Vacancy No. CGHR/216/10/21

Program description: The Kenya Medical Research Institute (KEMRI), through the Centre for Global Health Research Family Health Unit (FHU) has a position in the statistics section. The FHU encompasses various studies focusing on family health among them, the Child Health and Mortality Prevention Surveillance Network (CHAMPS) program; Several Pregnancy (pre and post Natal) surveillance studies; COVID-19 related studies and maternal child health implementation studies.

The project seeks to fill the following position.

Position: Statistician KMR 5 (1 position)

Location: Kisumu

Duration: One (1) year with a possibility of extension

Reporting to: Work closely with the Study PIs and the Principal Statistician in the unit

Minimum Requirements

- A Master’s Degree in Statistics, Biostatistics or Health Informatics
- At least 4 years’ experience in similar position with demonstrated research experience, in the health/medical research
- Excellent computer skills and familiarity with one or more statistical packages (including Stata, R or SAS)
- Knowledge of any SQL-compliant DBMS (e.g. MS-Access, MS-SQL, MySQL Postgres, Oracle, DB2 etc); exposure to GIS analysis an advantage
- Proficiency with statistical and data management procedures (data cleaning, manipulation, summarization, tables, listings, graphics, and inferential statistical output), and report generation.
- Knowledge of Machine learning and Artificial Intelligence
- Knowledge and training in epidemiology
- MUST have contributed to 1-3 publications of which at least 1 s/he is the first author

Skills and Abilities

- Good analytical ability, planning and organisational skills
- Attentive to detail with the capacity to work with/ follow laid down processes and procedures
- Ability to work independently/ with minimum supervision and within stipulated deadlines and schedules
- Confidentiality and integrity
Excellent interpersonal and communication skills
Team working and ability to work in a multi-cultural environment

**Job description:** Provide statistical support and data management oversight for ongoing studies in the Family Health Unit. The successful candidate will work with the Principal Statistician, Data Management team, Study Coordinators and the Principal Investigators in planning for data analysis, setting up of analytical datasets, help junior staff carry out analysis using the appropriate tools and technique; guide data validation and cleaning process; and finally analysing the data. The holder of this position shall be based at the KEMRI-CGHR

**Duties and Responsibilities**

- Developing study analysis plans and inputting into data management plans
- Guide database development for study data management
- Overseeing data entry, conducting routine data checks, resolving queries and generating reports.
- Liaising with trial and data managers and programmers about data quality and missing data, verifying data accuracy and validity. Scheduling and preparing progress reports and/or analyses for independent Data Monitoring Committees, Steering Committees, and publications.
- Actively interrogating the data for discrepancies, errors, and missing data, in order to verify the accuracy and validity of the data. Reporting and liaising with study investigators, data clerks, data managers and programmers on the quality of the data and resolving any errors according to the study protocol.
- Discussing and interpreting results with colleagues and collaborators in the trials/studies.
- Ensuring deadlines and project milestones relating to data and analyses are met, coordinating with other members of staff and external collaborators as necessary
- Support the production of summary tables and graphics for interim and final analyses
- Preparing and depositing research data and documentation for curation and archiving
- Ensuring that all study data processes complies with the appropriate data protection regulations

**Terms of Employment:** One (1) year renewable contract as per KEMRI scheme of service and a probation period for the first 3 months.

**Remuneration:** Compensation is as per the stated salary scale, which is based on academic level, relevant experience and demonstrated competency.

**Application Documents**

- Letter of application (Include vacancy)
- Most current CV with names of at least 2 referees
- Copies of academic and professional certificates
- Copy of Certificate of good conduct
- KRA Certificate of Tax compliance
Applications are due no later than: November 22, 2021

Interested candidates who meet the above criteria are encouraged to apply to: The Deputy Director, CGHR, P. O. Box 1578-40100, Kisumu or submit via email address cghr@kemri.org. Indicate the vacancy number in the subject headline

KEMRI IS AN EQUAL OPPORTUNITY EMPLOYER; WOMEN AND DISABLED PERSONS ARE ENCOURAGED TO APPLY. KEMRI DOES NOT CHARGE A FEE AT ANY STAGE OF ITS SELECTION PROCESS INCLUDING APPLICATION, INTERVIEW MEETING, AND PROCESSING OF OFFER LETTER. IF ASKED FOR A FEE, REPORT SUCH REQUEST IMMEDIATELY TO RELEVANT AUTHORITY

Only shortlisted candidates will be contacted