In Search of Better Health

KENYA MEDICAL RESEARCH INSTITUTE

VACANCY ANNOUNCEMENT

Senior Data Manager - KEMRI - Wellcome Research Programme

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 Program works across 3 main hubs in Kenya (Nairobi and Kilifi) based at the KEMRI Centre for Geographical Medicine Research- Coast Kilifi and Uganda (Mbale) with an international network of collaborating sites.

Reference Number: KWTRP26/SDM-KLF/0014
Job Title: Senior Data Manager
Department: Clinical Department
Location: Kilifi Office
Duration: Two (2) Year, renewable subject to availability of funds and performance

REPORTING RELATIONSHIPS:
Reports to: Senior Project Manager
Direct and indirect reportees: Data Supervisors

BUDGET AND RESOURCE RESPONSIBILITY:
Financial: None
Budgeting and Planning: Responsibility for ICT hardware and software.

JOB PURPOSE:

The Senior Data Manager is responsible for the end-to-end leadership of data management, analytics, and data systems operations supporting high-impact clinical trials and observational research in child health across an international, multi-site network.

The role ensures the integrity, availability, security, and analytical value of research data, in compliance with Good Clinical Practice (GCP), Good Clinical Laboratory Practice (GCLP), and General Data Protection Regulations (GDPR). The post holder provides senior technical leadership across data quality, statistical analytical support, clinical data systems, and DevOps-style system management, enabling reliable evidence generation for decision-making and scientific output.

The role is expected to lead and coordinate a team of data managers to develop databases using freely available non-proprietary software; develop scripts for data query resolution and data cleaning; and develop, maintain, and update scripts for reporting of data.

JOB DIMENSIONS:

The CHAIN Network operates a harmonised research platform across multiple sites in Africa and Asia.

This role carries high accountability for:

- Data quality and completeness across studies
- Reliability and scalability of data collection and reporting systems
- Secure storage, access control, and auditability of research data
- Coordination of analytics and systems activities across geographically distributed teams

The role is technically and cognitively demanding, requiring the ability to work largely unsupervised, manage competing priorities, and communicate effectively with international collaborators, scientists, statisticians, IT teams, and site staff.

The post holder will work closely with the study statistician, IT team and our international partners to provide statistical and data management support for the entire network.

KEY RESPONSIBILITIES:

I. Leading the development and implementation of data management processes, standards, and governance frameworks to ensure compliance with research, ethical, and regulatory requirements.
II. Overseeing the design, maintenance, and continuous improvement of data collection systems, databases, reporting tools, and data visualisation platforms.
III. Supporting data analysis, study monitoring, and reporting by providing high-quality datasets, analytical outputs, and data insights to researchers and programme leadership.
IV. Driving the automation, integration, and optimisation of data workflows to improve efficiency, data quality, and system performance across multiple study sites.
V. Providing technical leadership, mentorship, and capacity building for data management teams and strengthening data management practices across the network.
VI. Coordinating data and systems activities with researchers, statisticians, IT teams, and external collaborators to ensure effective delivery of study objectives.

VII. Supporting scientific publications, presentations, grant development, and dissemination activities by ensuring the accuracy, reproducibility, and integrity of research data.
VIII. Managing research data sharing and repository activities to promote responsible data stewardship and facilitate access to high-quality datasets for research and collaboration.
IX. Contributing to the strategic development of innovative data solutions that enhance research operations and support evidence-based decision making.

QUALIFICATIONS:

The successful applicant will have:

I. Minimum Master's Degree in Data Management /Information Science/Statistics or Computer Science with relevant Bachelor's Degree in either Mathematics/Statistics or Computer Science from an accredited University
II. Minimum five (5) Years' experience with three (3) Years' experience at Supervisory level in a research or health institution.
III. Proficiency in one or more data analysis or programming tools such as R, Python, or Stata
IV. Experience managing RDMS such as MySQL including optimization and back-up.
V. Experience in using LINUX, MySQL and version control using Git
VI. Experience using electronic data collection or research data systems preferably REDCap, ODK, openClinica and openMRS.

DESIRABLES

I. Experience supporting clinical research, public health programmes, or multi-site studies.

BEHAVIOURAL COMPETENCIES:

I. Demonstrated high levels of integrity and confidentiality
II. Excellent interpersonal, verbal and written communication skills
III. Ability to work with diverse, multidisciplinary teams and build strong relationships with internal and external collaborators
IV. Excellent analytical skills and ability to deliver quality outputs within strict timelines.
V. Strong team management and decision-making skills

PHYSICAL ENVIRONMENT/CONDITIONS:

The postholder will be expected to work flexibly, including regular travel outside of working hours out of Nairobi to visit project sites for training, oversight, clinical reviews and troubleshooting

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 -

E-Recruitment Portal on or before **6th December,2026** by 5.00 p.m.

KEMRI IS AN EQUAL OPPORTUNITY EMPLOYER COMMITED 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.