



**UNIVERSITY FOR  
DEVELOPMENT STUDIES  
(UDS)**

# **VICE - CHANCELLOR'S REPORT**

**NOVEMBER, 2024**

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Kazuhiko Takeuchi Centre for Sustainability and Resilience (KTCSR)

School of Economics

School of Engineering

Centre for Agricultural Productivity and Policy Studies (CAPPS)

West African Center for Shea Innovation and Research (WACSIR)

West African Centre of Water, Irrigation and Sustainable Agriculture (WACWISA)

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# Foreword

The University for Development Studies (UDS) is pleased to present this annual report, documenting a year of remarkable progress, resilience, and contributions toward promoting development through Education, Research, and Community Engagement. This report highlights key developments that showcase our commitment to providing a world-class educational environment and making a positive impact on both the university and the wider community.

One of the most notable infrastructural achievements of the year is the completion of the iconic Silver Jubilee Building, commissioned by the President of Ghana, His Excellency Nana Addo Dankwa Akufo-Addo. This building is now actively serving the UDS community, housing essential lecture halls, offices, and spaces that support academic and administrative activities. In addition to the Silver Jubilee Building, other ongoing projects are expected to ease the pressures on lecture halls and office space, addressing a critical need as our university continues to grow.

We are also grateful for the contributions of our student leaders, who exemplified commitment to the university's development by donating valuable teaching and learning materials. Their support reflects a deep-seated sense of responsibility and partnership with the university's management.

Additionally, students in our Third Trimester Field Practical Program (TTFPP) worked tirelessly within their communities, contributing in diverse ways to local development, reinforcing our aim of creating impactful and socially conscious graduates.

UDS students continue to excel on various fronts, and their outstanding performance in sports has elevated our reputation across the continent. We are proud to celebrate our students who achieved notable success, including winning the gold medal in football and other disciplines at the FASU Games. Such accomplishments underscore the determination and talent within our student body and reflect UDS's commitment to nurturing well-rounded individuals.

Recognizing that staff development is key to maintaining high standards of teaching and research, UDS organized a series of training workshops for both teaching and non-teaching staff over the past year. These sessions were tailored to enhance skills, broaden

perspectives, and prepare our faculty and staff to adapt to the dynamic needs of our academic environment.

During the year, the UDS Faculty of Education organized a National Political Parties Dialogue in collaboration with Oxfam, NORSAAC, School for Life, RAINS, and the Star Ghana Foundation. This event reinforced UDS's role as a thought leader in research and as a platform for meaningful national discourse, further establishing our university as an institution at the forefront of societal transformation.

The university's dedication to advancing research was recognized when UDS was nominated to receive the Best African Agricultural Knowledge Transfer Partnership Award. This prestigious nomination reflects our leadership in Agricultural Research and reinforces our potential for groundbreaking contributions that can benefit the agricultural sector across Africa.

We express our deepest gratitude to all our partners, both local and international, whose support has been instrumental to our success. We look forward to continued collaboration to build on these accomplishments and drive our mission forward.

Thank you.

**Prof. Seidu Al-hassan**

*(Vice-Chancellor)*

# Principal Officers



**Prof. Wayo Seini**  
Chairman, UDS Governing Council



**Prof. Seidu Al-hassan**  
Vice - Chancellor



**Prof. Elliot Haruna Alhassan**  
Pro -Vice - Chancellor



**Mr. Nurudeen I. Abubakar**  
Registrar

# Members of the UDS Governing Council



**Prof. Wayo Seini**  
Chairman



**Prof. Seidu Al-hassan**  
Vice - Chancellor



**Mrs. Matilda Awiah Azuimah Esq.**  
Government Nominee



**Mrs. Sheila Naah Boamah**  
Government Nominee



**Mr. Kwasi Abankwa**  
Government Nominee



**Dr. Mohammed Mustapha Seidu**  
Rep., Ghana Tertiary Edu. Com (GTEC)



**Prof. Edmund Muonir Der**  
Rep., Convocation (Professorial)



**Dr. Yaa Nyarko Adjese**  
Rep., Convocation (Non- Professional)



**Prof. Mamudu A. Akudugu**  
Rep., UTAG



**Prof. Terry Ansah**  
Rep., Alumni Association



**Mr. Alhassan Issah Dokurugu**  
Rep., CHASS



**Mr. Bruce Kambotuu**  
Rep., SRC



**Mr. Mohammed Abdulai Gonazoo**  
Rep., GRASAG

## In Attendance



**Prof. Elliot Haruna Alhassan**  
Pro - Vice - Chancellor



**Mr. Nurudeen I. Abubakar**  
Registrar/Secretary



**Dr. Mohammed H. Shaibu**  
Director of Finance



**Ing. Kwame Debrah**  
Director, Directorate of Works  
and Physical Development



**Mr. John D. Thomson**  
Deputy Registrar/Recorder

# Contact Information

**Office of the Registrar**

University for Development Studies  
Post Office Box 1350  
Tamale, N/R  
Ghana

**Telephone (s)**

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Fax: (+233-3720) 22080  
Website: [www.uds.edu.gh](http://www.uds.edu.gh)  
Email: [registrar@uds.edu.gh](mailto:registrar@uds.edu.gh)

**Accra Office**

PMB CT 346  
Cantonment, Accra  
Telephone: +233-302-786300  
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**London Office**

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EC1v11J, UK  
Telephone: +44(0)2072787413

# Central Administration



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### Administrative Offices

- Office of the Vice-Chancellor
- Office of the Registrar
- Directorate of Academic Affairs
- Directorate of Public Affairs
- Directorate of General Administration
- Directorate of Human Resource and Organisational Development
- University Library
- Procurement Directorate
- Directorate of Internal Audit
- Directorate of Finance
- Directorate of Works and Physical Development
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- Directorate of International Relations and Advancement (DIRA)
- Directorate of Information Communication Technology
- Directorate of University Health Services
- Directorate of Community Relations and Outreach Programmes (DCROP)

## OFFICE OF THE VICE-CHANCELLOR

The Office of the Vice-Chancellor includes the Secretariat of the Vice-Chancellor and the Pro-Vice-Chancellor. During the year under review, the Office of the Vice-Chancellor worked assiduously towards the achievement of the goal of the University through the efforts of the Faculties, Schools, Directorates, Centres, Institutes, Sections and Units.

### Staff

| Name                   | Qualification                                                  | Rank/Position                   |
|------------------------|----------------------------------------------------------------|---------------------------------|
| <i>Al-hassan, S.</i>   | <i>B.A.,Dip.Ed. (UCC, Cape Coast, Gh), MPhil, PhD. (Ghana)</i> | <i>Vice-Chancellor</i>          |
| <i>Alhassan, E. H.</i> | <i>BSc.(UDS, Tamale, Gh), M.Phil., Ph.D. (Ghana)</i>           | <i>Pro-Vice-Chancellor</i>      |
| <i>Boye, K.M. E.</i>   | <i>B.A,M.Phil, (Ghana, ChPA, CMC(CIAMC, Ghana)</i>             | <i>Snr. Assistant Registrar</i> |
| <i>Mohammed, B. G.</i> | <i>B.A., M.Phil, (Ghana)</i>                                   | <i>Assistant Registrar</i>      |

### Activities, Meetings and Interactions

- *September 8, 2023:* The Vice-Chancellor delivered the keynote address at the 16th Annual Interdisciplinary Conference (AIC) at UDS, Tamale.
- *September 24, 2023:* The Vice-Chancellor presided over the unveiling and launch of the integrated data repository, the Statistics Bank (StatsBank), with the Government Statistician, Prof. Samuel Kobina Annim, who welcomed students, young researchers, and academic staff to the event, urging them to prioritize accuracy in their research.
- *November 2, 2023:* The Vice-Chancellor attended the 10th Anniversary celebration of the Northern College of Science and Technology (COSTECH) in Yendi.
- *December 7, 2023:* The Vice-Chancellor held bilateral meeting with officials of the German Academic Exchange Service (DAAD) and the University of Bonn in Germany.
- *January 9, 2024:* The Vice-Chancellor made a declaration at the first Administrative Committee meeting of the year, to be guided by the theme “Accelerated University Development through Proactiveness and Coordination” for 2023/2024 Academic Year.
- *February 12, 2024:* The thirteen (13) member Governing Council of UDS had been inaugurated at the Conference room of the Ministry of Education in Accra and some personalities in attendance were the Minister of Education, Dr. Yaw Osei Adutwum, the Council Chairman, Prof. Al-Hassan Wayo Seini, the Vice-Chancellor, Prof. Seidu Al-hassan, the Pro-Vice-Chancellor, Prof. Elliot Haruna Alhassan and the Registrar, Mr. Nurudeen Issah Abubakar
- *March 13, 2024:* The Vice-Chancellor together with the new members of the University Governing Council undertook a familiarization tour of the various campuses of the University.
- *April 3, 2024:* The Vice-Chancellor led the inauguration of four (4) Research Fund Committees to spearhead state-of-the-art research and academic excellence in the University.
- *April 8, 2024:* UDS in collaboration with the University of York in the UK and Savannah Sahel Commodities Ltd. Have launched C-Real to tackle malnutrition.
- *May 3, 2024:* The Vice-Chancellor Addressed a Seminar on Female Empowerment at the UDS Guest House (ICC conference Hall) organized by UDS Center for Gender and Career Mentorship.
- *May 30, 2024:* The Managing Director of Hollard Life Insurance, Mr. Nashiru Iddrisu, accompanied by the Northern Regional Manager, Mr. Mutaru Abdul-Hamid, presented a cheque of GHS 11,500.00 to UDS Students Financial Aid Scheme.

- *May 30, 2014:* The Vice-Chancellor inaugurated a three (3) day landmark workshop between UDS and MasterCard Foundation.
- *June 19, 2024:* The Rt. Hon. Alban Kingsford S. Bagbin, Speaker of Parliament of the Republic of Ghana, paid a courtesy call on the Vice-Chancellor in his office, as part of a Public Forum held at the Multi-Purpose Auditorium of the University for Development Studies to celebrate “The Journey Thus Far”, as part of series of activities that are meant to commemorate the milestone achieved by Parliament and Ghana.
- *June 26, 2024:* A delegation from the World Food Programme (WFP) paid a courtesy call on the Vice-Chancellor in his office and donated fifty-five (55) Tablets to enhance data collection on the Third Trimester Field Practical Programme (TTFPP).
- *July 6, 2024:* The Council Chairman, Vice-Chancellor and some Management team from the University paid a courtesy call on His Royal Highness, Nyab Yakubu Andani Abdulai at the Yoo-Naa Palace in Savelugu to strengthen the existing bond of unity between the University and the Palace.
- *July 29, 2024:* Students from the McMaster University paid a courtesy call on the Vice-Chancellor in his office as part of an exchange program aimed at facilitating student exchange opportunities between the two universities.

## OFFICE OF THE REGISTRAR

The Office of the Registrar is responsible for the safe keeping of the University’s assets and documents, also coordinates all administrative activities of the various sections. The Office comprises the Registrar’s Secretariat, the Main Registry and the Postal Unit.

