



In Search of Better Health

KENYA MEDICAL RESEARCH INSTITUTE

VACANCY ANNOUNCEMENT

Early Post-Doctoral Researcher - Statistician (Beginning Fund Project) –Wellcome Research Programme (KWRP)

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." <http://www.kemri.go.ke>

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.

Early Post-Doctoral Researcher - Statistician (Beginning Fund Project) - (KWRP)

Reference Number:

Early Post Doc-Beginnings Fund-04-2026

Employment Type:

Full time

Category:

Population and Health Impact Surveillance Group (PHISG KWRP)

Job Grade:

9.01

Country:

Kenya

Location:

Nairobi

JOB PURPOSE:

To support the design, implementation, and integration of quantitative analyses within a multi-country evaluation Programme. The post-holder will contribute to statistical and epidemiological analyses, working closely with the qualitative team to ensure the coherent integration of quantitative evidence to communicate policy-relevant outputs.

DESCRIPTION:

Reports to: Principal Investigator / Qualitative Lead

Direct reports: Research Officer and Data manager (technical)

Indirect reports: None.

Budget and Resource Responsibility: None.

KEY RESPONSIBILITIES:

- Support the development and implementation of statistical and epidemiological analyses aligned to the project's research questions.
- Contribute to the preparation of statistical analysis plans, including variable definition, model specification, and analytical approaches appropriate for mixed-methods research.
- Conduct data management, cleaning, and preparation, ensuring high standards of data quality, documentation, and reproducibility.
- Track, document, and resolve data management queries in collaboration with data management and field teams, ensuring timely clarification of data issues.
- Implement and support routine data quality checks, including consistency checks, validation routines, and flagging of anomalies across datasets.
- Work closely with the Qualitative Lead to support integration of quantitative and qualitative findings, including triangulation and interpretation.
- Develop and maintain reproducible analytical workflows (R/Stata/Python), including well-documented code, outputs, and version control practices.
- Contribute to the development of simple, user-friendly analytical tools or summaries (e.g., dashboards, scripts, visualisations) to support interpretation and dissemination of findings.
- Participate in internal and external collaborations with multidisciplinary teams, including epidemiologists, social scientists, and policy stakeholders.
- Support manuscript writing, report development, and preparation of policy-relevant outputs, including contributing to peer-reviewed publications.
- Contribute to capacity strengthening activities, including supporting junior researchers, students, or research assistants where appropriate.
- Ensure compliance with all relevant ethical, regulatory, and data governance requirements throughout the research process.

QUALIFICATIONS:

The successful applicant will have:

- PhD in Statistics, Biostatistics, Mathematics, Epidemiology, or a related quantitative field.
- Post-doctoral or equivalent research experience in statistical or epidemiological analysis.
- Demonstrated experience in analysing health or population data.
- Experience with reproducible research practices and statistical programming (R, Stata, or Python)

Desirable Criteria:

- Experience working in multidisciplinary or mixed-methods research teams.

COMPETENCIES:

- Strong analytical and quantitative reasoning skills.
- Experience with data quality assurance processes and query management workflows.
- Ability to translate complex analyses into clear, policy-relevant insights.
- Competence in statistical programming and data management.
- Strong written and verbal communication skills.
- Ability to work collaboratively within multidisciplinary teams.
- Strong attention to detail in data validation and documentation.
- High levels of integrity, professionalism, and attention to detail.
- Ability to manage tasks and deliver outputs within defined timelines.

PHYSICAL ENVIRONMENT/CONDITIONS:

- Office based
- 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 [KEMRI e-recruitment portal](#). To apply for this post, you must therefore register as a user using the link below. Log into your account, then proceed to the vacancies, view the post and click on the button: **"Apply for this job"**

Applications which should include your CV, Cover letter, copies of certified academic certificates, testimonials and other relevant documents should be made through [KEMRI e-recruitment portal](#) on or before **16th June,2026** at the latest 5:00 pm.

All applicants are required to state their current/last salary.

Candidates 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).

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.