

CURRICULUM VITAE

Wangwe Emma

Public Health Specialist | Epidemiology & Biostatistics
Senior Graduate Fellow – Public Health

Email: emmawangwe24@gmail.com | ewangwe.gf@busitema.ac.ug

Phone: +256 785 737 653 | +256 700 402 943

Nationality: Ugandan

1. PROFESSIONAL PROFILE

Wangwe Emma is a public health specialist with interdisciplinary training in epidemiology, biostatistics, and clinical medicine. He holds a Master of Science in Public Health Epidemiology and Biostatistics from [ISBAT University](#), a Bachelor of Public Health from [Cavendish University Uganda](#), and a Diploma in Clinical Medicine and Community Health from Mbale School of Clinical Officers.

He currently serves as Senior Graduate Fellow in Public Health at the Department of Community & Public Health, at the Faculty of Health Sciences, Busitema University, where he is involved in teaching, development of on-line courses and institutional materials, setting, invigilating and marking assignments, course works and exams, research grants writing, research proposal and manuscript development, mentors graduate students in research design, statistical analysis, and scientific writing.

His academic and professional work integrates epidemiological research, community health systems strengthening, and disease surveillance. He has led and implemented public health programs addressing sanitation, disease prevention, and community health promotion in partnership with organizations such as Fields of Life and Compassion International.

His research interests include epidemiology, surveillance systems, rational medicine use, antimicrobial resistance, and strengthening health systems in low-resource settings.

2. EDUCATION

Master of Science Public Health (MPH) – Epidemiology and Biostatistics

ISBAT University | 2024

CGPA: **4.47 / 5.0 (First Class)**

Dissertation: **Prevalence and Determinants of Self-Medication in Busolwe Town Council, Eastern Uganda**

Bachelor of Public Health (BPH)

Cavendish University Uganda | 2022

CGPA: **4.72 / 5.0 (First Class Honours)**

Research: Knowledge, Attitude and Awareness of COVID-19 among Patients Attending Busolwe General Hospital.

Diploma in Clinical Medicine and Community Health (DCM)

Mbale School of Clinical Officers | 2016

Research: Prevalence of Cervical Cancer in Mbale Municipality Health Facilities.

3. CURRENT ACADEMIC APPOINTMENT

Senior Graduate Fellow – Public Health

Faculty of Health Sciences, Busitema University

October 2025 – Present

Responsibilities

- Teaching, development of on-line courses and Institutional materials
 - Setting, invigilating and marking assignments, course works and exams
 - Research grants writing, research proposal and manuscript development.
-

4. PROFESSIONAL EXPERIENCE

Project Officer – Community-Led Total Sanitation (CLTS)

ALBOH Uganda / Fields of Life

April 2025 – October 2025

Responsibilities

- Implemented sanitation and hygiene interventions to prevent disease transmission
 - Trained Village Health Teams on sanitation and disease prevention
 - Conducted community health surveillance and reporting
 - Strengthened community health systems through preventive interventions
-

Healthcare Administrator / Medical Clinical Officer

Buwasunguyi Health Centre II

April 2024 – August 2024

Responsibilities

- Strengthened health information systems and facility reporting
 - Participated in disease surveillance and public health reporting
 - Supervised immunization and preventive health programs
 - Provided clinical care and disease management
-

Project Director / Health Officer

Compassion International – Busolwe Child Development Centre

February 2018 – March 2024

Responsibilities

- Led integrated health programs serving over **2,500 beneficiaries**
 - Implemented disease prevention and community health promotion initiatives
 - Strengthened community-based health systems
 - Monitored health outcomes and program effectiveness
-

5. TEACHING EXPERIENCE

Courses Taught / Facilitated

- Principles of Epidemiology
- Biostatistics for Public Health
- Research Methods in Public Health
- Disease Surveillance and Outbreak Investigation
- Communicable and non-communicable diseases prevention and control

Institution: Busitema University

6. RESEARCH EXPERIENCE

MPH Dissertation

Prevalence and Determinants of Self-Medication in Busolwe Town Council

Key competencies developed:

- Epidemiological study design
 - Statistical analysis and interpretation
 - Surveillance data analysis
 - Public health policy implications
-

Previous Research

Bachelor of Public Health Research

Knowledge, Attitude and Awareness of COVID-19 among Patients at Busolwe General Hospital

Diploma Research

Prevalence of Cervical Cancer in Mbale Municipality Health Facilities

7. PROFESSIONAL REGISTRATION

Registered Public Health Officer

Registration No: **30351**

Status: **Active (2026)**

Registered Medical Clinical Officer

Uganda Allied Health Professionals Council

8. RESEARCH INTERESTS

- Epidemiology
 - Biostatistics
 - Disease surveillance systems
 - Rational medicine use
 - Antimicrobial resistance
 - Community health systems strengthening
 - Health policy and systems research
-

9. PROFESSIONAL SKILLS

- Epidemiological study design
 - Statistical analysis (SPSS, STATA concepts)
 - Health data interpretation
 - Public health surveillance
 - Community health program implementation
 - Scientific writing and research reporting
-

10. PROFESSIONAL MEMBERSHIP

Uganda Allied Health Professionals Council

11. REFEREES

Available upon request.