### Staff

| Name            | Qualification                                        | Rank/Position                                      |
|-----------------|------------------------------------------------------|----------------------------------------------------|
| Abubakar, N. I. | B.A., M.A (Ghana), CMC, ( ChPA)                      | Registrar                                          |
| Abdallah, Y.    | B.A. MBA (Ghana)                                     | Senior Assistant Registrar/<br>Head, Main Registry |
| Alhassan A.R.   | B.A (Ghana), MBA (Kumasi, Gh)                        | Assistant Registrar                                |
| Alhassan Z.     | B.A(Ghana), MA (The Hague), MA (Budapest), ChPA (Gh) | Assistant Registrar                                |
| Nina T. A.      | BSC(Ghana) MPhil (Ghana)                             | Assistant Registrar                                |

### Other Staff

The Office of the Registrar has a total of Eight (8) senior staff; two (2) in the Registrar’s Secretariat, The head of the Office of Registrar has (1) staff, two (2) in the Postal Unit, and Three (3) in the Main Registry.

### Main Registry

The Main Registry’s primary responsibility is to receive, dispatch and keep records of all correspondences on behalf of the Registrar. With a Data Based System, the Office is able to track all correspondences received and dispatched. It also serves as a point from which management decisions are communicated to staff of the University and other Stakeholders.

During the year under review, the Registry carried out the following activities:

- i. Preparing of staff documents for Internal Assessment for promotion to professorial ranks.

- ii. Processing of staff promotions documents for External Assessment
- iii. Collaborating with the University Library to verify and conduct plagiarism test on articles published in Research Journals
- iv. Communicating with External Assessors for their consent to assess staff documents for promotion and reminding them of the submission of the assessment reports
- v. Processing of honorarium payments for External Assessors
- vi. Processing of External Assessment Reports for the Human Resource Department to convene Appointments and Promotions Board Meeting to consider the assessment reports of staff
- vii. Receiving and sorting out of Solicited and Unsolicited applications from applicants.
- viii. Providing guidance to applicants to complete the Online Jobs Application Form and
- ix. Monitoring of the UDS Recruitment Platform.
- x. Opening of Nominations for the conduct of Deans and Vice Dean elections of all Faculties and Schools.

### **The Postal Unit**

The Postal Unit of the Registry is responsible for the receipt and dispatch of all incoming and outgoing correspondences on behalf of the Registry. Depending on the nature of the correspondences received, they are dispatched to its recipients in the various sections of the University, and some are called to pick their letters at the Unit.

During the year under review, the Unit has collaborated effectively with Courier Service Providers, notably; DHL, EMS, FedEx and IAS Ghana to improve on mails delivery services. Letters sent by the DHL and EMS can now be tracked via the internet to ensure proper delivery.

There has been significant improvement in the activities of the Registry, as the challenge of managing the large numbers of unsolicited applications has reduced with the introduction Of the UDS Recruitment Platform by the ICT Directorate.

## **DIRECTORATE OF ACADEMIC AFFAIRS**

The Directorate of Academic Affairs is one of the Directorates under the Office of the Registrar. The Directorate coordinates the implementation of academic decisions of the University and assists to implement academic policies of the University. The Directorate coordinates Academic Board, Executive Committee, Academic Programmes Committee, Admissions Board meetings and Convocation. It also provides administrative and clerical support to these Committees and Boards. The Directorate of Academic Affairs also performs Students Records Management, Admissions, Students Services.

### **Vision**

The vision of the Directorate of Academic Affairs is to deliver services that are in tangent with global best practices in order to reflect the current and future expectations of our students and all stakeholders.

### **Mission**

The ultimate mission of the Directorate of Academic Affairs is to provide excellent services that meet the expectations of students and other stakeholders.

**Activities for the 2023/2024 Academic Year**

During the year under review, the Directorate undertook the following activities:

- Prepared adverts for admissions for the 2024/2025 academic year
- Liaised with the ICT Directorate to release online application forms for sale to both undergraduate and postgraduate applicants
- Provided assistance to online admission applicants with challenges to apply successfully
- Did verification of results of WASSCE applicants for admission
- Attended to admission enquiries/queries by applicants
- With the approval of the Admissions Board, admissions for the 2024/2025 academic year have started and ongoing.
- Printed and issued certificates of successful graduates of both UDS and Affiliate institutions
- Responded to requests for verification of certificates of UDS graduates from Employers, Investigative Agencies, Academic Institutions
- Did certification of academic documents such as transcripts, certificates for institutions or graduates
- Coordinated the procurement of examination materials for the 2023/2024 academic year
- Prepared the academic calendar for the 2023/2024 academic year
- Processed students' deferments, resumption, attestation, introductory and english proficiency letters
- Prepared and circulated letters on disciplinary decisions and actions to students, etc
- Implemented recommendations on all examination malpractice reports by processing letters of withdrawal, repetitions rustication and cancellation of papers to affected students
- Did filling of students' documents on their files
- Provided administrative and clerical support to Academic Board, Executive Committee, Academic Programmes and Admissions Board and Convocation
- Prepared minutes of meetings of Academic Board, Executive Committee, Academic Programmes and Admissions Board Provided ID cards to fresh students
- Printed ID cards for students and staff ID. Also did replacement of ID cards

**Highlights of Some of the Activities****Congregation**

The Directorate was instrumental in the organisation of the 24<sup>th</sup> and April 2024 Congregations.

**Convocation**

The Directorate of Academic Affairs took part in the organization of the 2024 Convocation which was held on Friday, July 31, 2024. The Vice-Chancellor reported to Convocation on happenings over the last one year. His reported highlighted on academic affairs, finance, physical development, ICT, staffing, university governance, appointments and promotions.

**Admissions Board Meeting**

The Admissions Board meeting was held on July 10, 2024 to consider the admission of students for the 2024/2025 academic year. The decisions by the Admissions Board gave the Directorate the authority to commence the admission of students into various programmes. Currently, admissions are ongoing.

### Staff

The Directorate of Academic Affairs currently has fourteen (14) members of staff made up of six (6) senior members and eight (8) senior staff.

| <b>Name</b>          | <b>Qualification</b>                                                                 | <b>Rank/Position</b>             |
|----------------------|--------------------------------------------------------------------------------------|----------------------------------|
| <i>Yahaya, W.</i>    | <i>B.Ed. (UCC, Cape Coast, Gh), MPH. (KNUST, Kumasi, Gh), ChPA, CMC, (Accra, Gh)</i> | <i>Deputy Registrar/Director</i> |
| <i>Alhassan, I.</i>  | <i>BA. (UDS, Tamale, Gh), MPhil. (UDS, Tamale, Gh)</i>                               | <i>Asst Reg/ Head of Unit</i>    |
| <i>Adomako, R.O.</i> | <i>B.Sc., M.Phil. (Tamale, Gh)</i>                                                   | <i>Asst Reg/ Head of Unit</i>    |
| <i>Yakubu, N. R</i>  | <i>BSc (KNUST), MSc (Stuttgart), MGIP)</i>                                           | <i>Assistant Registrar</i>       |
| <i>Alhassan A. R</i> | <i>BA., (UG, Accra, Gh), MBA (KNUST, Kumasi, Gh)</i>                                 | <i>Assistant Registrar</i>       |
| <i>Ibrahim, U.</i>   | <i>BSc., (UDS, Tamale, Gh), MSc., (KNUST, Kumasi, Gh)</i>                            | <i>Assistant Registrar</i>       |

### DIRECTORATE OF PUBLIC AFFAIRS

The Directorate of Public Affairs (DoPA) is charged with the primary responsibility of projecting and sustaining the image/reputation of the University. The Directorate comprises of four (4) Departments, namely: 1. Department of Public Relations, Media and Documentation, 2. Department of Protocol and Events Management, 3. Coordination and Liaison Department and 4. Department of Alumni Relations.

### Staff

| <b>Name</b>         | <b>Qualification</b>                                                      | <b>Rank/Position</b>                  |
|---------------------|---------------------------------------------------------------------------|---------------------------------------|
| <i>Moomen, A.H</i>  | <i>M.Phil. (UCC, Cape Coast, Gh.), B.A. (Ghana), MMA, PMIR, IPMA (UK)</i> | <i>Snr. Asst. Registrar/ Director</i> |
| <i>Ansa, M. A.</i>  | <i>BSc (Ghana), MA (UEA, Norwich, UK)</i>                                 | <i>Snr. Assistant Registrar</i>       |
| <i>Ayuba, I. A.</i> | <i>B.A. (Ghana.), M.Phil. (KNUST, Kumasi, Gh)</i>                         | <i>Asst. Registrar</i>                |
| <i>Tahiru A. A</i>  | <i>B. A (KNUST, Kumasi, Gh), M.Phil ( UDS, Tamale, Gh)</i>                | <i>Asst. Registrar</i>                |
| <i>Alhassan Z.</i>  | <i>B.A(Ghana), M.A(Hague), MA (Budapest), ChPA (Gh)</i>                   | <i>Asst. Registrar</i>                |
| <i>Amoah B.</i>     | <i>MBA. BSc ( UCC, Cape Coast, Gh), ChPA</i>                              | <i>Jnr. Asst. Registrar</i>           |

The Directorate in Tamale has 2 permanent Senior Staff and about 10 other supporting staff who are made up National Service Persons, Students on Attachment and volunteers. In Accra, where the Coordination and Liaison Department is situated, twelve (12) permanent staff are manning the office. They include one (1) Chief Administrative Assistant, two (2) Principal Administrative Assistants, one (1) Senior Administrative Staff, two (2) Chief Drivers, four (4) Campus Guards II, and two (2) Cleaners. The Office usually requests one (1) National Service Personnel every year to assist in the implementation of its activities while serving as a learning center for the personnel.

### Department of Public Relations, Media and Documentation

During the period under review, this Department undertook a number of activities that included:

- Supervision of several media engagements both within and outside the university.
- Creation of relevant contents and updating of the University website as well as its other social media handles with current and relevant information.
- Updating the internal and external stakeholders with up-to-date information through bulletins, Newsletters, Special Releases, Brochures, and Flyers etc.
- Productions of videos and documentaries for the university
- Hosting of programmes and events

**Department of Protocol and Events Management**

This Department has independently, and in collaboration with other relevant outfits of the University coordinated a number of events, programmes and activities. It has also successfully handled the travels and hospitality needs of both internal and external guests of the University.

During the period under review, the Department organised:

- The Special or April Congregation
- The University’s 24<sup>th</sup> Congregation Ceremony
- Convocation and Council Meetings among others

**Coordination and Liaison Department**

The Coordination and Liaison Department is popularly referred to as the Accra Office of the University. It liaises with all the Campuses, Faculties, Directorates, Departments, Units and the Central Administration of the University in Tamale to provide essential services. These services are also extended to the Simon Diedong Dombo University of Business and Integrated Development Studies (SDD-UBIDS) and C. K. Tedam University of Technology and Applied Sciences (CKT-UTAS) which were created out of UDS by the government in 2019/2020. The office works hand in hand with various public and private institutions and individuals for the realisation of the set goals and objectives of the University.

