



UNIVERSITY OF NAIROBI

EXTERNAL JOB VACANCIES (PROJECT POSITION)

Applications are invited for the following position:

SCIENTIFIC MANAGER - CENTER FOR EPIDEMIOLOGICAL MODELLING AND ANALYSIS (CEMA) INSTITUTE OF TROPICAL AND INFECTIOUS DISEASES (UNITID) – AD/3/15/23, 1 POST

The Position Description

The position of a **Scientific Manager** at the Center for Epidemiological Modelling and Analysis (CEMA); University of Nairobi offers an exciting opportunity for a highly driven individual with specialist knowledge in health, data analytics and modelling, and interest in administration of scientific projects.

At CEMA, the person appointed will contribute to growing the international profile of the center in improving the speed and quality of health decisions through insights from data, active and impactful engagement with policy and the public, while producing high quality publications, providing rigorous training of the next generation of data scientists and being responsive to the societal health needs that can be solved through data science.

About CEMA

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 core support from the Bill and Melinda Gates Foundation.

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

Reporting to: CEMA Co-Directors

Responsibilities

1. Plan, review, provide technical assistance and guide implementation of CEMA's projects in priority thematic areas including health information systems; disease surveillance and response; immunization; maternal and child health, neglected tropical diseases, malaria, antimicrobial resistance, and any other areas that CEMA may be involved in.
2. In consultation with the principle investigators, determine scientific or technical goals as per project scope and make detailed plans to accomplish these goals.
3. In coordination with the Program Administrative Manager, develop and implement policies, or procedures for CEMA's scientific, or technical work to enhance operations and ensure compliance
4. Support in identification of funding sources, and preparation of funding proposals

5. Write scientific manuscripts in collaboration with the CEMA science and technical teams
6. Coordinate the CEMA's fellowship and mentoring programs.
7. Contribute to the development and facilitation of modular courses and training materials offered at CEMA.
8. Support the statistical and epidemiological analysis
9. Participate in and contribute to research group meetings with the Thematic Principal Investigators and program collaborators
10. Make presentations at professional meetings to further knowledge and learning and in policy forums to enhance uptake of insights from CEMA's work for impact
11. Contribute to the strengthening of collaborations with CEMA's stakeholders

Requirements

- i) A Bachelor of Medicine and Bachelor of Surgery (MBChB), BSc in Pharmacy, BSc in Nursing, Bachelor of Dental Surgery, Bachelor of Veterinary Medicine and Surgery, or a health-related degree.
- ii) A Master's degree in Epidemiology, Public Health, Data Science or Statistics, or a quantitative degree.
- iii) A PhD in Epidemiology, Public Health or a quantitative subject is desirable and will be an added advantage
- iv) Demonstrated experience in managing research projects for at least (2) years, writing project reports, and facilitating collaborative and productive partnerships between research partners
- v) Experience in writing scientific grants and peer reviewed manuscripts
- vi) Experience in working with health data, drawing insights from data analytics and modelling, and communicating results to inform health programming and policies.
- vii) Excellent interpersonal skills with the ability to work both independently and as a team member
- viii) Excellent written and verbal communication skills
- ix) Ability to work under pressure with tight deadlines

Terms of Appointment

This is a position whose tenure is a one (1) year contract, renewable based on performance and by mutual consent. The remuneration is negotiable to reflect the level of education and work experience.

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-sm@uonbi.ac.ke

CLOSING DATE: TUESDAY, MARCH 28, 2023

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