



# Curriculum Vitae

## Personal Data:

Emmanuel Kojo Amoah  
University of Education, Department of Mathematics Education  
Post Office Box 25, Winneba  
0242761991/ 0543057348  
ekamoah@uew.edu.gh  
8<sup>th</sup> August, 1988  
Ghanaian

## Areas of Expertise or Professional Skills:

Statistical Modeling

## Professional Responsibility

<i>Position</i>	<i>Office/Location</i>	<i>Period</i>
Examination Officer	Department of Mathematics Education University of Education, Winneba	September, 2019 - March, 2022
Academic Counselor	Department of Mathematics Education, University of Education, Winneba	August, 2019 - July, 2021

## *Supervision of Undergraduate students*

Mathematics Education 2019 to date      60 students

Distance Education students      30 students

## *Examiner*

2018 - date      Quantitative Techniques, Business Mathematics and Statistics.  
College for Distance and e-Learning, Winneba (CODEL)

2018 - date      Mathematics, Basic Education Certificate Examination (BECE)

2018 - date      Elective Mathematics, West African Examination Council (WAEC)

**Education:**

<i>Qualification/Certificate obtained</i>	<i>Name of Institution Attended</i>	<i>Date</i>
PhD Candidate in Statistics	University of Cape Coast Central Region- Ghana	2021 - Date
Postgraduate Diploma in Teaching and Learning in Higher Education (PGDTLHE)	University of Education Winneba, Ghana	2018 - 2019
M.Phil. Actuarial Science	Kwame Nkrumah University of Science and Technology, Kumasi, Ghana	2013 - 2015
BSc. Actuarial Science	University for Development Studies Tamale, Ghana.	2008-2012
West Africa Senior School Examination Certificate (WASSCE)	Obuasi Senior High and Technical School, Obuasi, Ghana	2004 -2007

**Career History:**

<i>Position/Title</i>	<i>Name of Institution</i>	<i>Date</i>
<b>Lecturer</b>	University of Education, Winneba Department of Mathematics Education	2020 - Date

*Responsibility*

- Teaching and Assessment
- Conducting research
- Providing Community Service

**Part-Time Lecturer**      University of Education, Winneba      2018 - Date  
College for Distance and e-Learning  
Education. (CODEL).  
Accra Wesley Girls Centre.

*Responsibility*

- Teaching and Assessment
- Conducted research
- Provided Community Service

**Assistance Lecturer**      University of Education, Winneba      2018 - 2020  
Department of Mathematics Education.

*Responsibility*

- Teaching and Assessment
- Conducted research
- Provided Community Service

**Part-Time Lecturer**      University of Education, Winneba      2018 - 2019  
Department of Banking and Finance

*Responsibility*

- Teaching and Assessment
- Conducted research
- Provided Community Service

**Part-Time Lecturer**      University of Education, Winneba      2017 - 2018  
Department of Mathematics Education.

*Responsibility*

- Teaching and Assessment
- Conducted research
- Provided Community Service

**District Director** Youth Employment Agency. 2016 - 2017  
Abura-Asebu Kwamankese  
District, Abura Dunkwa, Central Region,  
Ghana

*Responsibility*

- Oversaw the implementation of programmes and activities of the Agency in the district
- Ensured the preparation of the budget of the district
- Represented the Agency in the district

**Assistance** St. Francis Xavier Hospital 2015 - 2016

**Health Information** Assin Fosu

**Officer**

- Collection and Statistical Analysis of Patient data
- Filing and Retrieving of Patient data

**National Service Person** Obiri Yeboah Senior High School. Department of Mathematics. Assin Fosu 2012 - 2013

*Responsibility*

- Teaching
- Marking and commenting on student's assignment

**Books**

**Amoah E. K.** (2018). Vector Algebra for 4-Yr BSc. Mathematics. Institute for Distance and e-Learning, University of Education Winneba

**Articles in refereed Journal**

**Amoah, E. K.**, Kyeremeh, P., & Yeboah, D. O. (2021). Students' and lecturers' perceptions about the effectiveness and challenges of online mathematics instruction during the Covid-19 partial lockdown. *African Journal of Educational Studies in Mathematics and Sciences*, 17(1), 133-155.

Kyeremeh, P., **Amoah, E. K.**, & Sabtiwu, R. (2021). Junior high school mathematics teachers' practice of differentiated instruction and its associated challenges in Tano south district. *Journal of Mathematics and Science Teacher*, 1(1), 1-11.

Ankomah, R. K., **Amoah, E. K.**, & Obeng, E. A. (2020). Predictive Modeling of Association Football Scores Using Bivariate Poisson. *American Journal of Mathematics and Statistics*, 10(3): 63-69

Ankomah, R. K., Oduro, R., & **Amoah, E. K.** (2020). Gambler's risk of ruin and optimal bet. *Communications in Mathematical Finance*, 9(1), 13-27.

