

# Hillary Anumu Mensah

Public Health Unit, Korle Bu Teaching Hospital, Box 77 Korle Bu, Accra.

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## Personal Profile Statement

A self-motivated, adaptable, and reliable Statistics graduate with a solid research background, industry experience, and a teaching portfolio. I am seeking to develop my career which combines teaching and research while maintaining my interest in industry engagement with data analytics. I have previously worked in the Accident and Emergency Department where the environment is most challenging and requires the spur decision making. I maintained a methodical, client-centered approach to work and a strong drive to see things well done to their completion. In my current job, I have worked with my supervisor to create database records to facilitate the input of data in the facility.

## Education

**Kwame Nkrumah University of Science and Technology (2014 -2016)**

**BSc. Statistics (Hons) | 2<sup>nd</sup> Class Upper Division Degree |**

### ***Relevant Modules Include***

Linear Algebra, Statistical Computing and Data Analysis, Probability Theory and Statistics, Regression Models, Differential Equations, Calculus I & II, Advance Calculus, Sample Survey Theory, Stochastic Processes, Non-Parametric Statistics, Operations Research, Survival Analysis, Actuarial Statistics, Design and Analysis of Experiments, Time Series Analysis

### ***Dissertation***

Modeling the Risk Factors of Birth Asphyxia using Logistic Regression in Korle Bu Teaching Hospital (Neonatal Intensive Care Unit- NICU)

**Cape Coast Polytechnic (2009 – 2012)**

**HND Statistics | 1<sup>st</sup> Class Division Diploma |**

### ***Relevant Modules Include***

Elements of Mathematics, Statistical Methods, Probability Theory, Economics Theory, Sample Survey, Design and Analysis of Experiments, Calculus and Matrix Algebra, Statistical Computing, Multivariate Data Analysis, Operations Research, Actuarial Science, Survey Research Methods, Demography, Statistical Quality Control, Statistical Report Writing, Statistical Organization, and Operations.

## ***Dissertation***

Analysis of Infant Mortality in Ghana from 2005 to 2010

## **Kumasi High School (1997 – 2000)**

**SSSCE in General Science**

### ***Modules Include***

Biology, Elective Mathematics, Chemistry, Physics, Integrated Science, Social Studies, Core Mathematics, English Language

## **Most Holy Heart School (1995 -1997)**

**Basic Education Certificate Examination**

### ***Modules Include***

Integrated Science, Mathematics, Social Studies, Life Skills, Vocational Skills (Sewing and Basketry), Cultural Studies, Agricultural Science, English Language, French, Technical Drawing, and Technical Skills.

## **Teaching/Supervising Experience**

***Teaching Assistant, Cape Coast Technical University (Formerly Cape Coast Polytechnic) (2012 – 2013)***

Department of Mathematics and Computer Studies, Cape Coast

- Supervised Students in their course work.
- Assisting with program development and student assessment.
- Delivering teaching sessions on Statistical Computing, Report Writing, Computer Literacy
- Marking of Student's Examination Scripts.

***Tutor, Ascension School Complex (2004 -2009)***

**Junior High School, Primary 1, 2 and 5**

- Child Assessment for newly admitted students
- The setting of Examination Questions and Assessment
- Guidance and Counselling
- Assistant Coach for the School's Soccer Team
- Taught Mathematics and Integrated Science

## **Research Skills**

- Data Collation and Management
- Qualitative Interviewing
- Analysis using SPSS, Stata, and R Console
- Statistical Modelling

## Workshops and Training

- Malaria, Maternity, Reproductive, and Family Health Data Collation and entry into the District Health Information Management System (DHIMS 2) Platform.
- Medical Cause of Death Certificate Collation and Data Entry into DHIMS (District Health Information Management System)
- Documentation and Reporting of Malaria Control Interventions using DHIMS (District Health Information Management System)
- Continuing Professional Development on Medical and Public Health Informatics
- Advancing Quality Improvement & Patient Safety in Ghana.
- Contact Tracing Training for COVID-19 Emergency Response Team in Korle Bu Teaching Hospital.
- Infection Prevention and Control in Institutional Health Setting
- Ghana-West Africa Program to Combat AIDS and STI (WAPCAS) – Stigma and Discrimination Step down training

## Awards

- Alumni Award for the overall best student in School of Applied Sciences and Art.
- Rector's Award for the best male student in the Department of Statistics, Mathematics, and Computer Studies.
- Alumni Award for the best student in the Department of Statistics, Mathematics, and Computer Studies.

## Employment

**2014 – present**                      **Biostatistics Officer (Health Information)**                      **Korle Bu Teaching Hospital, Public Health Unit**

### ***Main Duties Performed:***

- Coordinated the sorting and routing of incoming data for doctors' daily inventory (***Korle Bu Teaching Hospital***).
- Reviewed documents to ensure completeness and correctness before data entry.
- Compared notes and instructions written on source documents with printouts to detect errors and ensure completeness and conformity with established policies and procedures of the institution.
- Verified correctness after comparing corrected input and output data with source documentation, worksheets, and data.
- Designing and conducting research related to health, emergency management, Adverse Events Following Immunisations (AEFIs), Patient Waiting Times and Safety.
- Collecting and analyzing data to improve current Institutional public health programs (Korle Bu Teaching Hospital) and identify problems and solutions within the Public Health unit.

**2013 – 2014**

**Data Analyst**

**TXT Ghana Limited, R &D Department**

***Main Duties Performed:***

- Working with supervisor/management to prioritize business and information needs
- Develop and implement research and data collection instruments and other methods that optimize statistical efficiency and quality
- Acquire data from both primary and secondary sources and also maintain databases using Excel
- Identify, analyze and interpret trends or patterns in data sets presented.
- Review of computer printouts, reports locating, and correct problems.

**2004 – 2009**

**Pupil Teacher**

**Ascension School Complex**

***Main Duties Performed:***

- Performed assessment of pupil/student learning styles and participate in pupil/student and parent-teacher association meetings
- Maintaining confidentiality of pupil/student records and also coordinating with the school's management for all classroom teaching methods
- Prepare and implement lesson notes and plans per the curriculum program and prepare all requirements to ensure uniformity and compliance to pupil/student learning styles.
- Administer pupil/student conduct and disciplines.
- Maintain and update all files and pupil/student assessment records.

**Internships**

- 2011 – 2011                      Public Health Department              Data Entry and Analysis of Medical Data for Child Health Department.
- 2010 – 2010                      Public Health Department              Data Entry and Analysis of Medical Data for Surgical Medical Emergency Department.

**Skills and Expertise**

- Adaptability
- Teamwork
- Problem Solving
- Listening
- Resilience
- Professionalism
- Data Analysis
- Teaching
- Planning

## Digital Skills

- SPSS
- R Programming
- Microsoft Office Suite
- Corel Draw
- Stata
- Access Database

## Hobbies

- Playing Soccer.
- Listening to motivational talks.
- Visiting Places of Scenic Interest.
- Singing

## References

- Dr. Theodore Okyireh  
Lecturer, Cape Coast Technical University  
Cape Coast  
Central Region
- Dr. Kissinger Marfoh  
Medical Statistician, Public Health Department  
Korle Bu Teaching Hospital  
Greater Accra
- Dr. Elom Otchi Hillary  
Consultant & Fellow (Healthcare Quality and Improvement)  
African Institute of Healthcare Quality Safety Accreditation  
Greater Accra