

**KENNEDY GYAU BOAHEN, Ph.D. – CV**

Department of Clinical Microbiology

Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana

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**PERSONAL DETAILS**

Surname: Boahen  
Middle name: Kennedy Gyau  
Date of birth: 18.09.85  
Nationality: Ghanaian  
Gender: Male  
Marital Status: Married

**EDUCATION**

- 2015 - 2019 Doctor of Philosophy in Clinical Microbiology, Kwame Nkrumah University of Science and Technology, Ghana  
**Thesis:** Molecular characterization and antimicrobial resistance mechanisms of chicken meat-associated *Salmonella enterica*, *Campylobacter* spp., *Arcobacter* spp., and Extended-Spectrum Betalactamase- producing *Escherichia coli* and *Klebsiella pneumoniae* in Kumasi, Ghana.
- 2012 - 2015 Master of Philosophy in Clinical Microbiology, Kwame Nkrumah University of Science and Technology Ghana  
**Thesis:** “Serotype distribution of *Streptococcus pneumoniae* in Agogo, Asante – Akim North and their antimicrobial susceptibility patterns”
- 2005 - 2009 Bachelor of Science in Biological Sciences, Kwame Nkrumah University of Science and Technology Ghana

**PROFESSIONAL EXPERIENCE**

- Since 2020 Lecturer, Kwame Nkrumah University of Science and Technology, Kumasi Ghana, Department of Clinical Microbiology
- Since 2020 Clinical Microbiologist, Severe Typhoid Surveillance Africa, KNUST
- Jan - Dec 2020 Lecturer, Garden City University College, Kumasi Ghana, Department of Medical Laboratory Technology.
- 2018 – 2019 Biomedical Scientist, Meningitis surveillance in second cycle school in Kumasi study, KCCR

- Since 2018 Technical consultant, Secondary bacterial infection in lymphatic edema study (SECBILE), KCCR
- Since 2018 Technical consultant, Center for Health System Strengthening, Ghana, KNUST
- 2016 - 2019 Biomedical Scientist for meningitis outbreaks in Ghana, KCCR
- 2016 - 2017 Biomedical Scientist for Wound infections, Cryptosporidium transmission, and ESBL-producing bacteria studies in Ghana, KCCR
- 2016 - 2017 Biomedical Scientist for the Infectious Diseases Epidemiology Group, KCCR
- 2013 - 2015 Biomedical Scientist for Fever Without Source (FWS) study, KCCR
- 2014 - 2015 Biomedical Scientist for Methicillin-Resistant *S. aureus* epidemiology in rural Ghana, KCCR
- 2010 - 2012 Biomedical Scientist for several studies on causes of Childhood Fever and Typhoid Fever Surveillance in two study sites, KCCR

### CONFERENCE PRESENTATIONS

- 30<sup>th</sup> July to 1<sup>st</sup> Aug 2019 **Poster:** Bloodstream infection with *Acinetobacter baumannii* in a *Plasmodium falciparum* positive infant. – A case report from Ghana. KNUST, Ghana.
- At the Convention of Biomedical Research Ghana Conference, KUNST
- 30<sup>th</sup> July to 1<sup>st</sup> Aug 2014 **Poster:** “Serotype distribution of *Streptococcus pneumoniae* in Agogo, Asante – Akim North and their antimicrobial susceptibility patterns”, Cape Coast Ghana.
- At the Convention of Biomedical Research Ghana Conference, University of Cape Coast

### TEACHING AND TRAINING/WORKSHOPS FACILITATED

- Since 2018 Teaching and training of staff of Ghana Public Health Laboratories on isolation and identification of selected pathogens, Tamale, KCCR, Sekondi
- 24<sup>th</sup> to 29<sup>th</sup> Sept 2018 Training of staff of SECBILE study and Public Health laboratories on the uses of API systems, KCCR
- 1<sup>st</sup> to 12<sup>th</sup> Oct 2018 Training of laboratory personnel from Burkina Faso on Antimicrobial Surveillance Systems, KCCR
- 23<sup>rd</sup> to 27<sup>th</sup> Sept 2019 Teaching and training of staff of Ghana Veterinary laboratories on detection, identification, and antimicrobial susceptibility testing on animal samples, KCCR

23<sup>rd</sup> to 26<sup>th</sup> Aug 2019                      Workshop on antimicrobial susceptibility testing for the staff of the Kumasi Public Health Laboratory, KCCR

## PROFESSIONAL AFFILIATIONS

**Member:**            Convention of Biomedical Research Ghana

**Member:**            Allied Health Professional Council, Ghana

## WORKSHOPS/TRAINING ATTENDED

12<sup>th</sup> Jun - 17<sup>th</sup> Jun 2019                      Antimicrobial susceptibility surveillance systems training, KCCR

15<sup>th</sup> November 2018                          Introduction to the use of the CytoFLEXS

22<sup>nd</sup> Jan-2<sup>nd</sup> Feb 2018                        Malaria Microscopy Training, KCCR

13<sup>th</sup> – 16<sup>th</sup> Nov 2017                        Basic Epidemiology with STATA Short Course, KCCR

26<sup>th</sup> – 30<sup>th</sup> July 2017                        Training on Proposal Writing and Small Grant Program, GHS/USAID

4<sup>th</sup> July 2017                                  Research protocol development workshop, USAID

19<sup>th</sup> - 20<sup>th</sup> June 2017                        Research project management and contract negotiation workshop, USAID

27<sup>th</sup> - 28<sup>th</sup> Feb 2017                        Knowledge Management and Knowledge Translation Workshop, USAID.

13<sup>th</sup> - 14<sup>th</sup> Nov 2014                        H3BioNet KNUST/KCCR Node Bioinformatics Workshop on Sequence Analysis: Patterns, Similarities, and Difference Discover from Genomic Data.

6<sup>th</sup> May 2014                                  Training on "Proposal Writing for Research Funds", Office of Grant and Research, KNUST.

April-July 2013                              Training on Serotyping of *Streptococcus pneumoniae*, Bernhard Nocht Institute for Tropical Medicine, Hamburg, Germany

28<sup>th</sup> Mar - 1<sup>st</sup> Apr 2011                      Young Scholar Training Course on Communicable Diseases in Sub-Saharan Africa, VW Foundation

28<sup>th</sup> Feb - 4<sup>th</sup> Ma 2011                      Molecular Biology in Parasitology, Bernhard Nocht Institute for Tropical Medicine, organized at KCCR

March 2009                                  ISO 22000- Hazard Analysis and Critical Control Points- HACCP, JPRID Company, and the Biochemistry Department, KNUST.

September 2008                              Building the Holistic Graduate, National Union of Ghana Students, KNUST

## **POSITIONS HELD**

- 2013 - 2019                      Organizer for Students Journal Club, Kumasi Centre for Collaborative Research, Ghana
- 2008 – 2009                      Treasurer and Financial Secretary, Biological Science Students' Association, KNUST

## **AWARDS**

- April 2010                      Outstanding Student Executive for the 2008/2009 Academic Year, Biological Science Students Association, KNUST

## **ADDITIONAL SKILLS**

Teaching and Research  
Excellent communication skills; both written and spoken  
A good interpersonal working relationship  
Attention to detail  
Ability to work under pressure with little or no supervision  
Passion for excellence  
Team player  
Good report writing and oral presentation abilities

## **LANGUAGES**

English and Twi

## **HOBBIES**

Football, Reading, Music, and Drawing

**REFEREES**

**Prof. Ellis Owusu-Dabo**

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