

CLAUDIA AGYEERE

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EDUCATION

2019 - 2023

BSc. Biological Science (Nutrition)

University of Ghana, Ghana

Grade: Second Class Honors (Upper Division)

Honors Dissertation Title: Relationship between educational level and healthy dietary habits of level 100 students and level 400 students in the University of Ghana.

Relevant Courses: Food Chemistry, Food Packaging, Integration and Control of Metabolism, Principles of Food Product Development, Diet and Diseases, Nutrition of Vulnerable Groups and Emergency, Food Analysis, Animal Experimentation, Product Development, Food Microbiology, Nutrient Interrelationship and Needs, Enzymology, Intermediary Metabolism

Jun-Dec, 2018

IT(Computer Hardware Engineering)- Diploma

Vision Professional Institute, Kasoa, Ghana

Courses: Computer Software (Office Administration), Computer Hardware (A+).

2015-2018

General Science, West African Senior Secondary Certificate Examination (WASSCE)

St. Francis Of Assisi Girls' Senior High School, Jirapa, Ghana.

RESEARCH EXPERIENCE

Oct 2022

Research Assistant (Intern), The International Lipid-Based Nutrient Supplements (iLiNS) Project, Kpong, Eastern Region.

Project Title: Second follow-up study of efficacy of lipid-based nutrient supplement (LNS) for pregnant and lactating women and their infants.

Supervisor, Project Coordinator: Prof. Seth Adu-Afarwuah

Duties: Field Data collection, Data analysis, writing research proposals, sending Emails, printing and photocopying of documents.

Dec 2022

Assistant Analyst

Project Title: Organizational Health and Safety (OHS) Knowledge, Attitude and Practices (KAP) among employees of Ghana Cocoa Board (Case of Cocoa marketing company) at Tema takeover Center.

Duties: Data Analysis, Proofreading.

2023 - 2024

Research Assistant, West African Center for Cell Biology of Infectious Pathogens (WACCBIP), University of Ghana, Legon, Ghana.

Project Title: Integration of Malaria Parasite and Vector Surveillance in Ghana (IMPAVES).

Supervisor, PI: Dr. Lucas Amenga-Etego

Duties: Plasmodium falciparum culturing and maintenance, Sequencing analysis, visualization of sequence data using R programming language, presentations, PCR

Jun-Jul, 2024

Field worker, WACCBIP, University of Ghana, Legon, Ghana.

Project Title: Characterizing the spatial epidemiology of urban malaria infection in Accra, Ghana (MUSE).

Duties: Identified and located marked houses for the study, conducted participant consenting procedures, Collected blood samples through finger pricking for slide preparation, Rapid Diagnostic Tests (RDT), and HemoCue HB readings, and prescribed medication to participants who tested positive for malaria.

WORK EXPERIENCE

2021- Present

Caterer, MacKlaus Foods, Bolgatanga, Ghana.

Activities: Baking, cooking, Flyer designing, Advertisement and marketing, Food delivery, bookkeeping.

Feb-Mar, 2021

Nutrition Intern, Bolgatanga Regional Hospital, Bolgatanga, Ghana.

Activities: Preparation of therapeutic foods, anthropometric measurements, Advocacy, and ward rounds.

2018 - 2019

IT(Computer Hardware Engineering) Intern, Ghana Institute of Management and Public Administration (GIMPA), Greenhill, Greater Accra, Ghana.

Activities: Solving Wi-Fi problems for students and non-IT staff, diagnosing hardware and software issues, troubleshooting, and Windows installation.

TECHNOLOGICAL ACHIEVEMENTS

2024

App development using R Programming Software.

App 1, known as the Genomic Surveillance Database, is an application designed to provide insights into the evolution and prevalence of parasites across different regions in Ghana.

App URL: https://claudiaagyeere.shinyapps.io/Genomic_Surveillance_Database/

App 2, known as CHOLDAT, is a Cholera Database that provides insights into the prevalence and impact of cholera worldwide.

App URL: <https://claudiaagyeere.shinyapps.io/CHOLDAT/>

RESEARCH SKILLS & VOLUNTEER SKILLS

Research: Giemsa staining, Culture media preparation, Parasite culturing, Data Analysis, PCR, Agarose gel Electrophoresis, genomics sequence analysis.