**Major Activities****Responding to Public Enquiry**

During the period under review, the Department attended to several parents, prospective candidates, individuals and organizations that visited the office to make inquiries about admissions into the various programmes of the University and other matters. The Department provided them with the relevant answers and referred those it couldn’t resolve to the appropriate mediums including the University’s official website [www.uds.edu.gh](http://www.uds.edu.gh), the University’s official e-mail, [academicaffairs@uds.edu.gh](mailto:academicaffairs@uds.edu.gh) and the University’s official contact number, **030-3944335** provided on the website.

**Protocol Arrangement**

The Department, on behalf of the Directorate of Public Affairs (DoPA) and in collaboration with the Directorate of International Relations and Advancement (DIRA), coordinated all protocol activities during the period under review. Some of the activities included renewing passports, residence and work permits, processing and picking up visas, airport pick-ups, and making hotel reservations,

Some countries where protocol arrangements were facilitated for Senior Members and guests of the University were Nigeria, Kenyan, the United States of America, Germany, Turkey, Denmark, the United Kingdom, Japan, Dubai, Switzerland, and Eswatini.

**UDS Governing Council Activities**

The Department, in corroboration with the Office of the Registrar, the Council Secretariat and the Department of Protocol and Events Management facilitated travel arrangements for Council Members to participate in Council’s activities including meetings in Tamale. The Department links Management, the Council Secretariat, and the Council Members in the South.

**Goods Cleared and Conveyed to Central Administration**

During the period under review, the Section, in collaboration with the Procurement Directorate, the Office of the Pro-Vice-Chancellor, the School of Medicine, and the School of Public Health, received several consignments of Teaching and Learning Materials and Laboratory equipment that were bought or donated to the University by some Charity organisations.

**Follow-ups with Appropriate MDAs**

One of the strenuous activities of the Coordination and Liaison Department is making follow-ups on issues of the University with the appropriate Ministries, Departments and Agencies (MDAs) including relevant institutions such as the Seat of Government (Presidency), Ministry of Finance, Ministry of Education, Ministry of Health, Ministry of Foreign Affairs and Regional Integration, Ministry of Roads and Highways, Ministry of Communications & Digitization, the Controller and Accountant General’s Department, Ghana Health Service, Ghana Education Trust Fund (GETFund), Nurses & Midwifery Council, Medical & Dental Council, Ghana Tertiary Education Commission (GTEC), Vice-Chancellors Ghana Secretariat (VCG), the West African Examination Council (WAEC), Passport Office, Ghana Immigration Service, Commercial Division in the High Court of Justice, the United Nations Development Programme (UNDP), Registrar General’s Department, Tema Development Corporation (TDC), some High Commissions and Embassies in Accra and some Financial Institutions. The Office also represented the University on some functions.

**Project Supervision**

The Section keeps an eagle eye on the University’s parcels of land situated at South Legon and Tema. Both properties are in good shape. Some investors have expressed interest in developing the parcel of land situated at the South Legon and this is receiving the necessary attention by management.

**UDS Guesthouse, Accra**

The Coordination and Liaison Department has an oversight responsibility over the activities of the UDS Guesthouse in Accra. As part of the accountability mechanisms put in place at the Guesthouse, the Head of Department (HoD) Coordination and Liaison otherwise, known as the Accra Office is the Principal Signatory to the Guesthouse Operational Account. By virtue of this position, he always vets their requests and offers technical and analytical advice to ensure value for money.

**Department of Alumni Relations**

The Department of Alumni Relations is created to maintain and strengthen the relationship between the University and its graduates both withing and without. The office is responsible for developing strategies to engage alumni and foster a sense of community among graduates. It also organizes events, reunions, and networking opportunities to connect alumni with each other and the institution.

During the period under review:

- The Department in collaboration with the Alumni Association, organized the maiden “Developer Dialogue Series” in Accra. This event brought together several prominent alumni from all walks of life to discuss possible ways for the Alumni to contribute to the development of the university whiles maintaining a lifelong connectivity.

- The Office also aided many alumni to process their academic documents such as certificates, transcripts and other relevant documents.
- The Department profiled the University alumni who attained successes in their chosen career paths. Prominent among them are: Hajia Salima Ahmed Tijani who was appointed on the Electoral Commission Governing Board, Mr. Abubakar Tahiru who got on Guinness world Record Book as the man who hugged most in an hour, Dr. Sarpong Harmon Antwi who won the Dundalk IT Postdoctoral Fellowship among others.
- The Department of Alumni Relations is building a database to collect the profile of UDS alumni across the globe for easy communication and connectivity.
- The Alumni is in the process of supporting the university to construct a gatehouse on Nyankpala Campus,

## DIRECTORATE OF GENERAL ADMINISTRATION

### Introduction

The Registry of the University has several Directorates. The General Administration is one of the Directorates of the Registry. The Directorates have Responsibility for Transport, Security and Municipal Services.

### Staff

| Name                  | Qualification                                                  | Rank/Position                                            |
|-----------------------|----------------------------------------------------------------|----------------------------------------------------------|
| <i>Iddrisu, M. T.</i> | <i>B.A, (Ghana) M.Ed. (IIUM, Malaysia) PhD (Leicester, UK)</i> | <i>Deputy Registrar/Director, General Administration</i> |
| <i>Iddrisu A. M.</i>  | <i>B. A Ghana, M.A Ghana, PhD. Mangalore, India</i>            | <i>Snr Asst. Registrar/ Head Municipal Services</i>      |
| <i>Victoria, T.</i>   | <i>B.Ed. Mgt. (UEW, Gh) MBA. (SMC, Swit).</i>                  | <i>Assistant Registrar</i>                               |
| <i>Hamza Z. A.</i>    | <i>B.A, (UDS) MSc (KNUST, Gh)</i>                              | <i>Snr Admin. Assistant</i>                              |

### Activities

Within the year under review, the Office had a working relationship with the following Organisations/Institutions in diverse ways.

- Driver and Vehicle Licensing Authority, Tamale
- GT Bank, Tamale
- Japan Motors Limited, Tamale
- Ghana Education Trust Fund (GETFund), Accra
- KEK Insurance Brokers Limited, Tamale
- Gemini Life Insurance (GLICO)
- Glico Health Care Insurance Limited, Tamale
- ECOBANK Ghana Limited, Tamale

These companies and organizations provided services that included but were not limited to the provision of fast loans, categories of insurance coverage; introduction of new products, and sale of products to staff on a credit basis.

A workshop for Cleaners and Labourers of the University on work Ethics was organized. The training programme demonstrated the art of h\gardenng and grounds management. A second workshop was organized for the staff of the University security services in crime detection and crime scene management. The section participated in several investigative committees involving disciplinary issues. In promotions and upgrading, the Office participated in interviews for the promotion of drivers and security officers due for promotion.

## DIRECTORATE OF HUMAN RESOURCE AND ORGANISATIONAL DEVELOPMENT

### Introduction

The Directorate of Human Resource and Organisational Development (DHROD) is under the Office of the Registrar. The Directorate comprises the Departments of staff Welfare, Training and Development, HR Planning and Research, and Payroll Administration, Department of Industrial Relations and Staff Grievances, and the Department of Records, Appointments & Promotions, and Separations. The core mandate of the Directorate is to manage the University’s human resource to ensure sustainable growth and development of the institution.

### Staff

| Name         | Qualification                                                                                  | Rank/Position                                                                 |
|--------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| Mohammed, A. | B.A., MA. (Ghana), PhD (Ilorin, Nigeria)                                                       | Deputy Registrar/Director, DHROD                                              |
| Alhassan, A. | B.A. (Ghana), MBA (KNUST, Kumasi, Gh.)                                                         | Asst. Registrar/Head, Training and Development                                |
| Alhassan, I. | HND, Cert., Edu., BBA, MA. MPhil, (Gh), MBA (Switzerland), PGD Data Sci. (USA), ChPA, CMC (Gh) | Asst. Registrar/Head, HR Planning and Research, and Payroll Administration    |
| Abukari, A   | BA, M.Phil. (Tamale)                                                                           | Asst. Registrar/ Ag. Head Records, Appointments & Promotions, and Separations |
| Isaac, E.D.  | HND (Tamale) B.Com.(Cape Coast), MPM (China) PhD (China)                                       | Asst. Registrar/Head, Department of Staff Welfare                             |
| Iddi, A. A.  | HND (Takoradi), BBA (Ghana), MBA (Cape Coast) ChPA (Gh)                                        | Asst. Registrar/ Ag. Head of Industrial Relations and Staff Grievances        |

The Directorate is also supported by two (2) Principal Administrative Assistants, eight (8) Senior Administrative Assistants, one (1) Administrative Assistant, and one (1) Chief Clerk.

### Department of Records, Appointments/Promotions and Separations

#### Appointments and Promotions of Staff

##### Senior Members Appointments

The Department rolled out an advertisement for the recruitment of academic staff into three faculties/schools of the University. These were School of Veterinary Sciences, Faculty of Law and the School of Dentistry. The Directorate also facilitated the temporary appointment of forty (40) applicants (teaching and non-teaching), pending interviews to regularize their appointments.

### **Senior Members Promotions**

The Senior Members Appointments and Promotions Board met a number of times and recommended the promotion of Senior Members (Teaching and Administrative/Professional class) to various grades. The table below contains a summary of the promotions.

| Professors | Associate Professors | Senior lecturers | Administrative/Professional | Total |
|------------|----------------------|------------------|-----------------------------|-------|
| 8          | 12                   | 20               | 7                           | 47    |

During the 2023/2024 academic year, a total of **twenty-five (25) Senior Staff** were also appointed to Senior Member positions (teaching and administrative/professional).

### **Senior Staff Promotion**

Regarding Senior Staff promotions, one Hundred and Forty-One (141) staff comprising, administrative/professional staff were promoted into various ranks in the Senior Staff category upon the recommendations of the Senior Staff Appointments and Promotions Committee.

### **Junior Staff Promotions**

In the case of Junior staff promotions, a total of eighty (80) Junior Staff were interviewed and promoted to various Junior Staff ranks based on the recommendation of the Appointments and Promotions Committee.

### **Appointment of Headships**

The Directorate also facilitated the appointments of internal headships to Schools/Faculties, Directorates, and Centres for both teaching and non-teaching staff. These appointments include Deans, Directors, Deputy Directors, Vice-Deans, Heads of Departments, Senior Hall Tutors, Departmental Heads, Unit Heads, DCROP Coordinators, Examination Coordinators, and so on.

### **Staff Movements**

The Department also facilitated the transfer/movement of staff of UDS from SDD-UBIDS, and CKT-UTAS. This is in line with the Memorandum of Agreement (MoA) signed by the Management of these Universities to offer staff opportunities to move to any University of their choice. Table 3 below contains the summary of staff movements during the period.

