



## UNIVERSITY OF NAIROBI

### EXTERNAL JOB VACANCIES (PROJECT POSITION)

Applications are invited for the following position:

#### **STATISTICIAN - CENTER FOR EPIDEMIOLOGICAL MODELLING AND ANALYSIS (CEMA) – AD/12/299/23, 1 POST**

##### **The Position Description**

The Center for Epidemiological Modelling and Analysis (CEMA) at the University of Nairobi is looking to appoint a **Statistician** with passion and skills in data analysis.

##### **About CEMA**

The Center for Epidemiological Modelling and Analysis (CEMA) is a Center of Excellence at the University of Nairobi committed to using data-driven approaches to guide the control of infectious diseases and improve public health in Kenya and the African continent.

Established in 2020, CEMA has played a critical role in the use of applied epidemiological modelling and analytics including on COVID-19 (to guide responses to the pandemic in Kenya and the continent); Neglected Tropical Diseases (to catalyse their control and elimination); delivery of essential health services (to guide their maintenance during health emergencies); and in training in quantitative skills needed to manage and analyze health data to address priority public health questions in the region. CEMA receives support from the Bill and Melinda Gates Foundation.

**Duty Station:** Center for Epidemiological Modelling and Analysis, located in the University of Nairobi Institute of Tropical and Infectious Diseases, Nairobi, Kenya.

**Reporting to:** CEMA Co-Directors

##### **Position Responsibilities**

- i) Working with the Co-Directors to determine the correct data to collect for projects and how this should be gathered
- ii) Perform advanced statistical analysis of data
- iii) Actively interrogate data for discrepancies, errors, and missing data, to verify accuracy and validity
- iv) Assist in training other staff members on data analysis
- v) Participate in scientific writing
- vi) Contribute to the writing of technical reports

##### **Job Specifications, Applicants shall have:**

- i) Bachelor's degree in Statistics or Biostatistics
- ii) Master's degree in Applied Statistics, Biostatistics, or Mathematics
- iii) At least 5 years' experience in high level quantitative skills - managing, analyzing and interpreting data using techniques such as multivariate, multilevel and or longitudinal analysis

- iv) Excellent computer skills and familiarity with one or more statistical packages (including R, Stata, SPSS or SAS). Competency in R statistical software will be an added advantage
- v) Solid understanding of research and statistical methods, and data ethics
- vi) Strong analytical skills with the ability to collect, organize, analyze, and interpret results with attention to detail and accuracy
- vii) Evidence of publication in an indexed peer reviewed health journal within the past 3 years. Publication as a lead author will be an added advantage
- viii) Excellent communication (written and spoken) and interpersonal skills

### **Terms of Appointment**

The appointment will be on a one (1) year contract, renewable subject to performance and availability of funds. The successful candidate will enjoy a competitive salary based on their qualifications and experience. In addition to a fulfilling and challenging role, they will receive a comprehensive benefits package, including health insurance, leave allowance, and opportunities for professional development.

### **NOTES**

1. Applicants should email their application letters, certified copies of certificates and curriculum vitae (CV) giving details of their qualifications, experience and three (3) referees, as well as indicating their telephone and e-mail contacts.
2. Applications and related documents should be addressed to the Director, Human Resource, University of Nairobi.
3. Applicants should state their current designations, salaries and other benefits attached to those designations.
4. The application letter must bear the reference code indicated in the advertisement.
5. Late applications will not be considered.
6. Applications should be emailed as one file in PDF to: [recruit-staan@uonbi.ac.ke](mailto:recruit-staan@uonbi.ac.ke)

**CLOSING DATE: THURSDAY, DECEMBER 21, 2023**

**THE UNIVERSITY OF NAIROBI IS AN EQUAL OPPORTUNITY EMPLOYER  
ONLY SHORTLISTED APPLICANTS WILL BE CONTACTED**