

Arabian Gulf University

(Associate/Assistant Professor in Psychometrics; Specialization: assessment/statistics)

Department of Special Education, College of Education, Administrative and Technical Sciences

Job Reference Number: **CGL742024**

Description:

Nature of Work

The Department of Special Education at the Arabian Gulf University seeks highly qualified applicants for an Associate/Assistant professor in psychometrics/statistics. The applicant is expected to be part of the faculty members in the Department of Special Education with responsibilities for (a) face-to-face teaching, (b) advising graduate-level students, both master's and doctoral students, and (c) designing and conducting rigorous research in the area of psychometric assessment.

Professional Field

Psychometrics/Statistics.

Supervision Received

The associate/assistant professor of psychometrics reports to the Department of Special Education Chairperson.

Supervision Exercised

The associate/assistant Professor in psychometrics will not supervise other employees.

Examples of Work Performed

The duties and responsibilities of the position include, but are not limited to:

- Teach/coordinate graduate courses in the master's and the PhD programs in statistical analysis that include (Descriptive statistical analysis, Inferential statistical analysis, and advanced statistics such as SEM, Meta-analysis, Confirmatory, and Explanatory Factor Analysis)
- Students' supervision.
- Conduct research in the area of Psychometrics assessment and advanced statistical methods.
- Prepare and develop psychometrical tests and scales.
- Serve on program, department, college, and university-wide committees.
- Collaborate with program faculty on accreditation data collection and reporting efforts.

Knowledge, Skills, and Abilities:

To be successful in this position, the employee will need the following:

- **Knowledge:** knowledge of multiple criteria of advanced statistical methods (e.g., Multivariate analysis, Factor analysis, Predictive analysis, and structural equational modeling)

- **Skills:**
 - (1) Critical thinking, problem-solving, leadership, and time management.
 - (2) Skills in statistical packages (e.g., SPSS, R, Smart-PLS, AMOS, Comprehensive Meta-Analysis).
- **Ability:**
 - (1) The ability to evaluate the best psychometric assessment and statistical practices.
 - (2) The ability to work under pressure.
 - (3) The ability to engage in scholarly productivity through publishing and presenting regularly at regional and international conferences in the field of psychometrics.
- **Talents:** Effective management, communication, and interpersonal skills.

Minimum Qualifications

- Ph.D. degree in psychometrics from an accredited college or university.
- Evidence of scientific productivity in the field.
- Evidence of relevant teaching experience at the graduate level is expected.
- **Education:** PhD degree in psychometrics/statistics with a background in statistics or mathematics.
- **Experience:**
 - (1) Experience with program accreditation.
 - (2) Experience working with in-service and preservice educators.
 - (3) Experience working with graduate-level students.

Preferred Qualifications

- Experience working with graduate students.
- A record of successful involvement in P-12 schools.
- The ability to use technology in innovative ways is strongly preferred. More specifically, advanced knowledge of using different learning managerial systems (LMS) is also preferred.