



# SENIOR RESEARCH OFFICER (BIostatistician)

(Full time)

Centre for Infectious Disease Epidemiology and Research (CIDER)  
School of Public Health and Family Medicine

FACULTY OF HEALTH SCIENCES

The International epidemiology Databases to Evaluate AIDS Southern Africa collaboration (IeDEA-SA) is looking to appoint a biostatistician with a particular focus on HIV cohort epidemiology. The main purpose of the position is to lead statistical analyses undertaken by IeDEA-SA and CIDER and to provide statistical support to the data centre of IeDEA-SA and related projects, hosted by CIDER at the School of Public Health & Family Medicine, UCT.

IeDEA-SA is a regional data collaboration funded by the US National Institutes of Health (NIH) to address research questions in HIV/AIDS that require large patient numbers in multiple sites and contexts. Seventeen antiretroviral therapy (ART) programmes in six Southern African countries (Lesotho, Malawi, Mozambique, South Africa, Zambia and Zimbabwe) contribute data and participate in collaborative regional and multiregional analyses led by data centre researchers. The current database includes patient-level data on ±1.2 million adults and 100 000 children on ART. IeDEA-SA also develops and implements methods to harmonise and analyse data from multiple different sources. In addition, IeDEA-SA has spearheaded linkage with provincial and national databases such as the National Population Register and the National Cancer Register, improving its ability to accurately ascertain mortality and other health outcomes.

This is a full-time, permanent post which will entail leading statistical analyses on combined cohort data, providing biostatistical support to epidemiologists in IeDEA-SA and participating cohorts, writing up results, preparing manuscripts and presenting research findings, and assisting in developing new methodologies for the analysis of cohort data.

#### Requirements include:

- A PhD degree in Statistics, preferably Biostatistics
- A good understanding of the study designs and statistical methods most commonly used in biomedical research.
- Publication record commensurate with SRO level of appointment.
- Minimum 1 year post-PhD experience conducting statistical analyses in health science related fields.
- Excellent knowledge of a statistical software package such as Stata and/or R
- Experience working as part of a team.

*The following would be advantageous:*

- Experience working with cohort data and longitudinal analyses.
- Mathematical modelling skills and experience conducting mathematical modelling

#### Responsibilities include:

- Leading analyses on data from HIV treatment programmes.
- Providing statistical support to researchers and students in CIDER and collaborating treatment programmes.
- Participating in writing up results, preparing manuscripts and presenting study findings.
- Assisting in developing new methodologies for the analysis of cohort data.

**The successful candidate will be strongly supported in further professional development appropriate to prior training and experience, with excellent opportunities to travel for conference attendance and advanced statistical methods courses, and to collaborate with leading scientists and institutions regionally and globally.**

This is a permanent appointment at Senior Research Officer level. UCT remuneration policies and costs of employment (CoE) are available at [http://www.hr.uct.ac.za/hr/benefits/remuneration/coe\\_ranges/academic](http://www.hr.uct.ac.za/hr/benefits/remuneration/coe_ranges/academic).

Senior Research Officer CoE is at Senior Lecturer level. A scarce skills allowance may be considered based on qualifications and experience.

**To apply**, please e-mail the below documents in **a single pdf file** to [recruitment05@uct.ac.za](mailto:recruitment05@uct.ac.za)

- UCT Application Form (download at <http://forms.uct.ac.za/hr201.doc>)
- Cover letter, and
- 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 3003

**Website:** <http://www.publichealth.uct.ac.za>

**Reference number:** E18424

**Closing date:** 26 November 2018

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>. For this post we seek to particularly attract black (African, Coloured and Indian) South African candidates.

UCT reserves the right not to appoint.