



UNIVERSITY OF NAIROBI

EXTERNAL JOB VACANCIES (PROJECT POSITION)

Applications are invited for the following position:

SENIOR RESEARCH FELLOW (HEALTH ECONOMICS) - CENTER FOR EPIDEMIOLOGICAL MODELLING AND ANALYSIS – AD/10/44/2025, 1 POST

The Project

CEMA, a Center of Excellence at the University of Nairobi established in 2020, unites experts from multiple disciplines to use data-driven approaches in tackling infectious diseases and improving public health in Africa. It has guided responses to COVID-19 and other outbreaks, advanced disease control efforts, and strengthened capacity in health data analysis with support from major global funders such as the Gates Foundation, CEPI, and the Wellcome Trust. This is a 24-month, multi-site study on infectious diseases, funded by the Coalition for Epidemic Preparedness Innovations (CEPI).

The Position

The Center for Epidemiological Modelling and Analysis (CEMA) at the University of Nairobi seeks to recruit a Senior Research Fellow (Health Economics) to lead and contribute to the use of economic evidence in health policy and financing decisions. The role involves conducting cost-effectiveness and budget impact analyses of health interventions, supporting national health financing strategies, promoting evidence-based resource allocation, and engaging policymakers to translate research into practice.

The Senior Research Fellow (Health Economics) will be based at CEMA, University of Nairobi Institute of Tropical and Infectious Diseases in Nairobi, Kenya, and will report to the CEMA Co-Directors.

Duties and Responsibilities

- a) Collect and organize health financing data to inform economic evaluation of CEMA-supported health interventions and modeling projects
- b) Perform preliminary analyses of health expenditure by disease area, population group, and service delivery factors to support cost-effectiveness and budget impact assessments
- c) Produce visualizations and summary tables to aid economic modeling and policy engagement
- d) Initiate report writing to consolidate findings and inform technical outputs
- e) Develop technical guidelines on appropriate health economic evaluation methodologies (e.g., costing, cost-effectiveness analysis, budget impact analysis) tailored to CEMA-supported initiatives
- f) Deliver targeted training sessions for CEMA researchers and policy stakeholders on applying economic evidence to health technology assessments and financing reforms
- g) Provide strategic input to strengthen CEMA's health economics research agenda, including alignment with national health financing priorities and global best practices

- h) Advise on the integration of economic evaluation approaches across CEMA projects to enhance policy relevance and sustainability

Job Specification

- a) PhD in Economics, Health Economics, or a related field, with advanced training at Masters Level or above in health systems, health financing, or health policy.
- b) A minimum of 10 years of progressive experience in health economics, health policy, and health financing.
- c) Expertise in health financing analysis, including costing, cost-effectiveness, budget impact, and policy evaluation.
- d) Proven experience in designing and implementing economic evaluation methodologies and tools across different levels of the health system.
- e) Demonstrated experience in managing multidisciplinary teams and engaging with government, development partners, and implementing agencies particularly in the Kenyan context.
- f) Active involvement in national policy processes, including contributions to health strategies and legislation.
- g) Strong communication skills, with a record of presenting technical outputs to diverse audiences, including international forums.
- h) Excellent writing skills, including experience in developing reports and policy briefs.
- i) Strong stakeholder coordination and interpersonal skills.
- j) Strategic thinker with the ability to align research and technical work with national priorities and global best practices.

Terms of Appointment

The appointment will be for 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: recruitsrfhecema@uonbi.ac.ke

CLOSING DATE: OCTOBER 20 2025

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