

DANIEL D. YEBOAH
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41 Mampon Okai street

Lapaz- Accra, Ghana



CAREER OBJECTIVE

I am a biomedical science (B.sc) graduate, experienced in medical and clinical research procedures; spanning parasitology, hematology, immunology, medical biochemistry as well as health policy analysis. I am motivated to contribute to medical research, academia, and healthcare delivery. I am seeking to build competencies in high level of academia, teaching and research in an active and changing institution. An institution that provides stellar education at the pulse of research and promises opportunities for career development and growth.

EDUCATION

2015-2019 University of Cape Coast
FIRST DEGREE; BSc. (Hons) Biomedical sciences
Final CGPA: 3.5/4.0

Modules include cell biology, medical biochemistry, human physiology, cancer biology, Immunology, medical parasitology, biochemistry, chemical pathology, epidemiology, Biomedical statistics, bioinformatics, microbiology, and human psychology.

Dissertation; *“Effect of Metformin dosage on lipid profile; An investigation among diabetic patients visiting the Effia Nkwanta hospital in Takoradi, Ghana”*

RESEARCH EXPERIENCE

“Effect of Metformin dosage on lipid profile; An investigation among diabetic patients visiting the Effia Nkwanta hospital in Takoradi, Ghana”.

SUPERVISED BY: Rev. Dr. Benjamin Amoani (Senior lecturer,
Department of Biomedical Sciences, University of Cape Coast, Ghana)

RESEARCH INTERESTS

- Tumor microenvironment and cancer progression
- Epigenetic control of gene expression
- Translational science

PROFESSIONAL DEVELOPMENT TRAINING

August 2023 Translational science (Coursera) University of Rochester, Clinical and Translational Science

Institute (CTSI). In-depth explanation on the translational science spectrum, T0, basic science to T4, public health implementation

Instructor: Prof. Martin S. Zand

August 2023 Medical Applications of Particle Accelerators (Coursera)

Lund University. In-depth explanation on dose response and dose delivery for radiotherapy, challenges of photon and heavy ion radiotherapy

Instructor: Lars Hjorth Praestegaard, (Ph.D)

July 2023 Epigenetic Control of Gene Expression (Coursera)

The University of Melbourne. In-depth explanation on chromatin remodeling, DNA methylation, Histone tail modification

Instructor: Dr. Marnie Blewitt

July 2023 Cancer Biology Specialization John Hopkins University

May 2023 Precision medicine University of Geneva (Coursera)

May 2023 Stem Cell Biology (Coursera)

American Museum of Natural History.

In-depth explanation on stem cell types and characteristics, human development, germ layers

September 2022 Clinical care, Severe Acute Respiratory Infection Health Emergencies Program, World Health Organization

WORK EXPERIENCE

(TEACHING EXPERIENCE)

July 2022-present- IGCSE Science Tutor and Chemistry Tutor- Home tutors Ghana

RESPONSIBILITIES;

- Prepare lesson notes and teach students
- Give students quizzes and assignments
- Grade all assignments and quizzes on time
- Assign presentation topics on selected topics for students to present on later dates

FEB 2020-SEPT 2020; Mathematics and Integrated Science Tutor; Pretty international school

RESPONSIBILITIES

- Prepare lesson notes and teach students
- Grade test papers of students

Zion Practical College; Elective Chemistry tutor

RESPONSIBILITIES

- Prepare lesson notes and teach students
- Give students quizzes and assignments
- Grade all assignments and quizzes on time
- Assign presentation topics on selected topics to students for presentations on later dates.

CLINICAL LABORATORY WORK EXPERIENCE

2020-June 2022- Biomedical scientist; Frontiers Healthcare Services- Kotoka International Airport- Ghana

RESPONSIBILITIES;

- Collecting nasopharyngeal and oropharyngeal specimens of clients
- Running RT-PCR test on the samples for the detection of SARS COV-2.
- Running antigen test on the nasopharyngeal specimen for the detection of COVID-19 on arrival at the Kotoka international airport

2019- 2020 Quality Control Officer; Ghana Cocoa Board

RESPONSIBILITIES:

- Analysis of moisture content of cocoa beans
- Ensuring cocoa is properly stacked and fumigated
- Quality assessment of cocoa beans.

**APR 2017-JUL 2017; Textiles Ghana limited Clinic; Biomedical Scientist
(Intern)**

RESPONSIBILITIES

- Collect clinical samples of patients
- Blood grouping and electrophoresis
- urine, stool, and semen analysis
- Screening of blood samples for malaria, typhoid fever, HIV, syphilis, Hepatitis B and C, Erythrocyte sedimentation rate, etc.

APR 2016-JUL 2017; Lapaz Community Hospital; Biomedical Scientist (Intern)

RESPONSIBILITIES

- Phlebotomy
- Blood grouping and electrophoresis
- Urine, stool, and semen analysis
- Screening of blood samples for malaria, typhoid fever, HIV, Syphilis, Hepatitis B and C, Erythrocyte sedimentation rate, etc.

LEADERSHIP ROLES

2018-2019 President: Tema Secondary School Old Students' Union (University of Cape Coast Chapter)

2017-2018 Vice Chairman: Biomed Scope Research -University of Cape Coast

2013-2014 President: National Union of Presbyterian Students, Tema Secondary School

2013-2014 Head Boys' Utility Prefect, Tema Secondary School

PROFESSIONAL WORKSHOPS AND TRAINING

2023- Doping Control in Sports- 1st African Para Games, Accra 2023, University of Ghana

2021 Biosafety and Risk Assessment; Frontiers Healthcare Services

2019 International Research Development Centre (IDRC) - Soft Skills Training, University of Ghana

Singing
Sporting activities

REFEREES

Name: Professor Elvis Ofori Ameyaw
Position: Dean, School of Pharmacy and Pharmaceutical Sciences, University of Cape Coast
Email: eameyaw@ucc.edu.gh
Tel: +233208286284
Relationship: Faculty Mentor

Name: Rev. Dr. Benjamin Amoani
Position: Senior Lecturer and Chaplain of University of Cape Coast, Presbyterian students union
Email: bamoani@ucc.edu.gh
Relationship: Undergraduate Thesis supervisor

Name: Dr. Christopher Abana
Position: Principal Investigator, Noguchi Memorial Institute for Medical Research, University of Ghana
Email: cabana@noguchi.ug.edu.gh
Relationship: Research Mentor

Name: Billal Musah Obeng
Position: Laboratory Manager, Frontiers Healthcare Services
Email: b.obeng@unsw.edu.au
Relationship: Laboratory supervisor

