



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 requires applications for a **DATA ANALYST** for the Drakenstein Child Health Study (DCHS) for a **full-time, 12-month contract** post, with the possibility of renewal. 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. The cohort has been actively followed for 11 years, with an additional focus on the emergence of non-communicable diseases and mental health as the children reach pre-adolescence. With an extensive publication record, strong international collaborations and novel work in areas which include the childhood microbiome, gene expression, and adolescent TB, the study presents exciting opportunities for analysis and collaboration.

Minimum Requirements:

- Masters degree in statistics, epidemiology or public health (with a strong quantitative focus)
- Previous clinical research and statistical analysis experience (minimum 3 years)
- Knowledge of STATA
- Data management experience with electronic platforms such as REDCap

The following will be advantageous:

- PhD degree in statistics, epidemiology or public health (with a strong quantitative focus)
- 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):

- 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)
- Developing and maintaining REDCap-based databases, and reporting from such databases

Additional Information:

- This position will be based at the Red Cross Children's Hospital, in Rondebosch
- Working hours – 40 hours per week, Monday to Friday

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

Reference (in subject line): Data Analyst: CHILD-0005

Closing Date: 29 September 2023

Salary range for this position will be based on experience and qualifications.

Applications will only be accepted via email.

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.*