



## University of Cape Town Lung Institute CENTRE FOR CHILD AND ADOLESCENT LUNG HEALTH UNIT

### DATA ANALYST

The Centre for Child and Adolescent Lung Health (CHILD) at the UCT Lung Institute is recruiting a **Data Analyst** for the Drakenstein Child Health Study (DCHS) for a **full-time** 12-month contract post. The incumbent will be based at Red Cross War Memorial Children's Hospital and will be responsible for preparing, analyzing and reporting on data related to the primary project outcomes and providing ongoing statistical support to students and investigators.

DCHS is a multi-year birth cohort study following 1,000 mother child pairs to investigate the epidemiology, aetiology and risk factors for childhood lower respiratory illness and the impact on child health, including the development of chronic respiratory disease. The study aims to investigate the role and interaction of potential risk factors covering 7 areas (environmental, infectious, nutritional, genetic, psychosocial, maternal and immunological risk factors) that may impact on child health.

#### Minimum Requirements:

- Honours degree in Statistics or Epidemiology/Public Health
- Previous clinical research and statistical analysis experience (minimum 2 years)
- Knowledge of STATA
- Data management experience with electronic platforms such as REDCap

#### The following will be advantageous:

- Masters degree in statistics, epidemiology or public health
- Knowledge and experience in longitudinal data analysis is a distinct advantage
- Experience working in a collaborative research environment
- Experience with publications in peer-reviewed journals
- Knowledge of Good Clinical Practice (GCP)

#### Responsibilities include (but not limited to):

- Cleaning and preparing datasets for analysis
- Providing statistical support to investigators and students by running specific analyses
- Advising investigators and students on statistical approaches to research questions
- Data quality control (including input into quality control systems and creating feedback reports)
- Compiling datasets as needed for operational reporting and investigators
- Developing and maintaining REDCap-based databases, and reporting from such databases
- Liaising with relevant investigators regarding database development for new study aspects
- Assist with training/guidance of interns attached to the study
- Other administrative support duties as assigned

**To apply**, interested applicants are requested to submit (in **PDF** format) an [application form](#), **letter of motivation and updated CV** to: [sandisiwe.noholoza@uct.ac.za](mailto:sandisiwe.noholoza@uct.ac.za)

**Reference (in subject line):** Research Analyst: CHILD-0005

**Closing Date:** 28 July 2023

**Applications will only be accepted via email.**

Salary range for this position is based on experience and qualifications.

Only shortlisted candidates will be contacted. Should you not receive a response within 30 days of the closing date, please consider your application unsuccessful.

**\*Please note:** *This post is not part of UCT conditions of service. The University of Cape Town Lung Institute is committed to equity in our employment practices and reserves the right not to appoint.*