**Staff Movement Table**

| ARRIVALS            |                       | DEPARTURES             |                      |       |
|---------------------|-----------------------|------------------------|----------------------|-------|
| FROM CK-UTAS TO UDS | FROM SDD-UBIDS TO UDS | FROM UDS TO SDD- UBIDS | FROM UDS TO CK- UTAS | TOTAL |
| 2                   | -                     | 1                      | 4                    | 7     |

### **Retirements**

During the 2023/2024 academic year, fourteen (14) members of staff proceeded on retirement at the statutory age of sixty (60) years. This is made up of six (6) Senior Members, three (3) Senior Staff, and five (5) Junior Staff. The breakdown is indicated in the table below:

*Summary of List of Retirees*

| Senior Members |              | Senior Staff | Junior Staff | Total |
|----------------|--------------|--------------|--------------|-------|
| Teaching       | Non-Teaching | -            | -            |       |
| 3              | 3            | 3            | 5            | 14    |

**Resignations**

During the year under review, a total of eight (8) members of staff voluntarily resigned from the services of the University.

**Deaths**

Seven (7) members of staff passed on to eternity during the 2023/2024 academic year.

**Department of Training and Development****Introduction**

The primary function of the Department is to identify and provide the training needs of staff, to equip them with the requisite knowledge, skills, and abilities required for effective job performance that will enable the University to achieve academic and administrative excellence. The Department also enforces strict compliance with the rules and regulations governing all kinds of leave rights.

**Processing of Leave Applications**

The Department during the period under review, processed 448 leave applications of staff, and these were granted approval by Management. The applications comprised 379 Annual Leave, 44 Study Leave, 18 Maternity Leave and 7 Leave of Absence. A summary of the various kinds of leave processed and approved by Management is presented in the table below:

**Table: 1**

| Type of Leave    | Number     |
|------------------|------------|
| Annual Leave     | 379        |
| Study Leave      | 44         |
| Maternity Leave  | 18         |
| Leave of Absence | 7          |
| <b>TOTAL</b>     | <b>448</b> |

**Staff Expected to Complete and Return from Study Leave**

Within the period under review, thirty (36) staff were expected to complete and return to their duty posts. As at the time of compiling this report, only four (4) staff had resumed duty.

**Study Leave Extension**

Four (4) teaching staff who were not able to complete their study programmes within their approved study leave period, requested for an extension and were granted approval.

**Staff Capacity Building Training Workshop**

The Department, during the period under review, organized and coordinated a number of Capacity Building Training Workshops for the Academic and Administrative/Professional staff. The workshops include the following:

1. Workshop for Budget Holders; Deans/Directors, Heads of Department, Campus/Faculty Officers, Campus/Faculty Accountants, Campus/Faculty Internal Auditors & Faculty Examination Officers. The workshop was part of ongoing efforts by the University Management to enhance financial management and promote collaboration across the University.
2. Workshop for teaching staff on the Effective Use of the University Campus Manager (UCM), aimed at providing staff with practical skills and knowledge to enable them utilize the UCM effectively.
3. Workshop for Lecturers in the Clinical Sciences of the School of Medicine, to equip them with the necessary skills and knowledge to be able effectively deliver new programmes. This was part of the School's preparations towards the introduction of PhD and MPhil in Clinical Science programmes.
4. Capacity Building training for Junior Assistant Registrars and Assistant Registrars in the Registry Department. The workshop was part of ongoing efforts by the Office of the Registrar to enhance staff skills and knowledge in minutes and reports writing, and advance techniques for professional documents processing to be able to service University Committees effectively.
5. Training Workshop for the Security staff of the University, aimed at improving their knowledge and skills in the management of crime. The training was organised by the Department of Peace and Security Studies of the Faculty of Sustainable Development Studies, in collaboration with the Northern Regional Police Command.

**Routine Activities**

The Department continued processing of staff applications for all kinds of leave, and collaborated with relevant Departments to facilitate staff development initiative.

**Department of Staff Welfare****Introduction**

The main function of the Welfare Department is to promote the well-being of staff. It organizes welfare packages for staff during funerals, outdooring, sicknesses, weddings and retirements. It also coordinates the activities and operations of the University Staff Welfare Association.

**Core Activities**

Considering the period under review, the department has carried out several activities based on its three-core mandate areas: Welfare Services Board, University Welfare for Staff and the UDS Welfare policy. The following are the details under each of the areas:

**1. Welfare Services Board**

The Department served as the secretariat to the Welfare Services Board of the University. The Pro-Vice-Chancellor with the Head of the Welfare Department as the secretary chaired the Welfare Services Board. The Board continued its commitments towards ensuring that issues that bordered on the welfare of staff and students of the University were well discussed and implemented. These included conducive

workplace for staff, conducive lecture halls for students, and security situation on the campuses of the University.

## **2. University Welfare for Staff**

Sections of the Unified Conditions of Service for the Unionized Staff were implemented during the period under review. The key provisions carried out were Article 38 and 39, consisting of death of spouse/ child and death of an employee respectively. In this regard, eighteen (18) staff lost their spouses and fifteen (15) staff lost their children. In accordance with Article 38, the Department made the necessary arrangements for the affected staff to be paid the funeral grants and for staff to attend the final funeral rites.

## **3. UDS Staff Welfare**

The department is the secretariat for the implementation of the University Staff Welfare Policy. The policy is a collaboration of the staff of UDS towards supporting each other in times of need. The department carried out the following activities in relation to the Staff Welfare Policy,

1. Processed 205 applications for childbirth benefits and made a payment to the beneficiaries
2. Processed 42 applications for marriage benefits and made payments to the beneficiaries.
3. Visited sick staff at home and in the hospitals.
4. Facilitated the payment of health benefits to staff who were on admission for more than one week.
5. Facilitated the payment of benefits for the death of parent to 147 applicants.
6. Facilitated the payment of benefits for the death of a spouse to 18 applicants
7. Facilitated the payment of benefits for the death of a child to 15 applicants.
8. Organized staff to attend the funerals of staff and their relations as captured in the Welfare Policy document.

## **Department of Human Resource Planning, Research, and Payroll Administration**

The Department serves as the University's data hub. Its core mandate is to manage and maintain up-to-date electronic records of staff and student data, and to provide this information to both internal and external University stakeholders. During the period under review, the Department undertook the following activities:

### **Processed Staff and Student Data to Facilitate 2025 Budget Estimation**

During this period, the Department collaborated with the Finance Directorate to process staff and student data in support of the University's 2024/2025 academic year budget estimates. Specifically, the analysis included exits (retirees, resignation, terminations and deaths) for the 2023/2024 academic year, promotions and recruitments for the ensuing academic year.

### **Digitization of Staff Records**

The Department, in collaboration with the ICT Directorate, is undertaking a comprehensive digitization of all staff records. This initiative comprises three phases: First, staff data is being entered into the Human Resources Management System developed by the ICT Directorate. The second phase entails scanning and uploading of important documents such as certificates and study leave letters of staff.

Thirdly, upload of the passport pictures of staff forms the third phase. The first phase of the staff records digitization process, which is still on-going, is about 61 per cent completed.

### **Digitization of Staff Records**

The Department has initiated discussions with relevant offices regarding the production of this year’s graduation book - Basic Facts, Statistics and Graduands List; for the upcoming November 2024 Congregation. During the reporting period, the required data for the Basic Facts and Statistics components of the book were gathered for further analysis and generation of relevant insights.

### **Routine Activities**

The Department continued to manage the University’s data. It facilitated the work of other departments (Finance, Academic Planning and Quality Assurance, the Academic Affairs Section, on so on) by furnishing them with data. The Department also provided data to students and staff who needed data of all kinds on the University for scholarly and professional writing.

### **Conclusion**

The Directorate was very responsive to the demands of staff and Management during the reporting period. It continued to serve staff with magnanimity. Series of meetings were well organized in good time to assess the reports of Senior Members and for Junior and Senior Staff to be interviewed and promoted to various ranks, and appointment letters were issues within a week after the meetings. Data and Documents were processed as soon as possible for Management decision making and the decisions were communicated to staff concerned as soon as possible. Staff welfare issues, study leave and related matters were expeditiously handled.

## **UNIVERSITY LIBRARY**

The UDS Library aims to curate and offer access to a diverse and relevant collection of information in various formats for students, faculty, and the public while maximizing the use of this information to support development and lifelong learning. The UDS Library system includes the Nyankpala, Tamale, City Campus, and TTH Libraries. All primary Library activities are centralized and managed by the main Library situated at Nyankpala.

### **Office of the Librarian:**

| <b>Name</b>            | <b>Qualification</b>                                                                         | <b>Rank/Position</b>                                   |
|------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------|
| <i>Thompson, E. S.</i> | <i>Dip. Ed. B.A., (UCC, Cape Coast, Gh), P.G.D Lib., MPhil (Ghana)</i>                       | <i>University Librarian</i>                            |
| <i>Alandu A. J.</i>    | <i>Dip., B.A., Bsc. M.S. (UCC, Cape Coast, Gh.), M.B.A., Prof. Membership., (CIAMC- Gh.)</i> | <i>Junior Assistant Registrar Head, Administration</i> |

**Staff**

| <b>Name</b>              | <b>Qualification</b>                                                                       | <b>Rank/Position</b>                                                          |
|--------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| <i>Appiah, D. K</i>      | <i>B.A. (UEW, Winneba, Ghana),<br/>M.A., MPhil (Ghana)</i>                                 | <i>Senior Assistant Librarian Head,<br/>Collection Development Department</i> |
| <i>Akeriwe, M. L.</i>    | <i>Dip. Lib., B.A., (Ghana),<br/>MIT, (UP, South Africa)<br/>PhD (Unisa, South Africa)</i> | <i>Senior Assistant Librarian/ Head,<br/>Information Services Department</i>  |
| <i>Aikins, A. A.</i>     | <i>B.Sc. (KNUST, Kumasi, Ghana),<br/>MPhil. (UDS, Tamale, Ghana)</i>                       | <i>Assistant Librarian/Head, Tamale<br/>Campus Library</i>                    |
| <i>Bumbie-Chi, D. M.</i> | <i>B.A. (UDS, Tamale, Gh), M.A.,<br/>MPhil (Ghana)</i>                                     | <i>Assistant Librarian</i>                                                    |
| <i>Danoso, E.</i>        | <i>B.Sc., M.A., MPhil (Ghana), MSc.<br/>(Sikkim Manipal University, India)</i>             | <i>Assistant Librarian/ Head,<br/>Technical Services Unit</i>                 |
| <i>Ofori, R. A</i>       | <i>B.A., (UDS, Tamale, Gh), M.A.,<br/>MPhil (Ghana)</i>                                    | <i>Assistant Librarian/ Head,<br/>Institutional Repository</i>                |
| <i>Alua, M. A.</i>       | <i>B.A., M.A., MPhil. (Ghana), MPhil (UDS,<br/>Tamale, Ghana)</i>                          | <i>Assistant Librarian/Head,<br/>Electronic Services Unit</i>                 |
| <i>Mohammed, H.</i>      | <i>H.N.D, (TaTU, Tamale, Gh), B.A.,<br/>(UDS, Tamale, Gh), M.A., MPhil (Ghana)</i>         | <i>Assistant Librarian Head, City<br/>Campus Library</i>                      |
| <i>Akeriwe, A. G.</i>    | <i>HND (STU, Sunyani, Gh), B.A., (UEW,<br/>Winneba), MPhil (Ghana)</i>                     | <i>Junior Assistant Librarian/ Head,<br/>Reader Services</i>                  |
| <i>Issah, D.</i>         | <i>B.A., MPhil. (Ghana)</i>                                                                | <i>Junior Assistant Librarian</i>                                             |
| <i>Inusah, M. B.</i>     | <i>M.A., (U.G.), MPhil., (UDS, Tamale, Gh.),</i>                                           | <i>Junior Assistant Librarian</i>                                             |

**Major events:**

- **Staffing:**

The University Library has a staff strength of thirteen (13) senior members, forty-eight (48) senior staff and nine (9) junior staff.