Asiedu, M. A., Oduro, R., & **Amoah, E. K.** (2019). Does capital asset pricing model apply in a varying market condition? *American Journal of Finance*, 4(1), 57-72.

**Amoah E. K.** Predictive Model for Fire Outbreaks (2019). Case Study Ashanti Region, Ghana. *American Journal of Mathematics and Statistics*.9(5), 191-198

### **Professional Development:**

#### **a. Conferences/Seminars/Workshops**

**Participant.** Workshop on Students' Internship Supervision for Lecturers organised by ITECPD UEW at Gloriaka Hotel, Winneba, 18<sup>th</sup> January, 2022

**Participant.** Workshop on writing Learning Materials for Open and Distance e-Learning organised by Institute for Distance and e-Learning, University of Education, Winneba at Wadoma Royale

**Participant.** 5<sup>th</sup> International Multi-disciplinary Conference organised by University Teacher Association of Ghana, UEW Local at Jophus Anamuah-Mensah Conference Center, 15<sup>th</sup> – 16<sup>th</sup> July, 2021

**Participant.** Faculty Retreat organised by Faculty of Science Education at Elmina Beach Resort, 26<sup>th</sup> – 28<sup>th</sup> August, 2021

**Participant.** 5<sup>th</sup> International Multidisciplinary Conference for Postgraduate Students by GRASAG-UEW at UEW. 15<sup>th</sup> – 16<sup>th</sup> July, 2021

**Participant.** UTAG-UEW Maiden Early Career Seminar for Newly Appointed Members on 4<sup>th</sup> March, 2020.

**Participant.** Educational Seminar Marking World Teachers' Day organised by IERIS-UEW on 8<sup>th</sup> – 9<sup>th</sup> October, 2019.

**Participant.** 4<sup>th</sup> International Multidisciplinary Conference for Postgraduate Students by GRASAG-UEW at UEW. 3<sup>rd</sup> – 5<sup>th</sup> July, 2019

**Participant.** Conference on coordination and marking exercise organised by College of Distance and e-Learning, (CODEL) University of Education, Winneba at Bonsu, Eastern Region, Ghana, 22<sup>nd</sup> February, 2019 – 3<sup>rd</sup> March, 2019

**Participant.** Conference on Mathematics coordination and marking exercise of Basic Education Certificate Examination for School Candidate, organised by West African Examination Council at Swedru-Senior High School, 10<sup>th</sup> -15<sup>th</sup> June, 2018

**Participant.** Conference for Senior Member on using Multimedia as tool in Teaching and Learning, organized by I.T Directorate of University of Education Winneba, 13<sup>th</sup> – 15<sup>th</sup> June, 2018

<b>Name of Association</b>	<b>Position held</b>	<b>Period</b>
Graduate Student Association of Ghana (GRASAG), KNUST- Local	Member, College of Science Academic Board	July, 2014 – August, 2015
Student Representative Council (SRC). UDS	Member, SRC Executive Council	April, 2011- May, 2012
Actuarial Science Student Association (ASSA) UDS	Department Association President	April, 2011 - July 2012
Ghana Methodist Student Union (GHAMSU). Obuasi Secondary Technical School Obuasi	Union House Representative	May, 2008 – June, 2007

## **b. Institutional and Community Service**

### **Committee(s) and/or Boards Served:**

September 2020 - 2021	Member, Faculty of Science Education Week Celebration planning Committee. University of Education, Winneba
September 2019 - March 2022	Member, Time-Table Committee, University of Education, Winneba
September 2019 - March 2022	Member, Faculty of Science Education Academic Board. University of Education, Winneba

August 2020 - date	Member, Committee on Development of New Programme “Mathematics Education with Economics’. Department of Mathematics Education, University of Education, Winneba
August, 2014 - July, 2015	Member, College of Science Academic Board, KNUST

### **Community Service**

August, 2019- Date	Ghana Methodist Student Union (GHAMSU) Academic Counsellor, University of Education, Winneba Local
August, 2021- Date	Ghana Methodist Student Union Choir (GHAMSU) Patron, University of Education, Winneba Local.

### **Key Skills: (*Special Abilities and Capabilities Acquired*)**

#### **Computer Skills**

Fully conversant with the following software: SPSS, R-Programming, Latex and Power Point

#### **Referees**

##### **Professor Christopher Adjei Okpoti (PHD)**

Department of Mathematics Education  
University of Education, Winneba  
Box 25 Winneba, Ghana  
Tel.: 020 816 5820  
e-mail: caokpoti@uew.edu.gh

##### **Professor Micheal Johnson Nabie (PHD)**

Department of Mathematics Education  
University of Education, Winneba  
Box 25 Winneba, Ghana  
Tel.: 054 031 0050  
e-mail: mjnabie@uew.edu.gh

##### **Professor Francis Owusu Mensah (PHD)**

Principal, College for Distance and e-Learning (CODeL)  
University of Education, Winneba  
Box 25 Winneba, Ghana  
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