

CURRICULUM VITAE

Methodist College of Education
PMB
Akim Asene - Aboabo Oda
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EB-0003-1230

SAMUEL REDEEMER ADORNYO

AREAS OF EXPERTISE OR PROFESSIONAL SKILLS

Skills:

- Use of mathematical and statistical software packages
- Find, extract and analyze data (from many sources)
- Communicate mathematical and statistical information effectively
- Follow complex mathematical and statistical arguments and to develop brief arguments of my own

Areas of Expertise:

- Statistics and Probability
- Algebra, Discrete Mathematics and Number Theory
- Medical/Health Data Analysis

EDUCATION

May 2020	Online Design, Teaching and Learning Course Digital Society School, Amsterdam University of Applied Sciences, Amsterdam, Netherlands.
Nov. 2016	MPhil. Mathematical Statistics Department of Mathematics Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana.
June 2011	BSc Statistics and Actuarial Science Department of Mathematics Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana.

EMPLOYMENT HISTORY

2014 – Date

Course Lecturer (Mathematics)

*Methodist College of Education
Department of Mathematics and ICT
Akim Oda.*

Courses Handled: Probability and Statistics, Learning, Teaching and Applying Geometry and Handling Data, Further Algebra, Geometry and Trigonometry, Numbers and Basic Algebra, Trigonometry, and Calculus

Aug - Sept 2017

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Aug - Sept 2018

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Aug - Sept 2019

Course Tutor (Sandwich)

*Institute of Education
University of Cape Coast (UCC)
Cape Coast*

Course Handled: Developing Algebraic Thinking

2012- 2013

Teacher

St. Louis Jubilee School, Oduom-Kumasi, Ghana.

Subjects handled: Mathematics and Integrated Science.

2011 – 2012

Research and Teaching Assistant

*Department of Mathematics,
Kwame Nkrumah University of Science and Technology,
Kumasi, Ghana.*

Key Roles: Assisting lecturers in their research works, organizing tutorials for undergraduate students, assisting undergraduate students in their research work

Courses handled: Probability and Statistics I & II, Regression Analysis, Sample Survey Theory and Methods, and Asset Liability

May 2011 – Sept 2011

Teaching; Internship (Elective Mathematics)

*St. Mary's Seminary Senior High School
Lolobi, Ghana*

POSITIONS AND OFFICES HELD

Sept 2018 – Date

Head of Department (HOD)

*Department of Mathematics & ICT
Methodist College of Education
Akim Oda.*

Sept 2017 – Sept 2018	Quality Assurance Officer (QAO) <i>Methodist College of Education</i> <i>Akim Oda.</i>
Aug 2017 – Aug 2019	CETAG Local Chairman. <i>Methodist College of Education</i> <i>Akim Oda.</i>
Feb 2020 – Date	Assistant Examiner Bachelor of Education (B.Ed.) University of Education, Winneba.
July 2014 – Date	Assistant Examiner DBE, UTDBE, SANDWICH University of Cape Coast.
March 2014 – Sept 2017	Hall Tutor <i>Methodist College of Education</i> <i>Hall Four (Confidence)</i> <i>Akim Oda.</i>
March 2014 – Sept 2017	Deputy Quality Assurance Officer <i>Methodist College of Education</i> <i>Akim Oda.</i>

INSTITUTIONAL SERVICE

- *Name of Board:* Academic Board, Methodist College of Education.
Position: Member; HOD, Department of Mathematics and ICT.
Period: Sept. 2018 – Date
Key Function(s): To formulate and carry out the academic policy of the College and generally regulate and approve the academic programmes of instructions and examinations in the college.
- *Name of Committee:* Academic Planning and Quality Assurance Committee, Methodist College of Education (METCOE)
Position: Member; HOD, Department of Mathematics and ICT
Period: Sept. 2018 – Date
Key Function(s): To develop policy and standards for planning, quality assurance and assessment, to plan new academic programmes and to direct them to the appropriate body for accreditation etc.
- *Name of Committee:* Academic Planning and Quality Assurance Committee, Methodist College of Education.
Position: Member; Quality Assurance Officer (QAO)

Period: Sept. 2017 – Sept. 2018.

Key Function(s): To develop policy and standards for planning, quality assurance and assessment, to plan new academic programmes and to direct them to the appropriate body for accreditation etc.