During the year under review, four (4) senior staff successfully had their promotions and upgrading.

- **Visits:**

Several accreditation teams, notably the Faculty of Law and the Faculty of Industrial Art and Technology, visited the Library for accreditation and re-accreditation of various programmes.

- **Activities:**

Some of the activities the Library undertook for the year under review were;

- The Library, in collaboration with the Regional Maritime University and the ORCID organisation, organised a training programme for researchers and Librarians in the tertiary and research institutions in the five northern regions of Ghana.
- Various refresher courses and workshops were organised for Library staff during the year.
- The Library continues to teach information literacy courses to university students.
- The Library has organised several training sessions for faculties and students during the year.
- The Library also teaches the cross-cutting lectures organised by the Graduate School.
- The Library participated in the maiden IIR Research Week celebration
- The Library also hosted three graduate students from the University of Cape Coast for their academic attachment.

- The Library hosted an Erasmus Scholar on a one-week attachment to the Library.
- The Library was able to publish the first issue of the UDSIJD for the year.

### Publications:

#### Akeriwe, M. L.

Akeriwe, A. G., and **Akeriwe, M. L.** (2024). E-Resource Promotion in Academic Libraries in Ghana: The Case of the UDS Library. UDS International Journal of Development, Vol. 11. No.1.

**Akeriwe, M.L.**, Bumbie-Chi, D. M., and Alua, M. A. (2024). Exploring the effect of COVID-19 on the usage of virtual library services at the University for Development Studies Library. Ghana Library Journal - 2024, Vol.29 (1) p.1-62.

#### Akeriwe, A.G.

**Akeriwe, A. G.**, and Akeriwe, M. L. (2024). E-Resource Promotion in Academic Libraries in Ghana: The Case of the UDS Library. UDS International Journal of Development, Vol. 11. No.1.

#### Issah, D.

Issah, D. and Mohammed, A. (2024). The Availability, Awareness and Utilization of Ghanaian Language Materials in Libraries: The Case of Colleges of Education in the Northern Region of Ghana, Journal of Applied Language and Culture Studies. Vol. 7. No. 1.

#### Alua, M. A.

Akeriwe, M. L., Bumbie-Chi, D. M. & **Alua, M. A.** (2024). Exploring the effect of Covid-19 on usage of virtual library services at the University for Development Studies Library. *Ghana Library Journal*, 29(1). <https://dx.doi.org/10.4314/glj.v29i1.4>

## PROCUREMENT DIRECTORATE

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| <b>Directorate</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Procurement                                                     |
| <b>Report period</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 <sup>st</sup> April, 2024 to 30 <sup>th</sup> September, 2024 |
| <b>Report Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 29 <sup>th</sup> October, 2024                                  |
| <b>Submitted By</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Ag. Director of Procurement                                     |
| <b>1.0 Executive Summary:</b><br>The Second and Third quarters of 2024 combined saw some major procurement activities. Contracts were awarded for the procurement of goods, works and services. The major ones included; <ul style="list-style-type: none"> <li>i. Provision of internet connectivity Projects – Lot 1, 2, 3 and 4</li> <li>ii. Provision of cleaning services for the Silver Jubilee building at the Nyankpala Campus of UDS</li> <li>iii. Supply and Installation of 5-Persons Lift for WACWISA Block</li> <li>iv. Construction of 7-Storey Hostel block at the Nyankpala Campus for GUSSS</li> <li>v. Consultancy Services for the construction of 7-Storey Hostel block at the Nyankpala Campus for GUSSS</li> <li>vi. Construction of General Stores for Nyankpala Campus of UDS</li> <li>vii. Supply and Installation of Generators for UDS</li> </ul> |                                                                 |

- viii. Supply of Furniture for Computer Laboratory
- ix. Supply of 1No. Saloon car for Directorate of Internal Audit
- x. Supply and Installation of Computers and Accessories for UDS

A total of **One Hundred and Thirty-Seven Million, Ninety-One Thousand, Five Hundred and Fifteen Ghana Cedis, Fifty-Six Pesewas (GH¢ 137,091,515.56)** were spent on the procurement of goods, works and services in the Second and Third quarters. The breakdown are as follows;

#### **SECOND QUARTER**

- a. April - GH¢ 1,142,362.99
  - b. May - GH¢ 1,037,877.53
  - c. June - GH¢ 4,349,172.02
- Second Quarter Total Expenditure - GH¢ 6,529,412.54**

#### **THIRD QUARTER**

- d. July - GH¢ 1,366,444.89
  - e. August - GH¢ 205,683.98
  - f. September - GH¢ 128,989,974.15
- Third Quarter Total Expenditure - GH¢ 130,562,103.02**

Details are in the appendix attached.

### **1.1 Introduction**

The Directorate of Procurement now reports direct to the Vice-Chancellor. The Directorate has two Departments; Procurement Planning and Contract Management and the Local Purchases Departments. The Directorate also has procurement staff at the various campuses.

All procurement activities in the University are coordinated by the Directorate. Procurement Directorate also ensures that all the Procurement activities are conducted in accordance with the Public Procurement Act 2003 (Act 663) as amended.

The overall objective of the Directorate is to provide value for money in the procurement of goods, works and services by ensuring that the University’s funds are spent in a judicious, transparent, efficient and fair manner.

The main functions of the Directorate include but not limited to;

- i. Coordination and preparation of procurement plans
- ii. Receipt and review of approved procurement request to ascertain that the proposed procurement is within the approved procurement plan and that budgeted funds available for the specified procurement activity.
- iii. Ensuring that funds are committed prior to the execution of contract
- iv. Coordinate the preparation of the under listed tender documentations;
  - Specification
  - Terms of reference
  - Bills of quantities
  - Drawings

- Shortlist
  - Adverts
  - Prequalification documents and other tender documents
- v. Submission of documentation for review and approval by the tender committee prior to issue if so required
  - vi. Coordinating the process of opening of tenders and quotations
  - vii. Participation in tender evaluation

## 1.2 Activities: Summary Description

The Tender Committee of the University held four (4) meetings in the second and third quarters of 2024.

**1.2.1** The first meeting of the Tender Committee was held on Thursday, May 23, 2024.

### Agenda:

Visitation of projects at the various campuses of the University.

The projects visited by the Tender Committee were;

### Nyankpala Campus

- a. The West Africa Center for Water irrigation and Sustainable Agriculture (WACWISA) block.
- b. Construction of 4-Storey Lecture Hall and Offices Block at the Nyankpala campus
- c. Completion of 4-Storey Lecture Hall and Offices Block at the Nyankpala campus
- d. Construction of three (3) - Storey Lecture Hall and Offices Block at Nyankpala Campus (Silver Jubilee Building)

### City Campus

- e. Uncompleted Six (6) – Storey building for Institute for Distance Learning

### Tamale Campus

- f. Construction of Six (6) – Storey School of Nursing and Midwifery block at the Tamale campus
- g. Completion of 2-Storey 4-Unit 2-Bed blocks of flat at the Tamale Campus
- h. Construction of 2No. 300-Seater Auditorium at the Tamale campus
- i. Completion of Students’ Dissection Rooms and Laboratory Installation for the School of Medicine at the Tamale campus

**1.2.2** The second meeting of the Tender Committee was held on Friday, May 24, 2024 at the Council Chamber (Room 140), Central Administration

### Agenda

- j. To take decisions on recommendations made by tender evaluation panels on the following tenders:
- k. Provision of Campuses Internet Connectivity Projects – Lot 1, 2, 3 and 4
- l. Provision of cleaning services for the Silver Jubilee building at the Nyankpala camps

**1.2.3** The third meeting of the Tender Committee was held on Wednesday, June 26, 2024 at the Council Chamber (Room 140), Central Administration

**Agenda**

To take decisions on recommendations made by tender evaluation panels on the Supply and installation of 5-Persons Lift for WACWISA block

**1.2.4** The fourth meeting of the Tender Committee was held on Friday, September 6, 2024 at the Council Chamber (Room 140), Central Administration

**Agenda**

- a. To take decisions on recommendations made by tender evaluation panels on the following tenders:
  - i. Construction of 7-Storey Hostel block at the Nyankpala Campus for GUSSS
  - ii. Consultancy Services for the construction of 7-Storey Hostel block at the Nyankpala Campus for GUSSS
  - iii. Construction of General Stores for Nyankpala Campus of UDS
  - iv. Supply and Installation of Generators for UDS – Lot 1 and 2
  - v. Supply of Furniture for Computer Laboratory
  - vi. Supply of 1No. Saloon car for Directorate of Internal Audit
  - vii. Supply and Installation of Computers and Accessories for UDS
  - viii. Supply of 4x4 Double Pick-Up
  - ix. Supply 1No. Saloon Car for Office of the Pro-Vice-Chancellor
  - x. Supply of 1No. Station Wagon
  - xi. Supply of 1No. 60-Seater Bus

**1.3 Key Outputs/Decision/Successes/Achievements**

The contractors for the following projects are on site and works are steadily progressing.

- i. Construction of 7-Storey Hostel block at the Nyankpala Campus for GUSSS
- ii. Consultancy Services for the construction of 7-Storey Hostel block at the Nyankpala Campus for GUSSS
- iii. Construction of General Stores for Nyankpala Campus of UDS
- iv. Provision of campuses internet Connectivity Projects
  - a. Lot 1 – Internet Services Provider
  - b. Lot 4- Provision of Voice Over Internet Protocol
  - c. Lot 2. Campus Fibre Optic Network
- v. Provision of cleaning services for the Silver Jubilee building at the Nyankpala campus of UDS

The Supply and Installation of Generators for UDS – Lot 1 (Supply and installation of Generator for City Campus of UDS) has been installed Supply of Furniture for Computer Laboratory.

