

Catherine Magawa

Epidemiologist & Biostatistician

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PROFILE

Final-year Epidemiology & Biostatistics graduate (USIU-Africa, Class of 2026). Experienced across disease surveillance, official statistics and end-to-end research. Certified in Event-Based Surveillance (EBS) and Integrated Disease Surveillance and Response (IDSR); proficient in R. Passionate about translating data and surveillance signals into evidence people can act on. Open to public health / epidemiology / health-data roles worldwide.

EXPERIENCE

Research Collaborator, Infectious Disease Research

KUTRRH | 2026 - Present

Contributing to a multidisciplinary research team generating evidence for disease prevention, surveillance and public health decision-making.

Public Relations Officer, Epidemiology & Biostatistics

USIU-Africa | 09/2025 - 09/2026

Communicated public health data to diverse audiences, translating technical findings into clear messages and supporting awareness campaigns with data insights.

Public Health Intern, Disease Surveillance

KUTRRH | 2025

Disease surveillance, epidemiological investigations, data management and public health reporting.

Statistics Intern

Kenya National Bureau of Statistics (KNBS) | 2025

Official statistics, survey methodology, census processes, data quality assurance and production of national statistics.

Public Health Intern, Surveillance & Disease Control

Ministry of Health (MOH), Kenya | 2025

Supported public health surveillance, disease monitoring, health information management and disease control programmes.

FEATURED RESEARCH

Prevalence and Determinants of Self-Medication Practice Among Undergraduate Students

USIU-Africa | Undergraduate

Designed and led the project end-to-end: proposal, data collection tools, analysis in R, interpretation and scientific write-up.

EDUCATION

BSc, Epidemiology & Biostatistics

USIU-Africa, Nairobi | 2022 - 2026

Regression modelling | Research methods in health | Monitoring & evaluation of health.

CERTIFICATIONS

Event-Based Surveillance (EBS) - Integrated Disease Surveillance and Response (IDSR)

SKILLS

Study & survey design | Statistical analysis in R | Data cleaning & management | Scientific report writing | Disease surveillance (EBS, IDSR) | Outbreak investigation | Official statistics & census methods | Health information management | Public health communication | Team & project coordination