



In Search of Better Health

KENYA MEDICAL RESEARCH INSTITUTE

VACANCY ANNOUNCEMENT

Research Officer - Data Management–Wellcome Research Programme Nairobi

The Kenya Medical Research Institute (KEMRI) is a state corporation established through the Science and Technology (Amendment) Act of 1979, as the national body responsible for carrying out health research in Kenya. KEMRI's vision is "to be a leading centre of excellence in research for human health," and its mission is "to improve human health and quality of life through research, capacity building, innovation, and service delivery."

The KEMRI-Wellcome Research Programme (KWRP) is a partnership between KEMRI, Wellcome, and the University of Oxford. The Programme established in 1989, has evolved from conducting research in the immunology and epidemiology of malaria to a world class research institute conducting multi-disciplinary research that spans molecular biology to health systems and policy research.

The KEMRI-Wellcome Research Programme (KWRP) seeks to invite applications from experienced person to fill the following position.

Research Officer - Data Management - (KWRP)

Reference Number:

RO-DM-Beginnings Fund-03-2026

Employment Type:

Full time

Category:

Population and Health Impact Surveillance Group (PHISG KWRP)

Country:

Kenya

Location:

Nairobi

JOB PURPOSE:

Own the cross-country data engineering and management pipeline for all core datasets (NID, Maternal Core, HFRA, QI), ensuring completeness, metadata integrity, and secure governance in line with the federated model.

DESCRIPTION:

Reports to: Senior Statistician/Data Scientist (technical) and Research Lead (administrative).

Direct reports: None.

Indirect reports: None.

Budget and Resource Responsibility: None.

KEY RESPONSIBILITIES:

- i. Design/maintain extraction transform load (ETL) workflows, dictionaries, and validation rules; run routine DQ checks and produce facility DQ scorecards.
- ii. Coordinate encrypted transfers, access controls, and audit logs; support in country teams to execute central scripts locally.
- iii. Build analysis ready datasets and documentation (README, data schemas, provenance).
- iv. Manage the full data engineering pipeline across nine to ten countries, covering extraction, transformation, validation, documentation, and version control all study datasets.
- v. Implement and maintain data quality frameworks, including completeness, internal consistency, timeliness, audit trails, reconciliation checks, and facility feedback on data gaps.
- vi. Maintain secure country specific servers, encryption, anonymization processes, access control registries, and audit logs for compliance with national data laws.
- vii. Ensure correct execution of script based federated analysis workflows, supporting in country teams to run centrally developed code without exporting raw data.
- viii. Produce quarterly clean datasets, documentation packs, and harmonized structures ready for analysis (including wide/long reshaping, panel construction, facility period indexing).
- ix. Collaborate with analysts and statisticians to support data linkage, model preparation datasets, and metadata curation.

QUALIFICATIONS:

- i. Masters in Biostatistics/Health Informatics/Data Management.
- ii. At least 3 years working experience managing large routine health datasets and health facility assessments.

COMPETENCIES:

SQL/Python/R; data modelling; data quality frameworks; documentation; security best practice.

PHYSICAL ENVIRONMENT/CONDITIONS:

- i. Office based
- ii. Willingness to travel

Working hours:

Requires flexibility in the hours worked, with the priority being meeting the team's research goals.

APPLICATION PROCEDURE:

All applications for roles in KEMRI and its partners (including KWRP) are centrally applied for using https://www.kemri.go.ke/e-recruitment_portal. To apply for this post, you must register as a user. Log into your account, then proceed to the vacancies, view the post and click on the button: "Apply Now"

Applications which should include your CV, Cover letter, copies of certified academic certificates, testimonials and other relevant documents should be made through KEMRI Website

Successful candidates will be required to provide the following: Certificate of good conduct,

Higher Education Loans Board compliance certificate, KRA Tax compliance certificate, Ethics and Anti-Corruption Commission clearance.

Applicants are required to state their current/last salary.

Applicants are required to provide a valid email address and telephone number for communication regarding interview invitations. Only shortlisted applicants will be contacted. During the interview, shortlisted candidates must present the ORIGINALS of the following documents: National Identity Card or Passport, academic and professional certificates, academic transcripts, testimonials, a detailed curriculum vitae (CV), and a valid clearance certificate (Certificate of Good Conduct or its equivalent).

All the applications to be done through KEMRI Website https://www.kemri.go.ke/e-recruitment_portal on or before 27th May ,2026 by 12.00 p.m.

KEMRI IS AN EQUAL OPPORTUNITY EMPLOYER COMMITTED TO DIVERSITY; PERSONS WHO ARE ABLED DIFFERENTLY, WOMEN, YOUTH AND THOSE FROM MARGINALIZED AREAS ARE ENCOURAGED TO APPLY. DIRECT OR INDIRECT CANVASSING WILL LEAD TO AUTOMATIC DISQUALIFICATION. KEMRI DOES NOT CHARGE A FEE AT ANY STAGE OF ITS RECRUITMENT PROCESS INCLUDING APPLICATION, INTERVIEW AND PROCESSING OF OFFER LETTER. IF ASKED FOR A FEE, REPORT SUCH REQUEST IMMEDIATELY.