The supply of the following have been awarded pending deliveries;

- i. Supply of 1No. Saloon car for Directorate of Internal Audit
- ii. Supply and Installation of Computers and Accessories for UDS – Lot 2 (Supply and installation of 40KVA UPSs for UDS)

The evaluation reports of the following projects have been sent to Central Tender Review Committee for Concurrent approval;

- i. Supply of 4x4 Double Pick-Up
- ii. Supply 1No. Saloon Car for Office of the Pro-Vice-Chancellor

|                                                                                                                                                                                                                                                                                                                                                                                                                                 |                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| iii.                                                                                                                                                                                                                                                                                                                                                                                                                            | Supply of 1No. Station Wagon |
| iv.                                                                                                                                                                                                                                                                                                                                                                                                                             | Supply of 1No. 60-Seater Bus |
| <b>1.4 Challenges/Problems</b><br>The disconnect between the Central Tender Review Committee (CTRC) and the Ghana Electronic Procurement Systems (Ghaneps) platform.<br>This makes it difficult in getting concurrent approval of evaluation reports at the CTRC. The CTRC always demand information which use to be in the manual procurement process but with the Ghaneps process, some of the information are no more there. |                              |
| <b>1.5 Solutions/Recommendations</b><br>The Directorate is appealing to management to involve key user departments or directorates in the compilation of the University budget. This would ensure that all the intended major projects are captured in the University budget.                                                                                                                                                   |                              |
| <b>1.6 Conclusion</b><br>The second and third quarters of 2024 saw some successes and setbacks but the Procurement Directorate is working assiduously to overcome the setbacks that we encountered.                                                                                                                                                                                                                             |                              |

## DIRECTORATE OF INTERNAL AUDIT

The Internal Audit Directorate has a staff strength of 16 of which 8 are Senior Members and 8 senior staff with no junior staff.

The senior members and their qualifications are as follows.

### Staff

| Name           | Qualification                                                                                   | Rank/Position              |
|----------------|-------------------------------------------------------------------------------------------------|----------------------------|
| Abubakari, A   | B.A, (UDS, Tamale, Gh), MBA (UCC, Cape Coast, Gh), FCCA (Glasgow, UK)                           | Director, Internal Audit   |
| Donpalla, S. D | B. Com, (UCC, Cape Coast, Gh.), MBA, (Wolverhampton, UK.), PhD, (UDS, Tamale, Gh.), CCFA, (USA) | Senior Internal Auditor    |
| Parry, I. K    | FCCA (Glasgow, UK), M.Sc,( KNUST, Kumasi, Gh.)                                                  | Senior Internal Auditor    |
| Alhassan, D.   | B. Com, (UCC, Cape Coast, Gh, MBA (UPSA, Accra, Gh)                                             | Internal Auditor           |
| Don, P. A.     | B.Sc, MSc, ( KNUST, Kumasi, Gh), ICA (Accra, Gh.)                                               | Assistant Internal Auditor |
| Adongo, R.     | B.Sc, (UPSA, Accra, Gh), M.Sc, ( KNUST, Kumasi, Gh.), ICA,(Accra, Gh.)                          | Assistant Internal Auditor |
| Mohammed, A.R. | BBA, MBA, (VVU, Accra, Gh.)                                                                     | Assistant Internal Auditor |
| Afari, C.      | B.Sc ( CUCG, Fiapre, Gh.), MBA ( UG, Legon, Gh.)                                                | Assistant Internal Auditor |

### Published Articles by: Stephen Delle Donpaala (PhD)

This excludes conference papers, books and other unpublished position (technical) papers:

**Donpaala, S.D & Wemah S (2022):** An Examination of Convicted Fraud Cases in Ghana Between 1997-2016: Studies from a Gender Perspective; Journal of Finance and Accounting; Vol. 13. No. 14, 2022 -ISSN-2222-1697

- Donpaala, S.D (2022):** Corruption in Ghana; A Historical Perspective under the 4<sup>th</sup> Republic (1992-2020): Journal of Finance and Accounting; Vol.13. no. 12, 2022 -ISSN2222-1697
- Donpaala, S.D, Dodoo M, & Acheampong F.O (2022):** An Examination of Societal Values Norms and its Impact in the Fight Against Fraud and Corruption: A Case Study of the Sisaala People in the Lambussie Traditional Area of the Upper West Region: Journal of Finance and Accounting; Vol.13 No.12, 2022 – ISSN-2222-1697
- Donpaala, S. D, & Parry (2022):** Impact of the Central Government’s Deficit on Public Tertiary Education Funding in Ghana: Journal of Finance and Accounting; Vol. 13 No. 22, 2022-ISSN-1697
- Donpaala, S.D & Mohammed, A.R (2023):** From Corruption to State Capture: Assessing the Relevance of Anti- Corruption Institutions in Ghana: International Journal on Economic. Finance & Sustainable Development- E-ISSN-2620-6269; Vol.5 No.7 July,2023
- Donpaala, S.D & Dauda, A (2023):** An Evaluation of the Independence of Ghana’s Anti-Corruption Institutions: International Journal of Economics, Finance & Sustainable Development- E-ISSN-2620-6269; Vol. 5 No.7 July, 2023
- Donpaala, S.D (2023):** Portfolio That Constitutes Risk-Free Investments for Purposes of Effective Pension Planning and Management in Ghana: International Journal of Economics, Finance and Sustainable Development; Vol. 05, No. 7-12, 2023
- Donpaala, S.D, Musah. A & Dabuo E.Y (2003):** An Assessment of Ghana’s Corruption Struggle: The Role of Political Parties; International Journal of Economics, Finance & Sustainable Development- E-ISSN-2620-6269; Vol. 5 No.8 July, 2023
- Donpaala S.D & Don P.A (2023):** Tertiary Education Funding at a Turning Point: Using Marketing as an Effecting Recovery Strategy: International Journal of Economics, Finance & Sustainable Development- E-ISSN-2620-6269; Vol. 5 No.8 July, 2023
- Donpaala, S.D & Adongo R.A. (2023):** Assessing the Effectiveness or Otherwise of the Public Accounts Committee Role in Protecting the Public Purse in Ghana: Central Asia Journal of Innovations on Tourism Management & Finance; Vol.04 Issue 8, 2023: ISSN:2660-454x
- Donpaala, S.D (2023)** Assessing the Struggle of Ghana’s Public Universities to Maintain Academic Excellence in the face off Funding Constraints and Rising Inflation: International Journal of Economics, Finance & Sustainable Development- E-ISSN-2620-6269; Vol. 5 No.9 August, 2023
- Donpaala, S.D (2003):** The Influence of Financial Literacy Education from Early Developmental Stages through Higher Education levels; International Journal of Economics, Finance & Sustainable Development- E-ISSN-2620-6269; Vol. 5 No.9. September, 2023

## DIRECTORATE OF FINANCE

### Introduction

The Finance Directorate is one of the key functional areas of the University, with the mandate of maintaining sound financial practices to ensure the integrity and safeguard of the University’s resources.

The Director of Finance heads the Directorate and reports directly to the Vice Chancellor of the University. The Director assists the Vice Chancellor to submit financial reports to the following committees of the University:

- Governing Council

- Academic Board
- Finance Committee
- Audit Committee

The Finance Directorate of the University for Development Studies has the responsibility to ensure compliance with Part V (Section 25 and 26) of the University for Development Studies Act 1992 (Act 566) and other relevant laws such as:

- Public Financial Management Act 2016, (Act 921)
- Financial Administration Regulation, 2004 (L.I 1802)
- Public Procurement Act, 2003 (Act 663)
- Etc.

#### **Departments/Sections and Units of the Finance Directorate**

The Finance Directorate comprises of a Secretariat and six (6) Departments in the Central Administration and an office in each of the four Campuses of the University as well as the Graduate School, Faculty of Education and Institute of Continuing Education and Interdisciplinary Research, all in Tamale.

The structure of the Directorate enables it to provide financial services in the following broad areas:

- Budgeting and Budgetary Control,
- Payroll Administration,
- Revenue Collection,
- Treasury Management,
- Disbursement of Funds,
- Management of Financial Contractual Relationships with Third Parties,
- Financial Reporting and
- Other Financial Advisory Services.

#### **Key Activities During the Year:**

##### **i. Computerization and Software Deployment:**

Together with Registry and the ICT Directorate, the Finance Directorate continued its efforts to improve student financial and academic record collection and maintenance.

##### **ii. Staff Development**

A number of staff of the Directorate attended workshops and conference (local and foreign) to improve their knowledge and skills on the job, whilst some are pursuing further studies in various institutions.

##### **iii. Financial Reports**

During the year under review, the Directorate continued to discharge its function of providing relevant financial information to the University and other stakeholders. In this regard, the Directorate presented its regular quarterly management reports to the Finance Committee as well as to the Governing Council and also presented.

**Staffing:**

Details of the Departments, offices and staff of the Finance Directorate are as follows:

**The Finance Secretariat**

| <b>Name</b>          | <b>Qualification</b>                                              | <b>Rank/Position</b>              |
|----------------------|-------------------------------------------------------------------|-----------------------------------|
| <i>Shaibu, M. H.</i> | <i>B.Com (UCC, Cape Coast, Gh), MBA, ICA (Ghana), PhD (Ghana)</i> | <i>Director of Finance</i>        |
| <i>Iddrisu, A.</i>   | <i>Dip. Ed., B.Com, MBA, FCCA, PhD (Ghana)</i>                    | <i>Deputy Director of Finance</i> |

The Director of Finance is supported by the Deputy Director of Finance and one senior staff in the Secretariat.

**Accounts Receivable**

| <b>Name</b>        | <b>Qualification</b>                                             | <b>Rank/Position</b>     |
|--------------------|------------------------------------------------------------------|--------------------------|
| <i>Iddrisu, M.</i> | <i>B.Com. (UCC. Cape Coast, Gh), ICA (Ghana), CEMBA (Kumasi)</i> | <i>Senior Accountant</i> |

There are also 3 senior staff in the Accounts Receivable Department.

**Final Accounts**

| <b>Name</b>              | <b>Qualification</b>  | <b>Rank/Position</b>     |
|--------------------------|-----------------------|--------------------------|
| <i>Acheampong, O. F.</i> | <i>MBA, ACCA (UK)</i> | <i>Senior Accountant</i> |

**Budget & Management Accounting Department**

| <b>Name</b>         | <b>Qualification</b> | <b>Rank/Position</b> |
|---------------------|----------------------|----------------------|
| <i>Mahamoud, S.</i> | <i>ACCA</i>          | <i>Accountant</i>    |

There are also 2 senior staff and a junior staff at the Budget & Management Accounting Department.

**Treasury and Accounts Payable**

| <b>Name</b>          | <b>Qualification</b>                        | <b>Rank/Position</b> |
|----------------------|---------------------------------------------|----------------------|
| <i>Zenabu, B. K.</i> | <i>BSC, ICA (Ghana), MCOM – Accounting)</i> | <i>Accountant</i>    |

The Treasurer is supported by 5 senior and junior staff.

**Payroll**

| <b>Name</b>        | <b>Qualification</b>                                                   | <b>Rank/Position</b>              |
|--------------------|------------------------------------------------------------------------|-----------------------------------|
| <i>Fuseini, M.</i> | <i>B. Com (UCC. Cape Coast, Gh), ICA (Ghana), CEMBA, MBA (Finance)</i> | <i>Deputy Director of Finance</i> |

The Head of Payroll is supported by 4 senior staff.

**Ghana Universities Staff Superannuation Scheme (GUSSS)**

| <b>Name</b>      | <b>Qualification</b>                               | <b>Rank/Position</b> |
|------------------|----------------------------------------------------|----------------------|
| <i>Siisu, U.</i> | <i>HND, B Com., MCom, ICA (Gh) Part Qualified)</i> | <i>Accountant</i>    |

In addition, there are 2 senior staff at the GUSSS.

