



## University of Cape Town Lung Institute CENTRE FOR CHILD & ADOLESCENT HEALTH

### Lead Data Analyst

**Work with data that follows a generation—and helps shape their future.**

The Centre for Child and Adolescent Lung Health (CHILD) at the UCT Lung Institute is looking for a Lead Data Analyst to join the Drakenstein Child Health Study (DCHS)—one of South Africa’s most established longitudinal birth cohort studies. This is a full-time, 12-month contract (with the possibility of renewal), based at Red Cross War Memorial Children’s Hospital.

***This role is offered under the University of Cape Town Lung Institute’s own employment terms and conditions, which are separate from UCT conditions of service.***

#### **Why this role matters**

DCHS follows over **1,000 mother–child pairs** from birth into adolescence, generating rich, multi-dimensional data to understand:

- Childhood lower respiratory illness
- Long-term health outcomes, including chronic disease
- The interaction of environmental, biological, and social risk factors

With over a decade of follow-up, strong international collaborations, and an extensive publication record, this study offers a rare opportunity to work with deep, complex longitudinal data that drives meaningful research.

#### **What you bring:**

- Honours degree in Statistics, Epidemiology, Demography, or Public Health (quantitative focus)
- Minimum 3 years’ experience in clinical research and statistical analysis
- Strong working knowledge of STATA and experience with R or similar tools
- Experience with data management platforms (e.g. REDCap)

#### **Advantageous**

- Experience in maternal or child health research
- Knowledge of longitudinal data analysis
- Experience working in a collaborative research environment
- Publication experience in peer-reviewed journals
- Good Clinical Practice (GCP) knowledge

Your analytical expertise will support high-impact research exploring the drivers of child health and disease across early life and adolescence.

#### **What you’ll drive:**

- Provide leadership and mentorship to the data team, fostering strong performance and development
- Define and evolve data strategy, frameworks, and best practices across projects
- Ensure delivery of high-quality, reliable data outputs aligned to research objectives
- Uphold robust data governance, quality, and security standards
- Partner with Principal Investigators to prioritise and respond to data requirements
- Manage workflow and resource allocation across multiple studies and requests

### **Where you'll add value**

- Interpreting complex longitudinal data and translating it into meaningful insights
- Supporting both experienced investigators and emerging researchers/students
- Strengthening data quality and ensuring robust, reliable outputs
- Contributing to a research environment with high publication output

Your work will directly support research that improves understanding of child health and contributes to evidence shaping future healthcare approaches.

### **Role Information:**

- Fixed Term Contract (12 Months)
- Monday to Friday | 40 hours per week
- Based across Red Cross Hospital, Rondebosch & includes travel to local clinics

Start your journey [here](#) to complete the online application and submit your CV, cover letter, and 2–3 contactable references.

### **Closing Date:** 30 April 2026

Thank you for your interest in this opportunity. Only shortlisted candidates will be contacted. If you haven't heard from us within 30 days of the closing date, please consider your application unsuccessful.

### **EMPLOYMENT EQUITY STATEMENT**

We are committed to equitable employment practices and diversity in the workplace. Appointments will be made in accordance with the University of Cape Town Lung Institute's Employment Equity Plan.

### **POPIA STATEMENT**

Your personal information will be processed in line with the Protection of Personal Information Act (POPIA) and used solely for recruitment purposes, including reference checks. By applying, you consent to this process.

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