to serve as a co-investigator on existing research studies at the Houston Center and Baylor College of Medicine, and to develop an independent research agenda in the application of Measurement Theory to Health Services Research. The psychometrician will provide data analysis, design databases and provide statistical expertise and interaction analysis.

For an Associate Professor position, evidence of research productivity, success in obtaining external grant funding, versatility in measurement expertise, skill in consulting on measurement issues, and the ability to work with interdisciplinary research teams are all essential.

### **Required Qualifications:**

- U. S. CITIZENSHIP
- Ph.D. in Psychological Measurement, Education Measurement, Psychometrics, or related field with an emphasis on quantitative analysis or psychometrics
- Advanced training in psychometric research and statistics including item response theory, scaling and equating, Monte Carlo methods, sample design and computer programming
- Related experience, including assessment systems, sampling theory and item response theory
- Ability to work effectively as a member of an interdisciplinary team
- Excellent interpersonal and communications skills in both written and spoken english
- Excellent computer programming skills, especially with SAS programming

**Preferred Qualifications:**

- Experience with multi-level; modeling programs, hierarchical linear models, and structural equation models
- Candidates whose research agenda, experience and/or training includes a concentration in Health Services research, particularly Health Disparities, Access to Care, Policy, or Health Behavior are particularly encouraged to apply.

**How to apply:**

Applications will be accepted until the positions are filled. Applicants should provide a cover letter describing interests and qualifications, current curriculum vitae, and three (3) letters of reference to: Rhonda O'Donovan, HR Manager, 2002 Holcombe Blvd. (VA 152), Houston, TX 77030, [rhonda.o'donovan@va.gov](mailto:rhonda.o'donovan@va.gov)