### Systems Administration & Software Deployment Unit

This is responsible for the deployment, management and administration of all ICT systems and software under the control of the Finance Directorate. The unit is responsible for the training of all end-users on the use of the systems and software in all campuses including Central Administration.

The Unit is headed by:

| Name                | Qualification             | Rank/Position             |
|---------------------|---------------------------|---------------------------|
| <i>Issah, A. H.</i> | <i>HND, ICA (Gh), MBA</i> | <i>Assist. Accountant</i> |

## DIRECTORATE OF WORKS AND PHYSICAL DEVELOPMENT

The Works and Physical Development Directorate is an integral part of the University for Development Studies providing technical services for physical planning and development. It is also responsible for works and maintenance of the physical infrastructure, grounds and gardens. The management of the Estates and landed properties of the University.

### Office of the Director

The office coordinates and directs the functions of the various departments under the directorate. The office has the under listed staff:

| Name                      | Qualification(s)                                                                       | Rank/Position          |
|---------------------------|----------------------------------------------------------------------------------------|------------------------|
| <i>Ing. Kwame, D. D.</i>  | <i>B.Sc CEMBA (KNUST, Kumasi, Gh)<br/>M.Sc (Heriot-Watt, Edinburgh, UK), SPE-GhIE.</i> | <i>Director</i>        |
| <i>Arc. Baba-Duah, J.</i> | <i>B.Sc, PGDip (KNUST, Kumasi, Gh), MSc. (Coventy, UK),<br/>AGIA</i>                   | <i>Deputy Director</i> |

### Physical Planning and Development Department

The Department has the following officers:

| Name                   | Qualification(s)                                    | Rank/Position    |
|------------------------|-----------------------------------------------------|------------------|
| <i>Addy A. N. A</i>    | <i>B.Sc PGDip. M.Sc. (KNUST, Kumasi, Gh), AGIA)</i> | <i>Architect</i> |
| <i>Charles Kojo H.</i> | <i>B.Sc, M.Arch.(KNUST, Kumasi, Gh), AGIA</i>       | <i>Architect</i> |

The Department undertook the following:

- Supervision of the Construction of 4-Storey Laboratory Complex at the Navrongo Campus.
- Supervision of the Construction of 2No. 4-Storey Lecture block and offices at the Nyankpala campus.
- Construction of Stores at the Nyankpala campus for the University for Development Studies.
- Construction of 7-Storey Hostel block for GUSSS at Nyankpala Campus for the University for Development Studies.
- Construction of 6-Storey complex for the School of Nursing and Midwifery at the Tamale Campus.
- Construction of 2No. 300-Seater Auditorium at the Tamale campus for the University for Development Studies.

- Completion of 2-Storey 4-Units 2-Bedroom block of flats in ICT block at the Tamale.

### Publications

- Baba-Duah, J. (2022). An Investigation of Variations Orders in Building Projects at the University for Development Studies, Tamale. Ghana Journal of Higher Education Management, Vol. 18, pp 95-108.
- Baba-Duah J., Solomon Y. and Mohammed B. M. (2022). Student Satisfaction with Facilities at the Tamale Campus of the University for Development Studies, Ghana. International Journal of Engineering Research & Technology, 11(6), pp 603-607
- Papa, Y.A and Baba-Duah, J. (2021). The Role of Ethnicity and Culture in Enhancing. Project Success. International Journal of Engineering Research & Technology, 10(5). Pp 965-971

### Works and Maintenance Department

The department has the under listed officers:

| Name                   | Qualification(s)                                              | Rank/Position                  |
|------------------------|---------------------------------------------------------------|--------------------------------|
| <i>Yampohekyia, S.</i> | <i>B.Sc., MSc., CEMBA (KNUST, Kumasi, Gh) PMP<br/>PE-GhIE</i> | <i>Senior Engineer (Civil)</i> |
| <i>Mohammed, B. M.</i> | <i>B.Sc., MSc., (KNUST, Kumasi, Gh), MGIOC</i>                | <i>Construction Manager</i>    |

In the year under review, the department undertook the following:

1. Carried out maintenance works on the main Skills Laboratory at the Library Block on the Tamale Campus.
2. Carried out maintenance works on the Multipurpose Auditorium.
3. Carried out general service of all generators on campuses.
4. Carried out maintenance and services of all air conditioning system
5. Carried out various maintenance in staff bungalows and School/Faculty facilities

### Quantity Surveying Department

The department is responsible for overseeing the financial management of construction projects, proffering advice/recommendations on key contractual issues and assessing the scope of maintenance works to be executed in order to produce material schedules.

| Name               | Qualification(s)                                             | Rank/Position                                                         |
|--------------------|--------------------------------------------------------------|-----------------------------------------------------------------------|
| <i>Awuni, M. A</i> | <i>B.Sc., M.Sc., (KNUST Kumasi), MSc. (Kumasi)<br/>MGhIS</i> | <i>Senior Quantity Surveyor/HOD<br/>Quantity Surveying Department</i> |
| <i>Saaka J. G.</i> | <i>BSc. (Kumasi), MGhIS</i>                                  | <i>Quantity Surveyor</i>                                              |

### The Department undertook the following:

1. Prepared tender and contract documents for the Construction of 6-Storey Hostel Block at the Nyankpala Campus for the GUSSS.
2. Prepared tender and contract documents for the Supply and Installation of Generators for the University for Development Studies – Lot I & II
3. Prepared tender and contract documents for the Demolition of Half Wing of Uncompleted Six-Storey Institute of Distance Learning Block at the City Campus of the University for Development Studies (UDS)

4. Prepared material schedule for various renovation works in the University.
5. Assisted in the evaluation of various tender documents for the award of contract
6. Prepared Interim Payment Certificates for various construction projects.

### Grounds and Gardens Department

The department has the following officers:

| Name        | Qualification(s)                                                                                     | Rank/Position     |
|-------------|------------------------------------------------------------------------------------------------------|-------------------|
| Owusu K. O. | B.Tech (S.Poly, Sunyani, Gh), PG Cert. (GTUC, Kumasi, Gh),<br>MSc. (Coventry, UK), MIET MGIOC, MGHIS | Quantity Surveyor |

### Estate Department

| Name       | Qualification(s)                                                                            | Rank/Position            |
|------------|---------------------------------------------------------------------------------------------|--------------------------|
| Shaibu, S. | HND (T. Poly, Tamale, Gh), B. Tech (S. Poly, Sunyani, Gh)<br>M.Eng(KNUST, Kumasi, Gh), MIET | Assistant Estate Officer |

### Consultancy Services

The Directorate acts as Consultants to most of the projects of the University, with assistance from other allied consultants. The consultancy designs and supervises most of the University’s infrastructure by using professionals in the Directorate.

The prime aim of this consultancy is to build capacity and enhance the performance of professionals in an academic environment. It also generates income that is used to acquire working tools and vehicles for use of the Directorate.

## DIRECTORATE OF ACADEMIC PLANNING AND QUALITY ASSURANCE

### Staff

| Name            | Qualification                                                        | Rank/Position               |
|-----------------|----------------------------------------------------------------------|-----------------------------|
| Ziblim, S-D.    | BA (UDS, Tamale, Gh), MPhil., Ph.D. (Ghana)                          | Prof./Director              |
| Abdul Munin, Y. | BA (UDS, Tamale, Gh), MPhil. (Ghana), Ph.D. (Kiel, Germany), M(GAAE) | Senior Lecturer/Deputy Dir. |
| Yakubu, R. N.   | B.Sc. (KNUST, Kumasi, Gh), M.Sc. (Stuttgart, Germany), MGIP          | Assistant Registrar         |

There are also three Senior Staff in the Directorate.

### Introduction

The Directorate of Academic Planning and Quality Assurance (DAPQA) is a Directorate under the Office of the Vice-Chancellor. The Directorate has several functions but the most important function is to ensure that quality assurance permeate all facets of the operations of the University. The ultimate goal of the Directorate is to safeguard quality academic standards, and to ensure improved institutional and academic programmes of the University. The Directorate also collaborates with the Directorate of Academic Affairs in handling affiliation related matters in the University.

### Activities

#### i. Vetting and Processing of Curricula for (Re)accreditation by Ghana Tertiary Education Commission

The Directorate processed a total of Ninety-four (94) academic programmes in the academic year from Schools/Faculties of the University. They were seventeen (17) and Forty-two (42) new undergraduate and postgraduate programmes respectively that were processed and submitted to Ghana Tertiary Education Commission (GTEC) for accreditation. In the case of existing academic programmes that required re-accreditation, sixteen (16) and nineteen (19) undergraduate and postgraduate programmes respectively were submitted to GTEC during the year. In all cases, the documents were vetted in accordance with GTEC Questionnaire for accreditation of new academic programmes as well as GTEC Questionnaires for re-accreditation of existing programmes. The essence of vetting the programme documents was to ensure the speedy (re)accreditation of the programmes by GTEC.

#### ii. Re-accreditation and Accreditation of Programmes by GTEC

The Ghana Tertiary Education Commission (GTEC) in the year under review **(re)accredited** the underlisted programmes:

| Faculty /School | Programme                                                       | Remarks                          |
|-----------------|-----------------------------------------------------------------|----------------------------------|
| SoNM            | B.Sc. Mental Health Nursing                                     | Accredited for three (3) years   |
|                 | M.Sc. Nursing                                                   | Accredited for three (3) years   |
|                 | M.Phil. Nursing                                                 | Accredited for three (3) years   |
| SoM             | Graduate Medical Entry Programme (GEMP)                         | Accredited for three (3) years   |
|                 | Bachelor of Medicine, Bachelor of Surgery                       | Re-accredited for five (5) years |
|                 | Master of Health Professions Education                          | Accredited for three (3) years   |
|                 | M.Phil. Clinical Sciences                                       | Accredited for three (3) years   |
|                 | PhD Clinical Sciences                                           | Accredited for three (3) years   |
|                 | M.Phil. Clinical Microbiology                                   | Accredited for three (3) years   |
|                 | PhD Clinical Microbiology                                       | Accredited for three (3) years   |
| SoD             | Bachelor of Dental Surgery                                      | Accredited for three (3) years   |
| SAHS            | M.Phil. Chemical Pathology                                      | Re-accredited for five (5) years |
|                 | PhD Chemical Pathology                                          | Re-accredited for five (5) years |
| FoE             | B.Ed Dagbani Education                                          | Accredited for three (3) years   |
|                 | Postgraduate Certificate in Professional Educational Leadership | Accredited for three (3) years   |
|                 | Postgraduate Diploma in Professional Educational Leadership     | Accredited for three (3) years   |
|                 | Master of Professional Educational Leadership                   | Accredited for three (3) years   |
|                 | M.Ed Training and Development                                   | Re-accredited for five (5) years |
| FSDS            | Diploma in Development Education                                | Re-accredited for five (5) years |
|                 | B.Sc. Sustainable Development Studies                           | Accredited for three (3) years   |
|                 | BA Community Development Studies                                | Accredited for three (3) years   |
|                 | BA Gender and Development Studies                               | Accredited for three (3) years   |