Volunteer: Plastic Christmas tree fabrication, plastic bottle house fabrication, plastic waste up-cycling.

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

2014 - 2015	Assistant Girls Prefect , Nadeng Zein Academy, Bolgatanga, Ghana
2015 - 2018	Class Prefect , St. Francis of Assisi Girls' Senior High school, Jirapa, Ghana
2017 - 2018	Organizer , National Commission for Civic Education, Senior High School, Jirapa, Ghana
2022 - 2023	Vice President , Bonaboto Student Union, University of Ghana, Accra, Ghana
2022 - 2023	Organizing Committee , Nutrition and Food Science Department, University of Ghana, Accra, Ghana

SEMINARS/WORKSHOPS/CONFERENCES

Aug 2024	Participant , Addressing Health Challenges in Africa: A Decade of Building World-class & Innovative Scientific Capacity, WACCBIP, Ghana.
May 2024	Participant , Combating AMR: Genomics & Bioinformatics workshop II, WACCBIP, Ghana.
Dec 2023	Participant , Ensuring Safer Foods for Public Health Intervention and Economic Prosperity in Africa Workshop, Accra, Ghana.
Dec 2023	Participant , Environmental Sustainability and Waste Recycling Value Chain Training, Accra, Ghana
Jun 2023	Participant , Project Management, Nestle Science and Technology Seminars, online.

COMMUNITY AND VOLUNTEERING SERVICES

Aug 2024	Volunteer activities with WACCBIP , Accra, Ghana
2023-To-date	Facilitating activities with EuMaC Foundation , Accra, Ghana
2021-To date	Volunteer activities with Mckingtorch Africa , Accra, Ghana
Aug, 2023-To date	Volunteer activities with SOLNetwork SSDP , Accra, Ghana
Jun 2023	Volunteer activity with Bethniel Finance on Bethniel Finance App-activation at the University of Ghana, Accra, Ghana.

OTHER EDUCATIONAL AND PROFESSIONAL DEVELOPMENT ACHIEVEMENTS WITH CERTIFICATE

May-June, 2025	Excelerate : Digital Marketing Virtual internship
Apr-June, 2025	Udemy : Mastering Business Analysis to become a Business Analyst
Sept-Nov, 2024	HackBio : Cancer 2024 (Genomic Epidemiology) Internship
Nov,2023-Apr, 2024	Mckinsey Academy : Mckinsey Forward Program
Oct, 2022 - Sept,2023	Blue Hack Organization, Ghana. Hacking, Coding, and Graphic Design Course
Mar 2023	Food and Agriculture Organization (FAO), Ghana. 1. Improving Nutrition Through Agriculture and Food Systems Course. 2. Sustainable Food Systems: An Introduction (Course).
May 2023 - Jul 2023	Careers and Counselling Center, University of Ghana, Accra, Ghana.

Nov 2023 Career Development Course
Morrisette Institute For Entrepreneurship, London.
The Founders Journey: An Entrepreneurial Process (Course)
Nov 2023 **Nutrition International, Canada.**
Maternal Micronutrient Supplement course

SKILLS & INTERESTS

Hard skills: Python Programming, SPSS, Graphic Design , Microsoft Office Suite, Hardware analysis & testing , Troubleshooting, Hacking, Graphic design.

Digital marketing, Linux, R programming, and bioinformatics.

Research Interests: Child Malnutrition, bioinformatics, Climate action , Nutrition Sensitive and Nutrition specific Interventions, Food and Nutrition Security, Sustainable Food Environments, genomics, micro-plastic pollution, Food waste management.

Hobbies: Crocheting, Chess, Books, Movies

REFERENCES

Prof. Firibu K. Saalia

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Department of Nutrition and Food Science
University of Ghana, Ghana
Email: fsaalia@ug.edu.gh

Mr. Makafui Awuku

CEO, Founder of Mckingtorch Africa, Ghana
Email: awukumakafui@gmail.com

Dr. Lucas Amenga-Etego

Senior Research Fellow
West African Centre For Cell Biology of Infectious Pathogens (WACCBIP)
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