- *Name of Committee:* Graduation Committee, Methodist College of Education.
Position: Member
Year: 2018
- *Name of Committee:* Matriculation Committee, METCOE.
Position: Secretary to the Committee
Year: 2017

PROFESSIONAL DEVELOPMENT, CONFERENCES AND WORKSHOPS ATTENDED

- Subject Based Course Manuals and PD Session Training Workshop organized by Institute of Teacher Education and Continuing Professional Development (ITECPD); University of Education, Winneba.
Course Title: Learning, Teaching and Applying Geometry and Handling Data.
Course Facilitator: Prof. Christopher Okpoti.
Location: Windy Lodge, Winneba.
Period: 8th – 13th March, 2020.
- Subject Based Workshop for Year One Semester One Courses organized by Institute of Teacher Education and Continuing Professional Development (ITECPD); University of Education, Winneba.
Course Title: Learning, Teaching and Applying Number and Algebra.
Course Facilitator: Mr. Ahmed Amihere.
Location: Windy Lodge, Winneba.
Period: 7th – 9th September, 2020.
- Subject Based Workshop for Year One Semester One Courses organized by Institute of Teacher Education and Continuing Professional Development (ITECPD); University of Education, Winneba.
Course Title: Learning, Teaching and Applying Further Algebra.
Course Facilitator: Dr. Ahmed Amihere.
Location: Wadoma Royale Hotel, Kumasi.
Period: 26th – 28th October, 2020.
- A 2-day Learning Event Under the Theme Leading Institutional Strengthening through Quality Assurance and Gender Responsive Management in Colleges of Education organized by National Council for Tertiary Education (NCTE) and supported by T-TEL.
Location: NJA College of Education, Wa.
Period: 11th – 13th June 2019.

- Third Leadership Training Workshop for Colleges of Education organized by National Council for Tertiary Education (NCTE) and supported by Transforming Teacher Education and Learning (T-TEL).
Theme: *Leading and Managing Change.*
Location: *Kibi College of Education, Kibi.*
Period: *26th – 29th March, 2019.*
- Second Leadership Training Workshop for Colleges of Education organized by National Council for Tertiary Education (NCTE) and supported by Transforming Teacher Education and Learning (T-TEL).
Theme: *Curriculum Leadership.*
Location: *Bagabaga College of Education, Tamale.*
Period: *22nd – 26th September, 2018.*
- A 5-Day CPD & Orientation Workshop for Principals and Heads of Departments of the Colleges of Education on the New Four- Year B.Ed. Curriculum organized by NCTE and T-TEL.
Location: *Capital View Hotel, Koforidua.*
Period: *17th -22nd September, 2018.*
- Leadership Training Workshop for New 6 Colleges of Education Leaders organized by National Council for Tertiary Education (NCTE) and supported by Transforming Teacher Education and Learning (T-TEL).
Theme: *Theme: Institutional Strengthening.*
Location: *St. Monica's College of Education, Mampong.*
Period: *25nd – 29th June 2018.*
- Workshop for Planning and Data Officers on Data Collection and the Use of GIFMIS.
Location: *Conference Center, National Council for Tertiary Education (NCTE)*
Period: *19th April, 2018.*
- Quality Assurance Workshop for Quality Assurance Officers of the Colleges of Education.
Location: *Institute of Education, DAPQA, UCC.*
Period: *12th -14th June, 2016.*
- Mathematics Workshop for Mathematics Tutors of the Colleges of Education organized by Institute of Education, University of Education (U.C.C).
Location: *Akatsi College of Education.*
Period: *19th - 20th February, 2017.*
- Quality Assurance Workshop for Quality Assurance Officers of the Colleges of Education organized by Institute of Education, UCC.
Location: *Elizabeth Adabor Conference Hall, Institute of Education, UCC.* Period: *12th -14th June, 2016.*

STUDENT DEVELOPMENT/COMMUNITY SERVICES

- Patron – Mathematics Club, Methodist College of Education.
- Patron – Association of Catholic Teacher Trainees (ACTT, METCOE Local)
- Resource Person – Association of Catholic Students (Pax Romana), KNUST.
- Resource Person – Inter Tertiary Institutions of Catholic Charismatic Renewal (ITI-CCR) KNUST Local.

PUBLICATIONS/PROJECTS

- *Modeling the Effects of Nutritional Withdrawal on CD4 Cell Count Among HIV/AIDS Patients Using Generalized Estimating Equations (GEE).*
Unpublished master's thesis submitted to the Department of Mathematics, KNUST.
(With publishers)
- *The Performance Effect of Mergers and Acquisition; A Case Study of Guinness Ghana Breweries Limited.*
Undergraduate Dissertation submitted to the Department of Mathematics, KNUST.

COMPUTER LITERACY

- Microsoft Office Suite: Word, Excel, PowerPoint, Access
- Visual Basic Application (VBA)
- Matrix Laboratory (MATLAB)
- Statistical Package for Social Sciences (SPSS)
- R
- STATA

GENERAL INTERESTS

I enjoy research, teaching and programming.

REFEREES

- Dr. Richard Kodzo Avuglah
(Senior Lecturer)
Department of Statistics and Actuarial Science,
Kwame Nkrumah University of Science and Technology,
PMB, Kumasi, Ghana.
Tel. No.: +233248828485/+233208094055
E-mail: avuglah@knust.edu.gh, avuglah@yahoo.com

- Mr. Vincent Dedu
(Senior Lecturer)
Department of Statistics and Actuarial Science,
Kwame Nkrumah University of Science and Technology,
PMB, Kumasi, Ghana.
Tel. No.: 0200501355/0246894128
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- Mr. Leo Andoh Korsah
(Vice Principal & Senior Tutor)
Methodist College of Education,
PMB, Akim Asene-Aboabo Oda.
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