



## STATISTICIAN (LECTURER/ SENIOR LECTURER)

### Centre for Educational testing for Access and Placement (CETAP)

### Centre for Higher Education Development (CHED)

The Centre for Educational Testing for Access and Placement (CETAP) seeks to appoint a permanent full-time Statistician preferably with educational testing experience at the level of Lecturer/Senior Lecturer.

The Centre for Educational Testing for Access and Placement's (CETAP) mission is to provide educational testing that contribute to access and success at the University of Cape Town and in the broader higher education and training sector. In realizing this mission, CETAP develops educational tests that are reliable and valid in these higher educational contexts. Its educational measurement and learning analytics research supports and informs teaching and learning and educational policy relating to admissions (selection and placement) and throughput within these contexts.

Under the leadership of the Test Development Coordinator and in collaboration with the research team, the main purpose of this position is to contribute to CETAP's research programme through the provision of statistical analysis for agreed upon reports, presentations and projects. This also includes conceptualising and carrying out independent research relevant to the mission of CETAP.

#### Requirements at Lecturer level:

- At least a Master's degree in Statistics, Educational Measurement, Quantitative Psychology or any other relevant degree
- Demonstrated research writing abilities
- Good communication skills and the ability to explain basic statistical concepts
- High Level Knowledge of statistical software such as R, SAS, SPSS, STATA, Statistica, Educational testing software, etc.
- Experience in setting-up databases and report writing

#### Requirements at Senior Lecturer level:

- A Ph.D. degree or substantial progress made in acquiring a Ph.D. degree in Statistics, Educational Measurement, Quantitative Psychology or any other relevant degree
- Demonstrated research writing abilities
- Good communication skills and the ability to explain basic statistical concepts
- High Level Knowledge of statistical software such as R, SAS, SPSS, STATA, Statistica, Educational testing software, etc.
- Experience in setting-up databases and report writing
- Conceptualising and conducting own research relevant to the mission of CETAP

#### Preference will be given to applicants with:

- Experience in analysing test data using statistical software
- Experience in data analysis/statistical support in an educational testing environment
- Experience in setting-up databases and report writing
- Experience as a statistician working under complex project conditions

#### Responsibilities

- Providing statistical analysis for agreed upon research, reports, presentations and projects
- Liaising with Research teams in terms of tests, items and domain specific statistical requirements
- Writing of preliminary reports based on analysed data

The annual cost of employment, including benefits at the respective levels are as follows:

- **Lecturer: R683 358**
- **Senior Lecturer: R834 707**

To apply, please e-mail the below documents in a single pdf file to Tracy Moore at [recruitment04@uct.ac.za](mailto:recruitment04@uct.ac.za):

- UCT Application Form (download at <http://forms.uct.ac.za/hr201.doc>)
- Motivational letter
- Curriculum Vitae (CV)

Please ensure the title and reference number are indicated in the subject line. An application which does not comply with the above requirements will be regarded as incomplete.

**Telephone:** 021 650 5405  
**Reference number:** E19153

**Website:** <http://www.cetap.uct.ac.za>  
**Closing date:** 25 March 2019

UCT is committed to the pursuit of excellence, diversity and redress in achieving its equity targets. Our Employment Equity Policy is available at <http://www.uct.ac.za/downloads/uct.ac.za/about/policies/eepolicy.pdf>.

UCT reserves the right not to appoint.