|        |                                                    |                                  |
|--------|----------------------------------------------------|----------------------------------|
|        | B.Sc. Planning                                     | Accredited for three (3) years   |
|        | B.Sc. Land Administration                          | Accredited for three (3) years   |
|        | PhD Development Studies                            | Accredited for three (3) years   |
|        | MA Development Education Studies                   | Re-accredited for five (5) years |
|        | M.Phil. Development Education Studies              | Re-accredited for five (5) years |
| FoB    | B.Sc. Biochemistry                                 | Accredited for three (3) years   |
|        | B.Sc. Biological Science                           | Accredited for three (3) years   |
|        | B.Sc. Microbiology                                 | Accredited for three (3) years   |
|        | B.Sc. Forensic Science                             | Accredited for three (3) years   |
|        | M.Sc. Biotechnology                                | Re-accredited for five (5) years |
|        | M.Phil. Biotechnology                              | Re-accredited for five (5) years |
|        | PhD Biotechnology                                  | Re-accredited for five (5) years |
| SoEc   | M.Sc. Economic Development Policy                  | Accredited for three (3) years   |
|        | M.Phil Economic Development Policy                 | Accredited for three (3) years   |
|        | PhD Economic Development Policy                    | Accredited for three (3) years   |
| SoB    | MSc Entrepreneurship and Innovation                | Accredited for three (3) years   |
|        | MSc Development Finance                            | Accredited for three (3) years   |
|        | MSc Accounting                                     | Accredited for three (3) years   |
|        | MBA Finance                                        | Accredited for three (3) years   |
|        | MBA Health Service Administration                  | Accredited for three (3) years   |
|        | MBA Accounting                                     | Accredited for three (3) years   |
|        | MBA Management Information Systems                 | Accredited for three (3) years   |
|        | MBA Procurement and Supply Chain Management        | Accredited for three (3) years   |
|        |                                                    |                                  |
| FOAFCS | B.Sc. Food Systems                                 | Accredited for three (3) years   |
|        | M.Phil. Agricultural Project Management            | Accredited for three (3) years   |
|        | B.Sc. Agribusiness                                 | Re-accredited for five (5) years |
|        | M.Phil Agricultural Economics                      | Re-accredited for five (5) years |
|        | M.Phil. Soil and Water Conservation and Management | Re-accredited for five (5) years |
|        | MSc. Soil and Water Conservation and Management    | Re-accredited for five (5) years |
|        | M.Phil. Crop Science                               | Re-accredited for five (5) years |
|        | PhD Agricultural Economics                         | Re-accredited for five (5) years |
|        | PhD Crop Science                                   | Re-accredited for five (5) years |
|        |                                                    |                                  |
| FNRE   | B.Sc. Natural Resources Management                 | Re-accredited for five (5) years |
|        | M.Phil. Agroforestry and Dryland Conservation      | Accredited for three (3) years   |
|        | PhD Agroforestry and Dryland Conservation          | Accredited for three (3) years   |
| FPS    | B.Sc. Statistics                                   | Accredited for three (3) years   |
|        | B.Sc. Mathematics                                  | Accredited for three (3) years   |
|        | Postgraduate Diploma in Statistics                 | Accredited for three (3) years   |

|      |                                     |                                |
|------|-------------------------------------|--------------------------------|
|      | Postgraduate Diploma in Mathematics | Accredited for three (3) years |
|      | M.Sc. Statistics                    | Accredited for three (3) years |
|      | M.Sc. Mathematics                   | Accredited for three (3) years |
|      | M.Phil. Statistics                  | Accredited for three (3) years |
|      | M.Phil. Mathematics                 | Accredited for three (3) years |
|      | PhD Statistics                      | Accredited for three (3) years |
|      | PhD Mathematics                     | Accredited for three (3) years |
| FSS  | BA Sociology                        | Accredited for three (3) years |
|      | BA Political Science                | Accredited for three (3) years |
| FCMS | BA French                           | Accredited for three (3) years |
|      | BA Journalism Studies               | Accredited for three (3) years |
| SoE  | B.Sc. Geological Engineering        | Accredited for three (3) years |
|      | B.Sc. Environmental Engineering     | Accredited for three (3) years |

### iii. Monitoring of Beginning of Lectures

The Directorate with the support of School/Faculty Quality Assurance Officers undertook the monitoring of the beginning of lectures for the First and Second Trimesters of the 2023/2024 Academic Year. This was carried out to ascertain whether lectures started on schedule or not vis-à-vis Academic Calendar of the University. The exercise was conducted simultaneously within the first three weeks in each teaching Trimester in the Tamale, City and Nyankpala Campuses.

### iv. Monitoring of Examinations

The integrity of examinations is an important aspect of every higher education institution and UDS is no exception. For this reason, the Directorate, during the 2023/2024 Academic Year, visited the Tamale, City and Nyankpala Campuses to monitor the conduct of examinations.

### v. Monitoring of Course Registration of Students for the First and Second Trimesters of the 2023/2024 Academic Year

The Directorate during the 2023/2024 Academic Year monitored the course registration of students across the Schools/Faculties of the University. The First and Second Trimesters monitoring were carried out in line with the Academic Calendar of the University. The essence of the exercise was to advice Management on the progress of course registration and the consequences on students' examination and results upload.

### vi. Collaboration with Coordinating Dean for Wa and Navrongo Campuses

After the 24<sup>th</sup> Congregation of the University, the Directorate worked hand-in-hand with the Coordinating Dean for UDS Students in Wa and Navrongo to resolve results and certificate related issues of some affected graduands. The Directorate worked with the Coordinating Dean to ensure that some courses which were previously not uploaded on the MIS were sent and uploaded in the UCM Enterprise before Certificates and Transcripts were printed for the graduands.

### vii. Vetting of Students' Results for the First and Second Trimesters of 2023/2024 Academic Year

The Directorate organized a two-day vetting exercise of results for the First and Second Trimesters of 2023/2024 Academic Year. The results were vetted across Schools/ Faculties of the University. The

exercise is to ensure that all results required to be uploaded onto the University Campus Manager (UCM) Enterprise are done to ensure quality assurance standards.

**viii. Presentation of List of Graduating Students for the April 2024 Special Congregation**

The Directorate in April 2024 presented the list of graduating students for the April Special Congregation to the Vice-Chancellor for an Executive Approval. The list of graduating students composed of 237 graduating students from the School of Nursing and Midwifery; 2,524 graduating students from the Institute of Distance and Continuing Learning and 100 postgraduate graduands.

**ix. Presentation of Directorate Activities before University Management**

The Directorate on 27th November, 2023 appeared before Principal Officers of the University to present the activities, challenges, achievements and the way forward of the Directorate. After the presentation, the Vice-Chancellor noted that in spite of the challenges, the Directorate has performed its role creditably and urged the Director and his team to continue to work hard. The Director was advised to continue to work with other key stakeholders especially with respect to Affiliate Institutions to safeguard the image of the University.

**x. Notice to Faculties and School to submit programmes due for Re-accreditation**

The Directorate during the quarter also sent notices to some Deans of Schools and Faculties on programmes that are due for re-accreditation. This action is to ensure that the University comply with Section 36. (I)(a) of the Education Regulatory Bodies Act, 2020, Act 1023. This Section stipulates that a person who operates any institution that has not been granted institutional or programme accreditation commits an offence and is liable on summary conviction to a fine of not less than ten thousand penalty units and not more than twenty thousand penalty units or to a term of imprisonment of not less than fifteen years and not more than twenty years, or to both.

**xi. Attendance of GTEC Summer School on Quality Assurance**

During the year, the Director and Deputy Director of Academic Planning and Quality Assurance attended the GTEC Summer on quality assurance held on the 2<sup>nd</sup> and 3<sup>rd</sup> September, 2024 at the Great Hall of KNUST. The theme of the Summer School was: “Towards Effective Governance and Quality Management in Tertiary Education Institutions”. The participants in the workshop composed of Registrars, VCs, Pro-VCs and Directors of Quality Assurance in both Public and Private Tertiary Institutions. The event was aimed at building the capacities of senior managers of tertiary Institutions. There were presentations from staff of GTEC and some resource persons from the University Management in some universities. The workshop was impactful as it underscored the importance of quality in the tertiary education landscape.

**xii. Affiliation Issues**

**a. Vetting of Affiliate Institution Students’ Results**

The Directorate in collaboration with Schools/Faculties vetted the results of graduating students from:

- a) Ghana Christian University College, Accra
- b) Withrow University College, Agona-Ashanti
- c) Royal Ann College of Health, Kumasi

- d) Regentropfen College of Applied Sciences, Bongo-Kasoe
- e) Wisconsin International University College, Accra
- f) Margret Marquart Catholic Nursing Training College, Kpando
- g) Data Link Institute of Science and Technology, Tema
- h) Family Health University College, Teshie
- i) Knustford University College, Accra
- j) KAAF University College, Kasoa

b. Attendance at Graduation and Matriculation Ceremonies of Affiliate Institutions

The Director and other Officers of the University attended Graduation and Matriculation Ceremonies of the underlisted Affiliate Institutions during the academic Year:

- a) Ghana Christian University College, Accra
- b) Withrow University College, Agona-Ashanti
- c) Royal Ann College of Health, Kumasi
- d) Regentropfen College of Applied Sciences, Bongo-Kasoe
- e) Wisconsin International University College, Accra
- f) Margret Marquart Catholic Nursing Training College, Kpando
- g) Data Link Institute of Science and Technology, Tema
- h) Family Health University College, Teshie
- i) Knustford University College, Accra
- j) KAAF University College, Kasoa

xiii. **Routine Activities**

The Directorate undertook its routine activities such as attending to student’s complaints and general administrative duties.

## **DIRECTORATE OF INTERNATIONAL RELATIONS AND ADVANCEMENT (DIRA)**

The Directorate is in charge of linking UDS to other academic institutions around the world by strengthening International Relations and fostering international co-operations and Advancement. The Directorate among other things, is responsible for:

- Establishing linkages and collaboration between UDS and institutions, agencies and Organization within and outside Ghana.
- Coordinating students and faculty exchange programmes with collaborating institutions.
- Ensuring the advancement of UDS among the comity of Universities around the world.
- Ensuring the placement of students from other higher educational institutions who may want to take part in UDS programmes such as the TTFPP.
- Leading in the acquisition of grants/scholarships or any other projects of benefit to the University.
- Promoting UDS programmes to the international community.

DIRA has a total of six (6) staff comprising two (2) Senior Members, three (3) Senior Staff and one (1) Junior Staff. During the year under review, DIRA continued to work on the advancement of the University by leveraging on its international linkages for staff and students’ development, raising funds for the University and promoting UDS programmes to the international community.

**Staff**

| <b>Name</b>            | <b>Qualification</b>                                                    | <b>Rank/Position</b>              |
|------------------------|-------------------------------------------------------------------------|-----------------------------------|
| <i>Saba, C. K. S.</i>  | <i>BSc. (UDS, Tamale, Gh), MSc., Ph.D. (Complutense, Madrid, Spain)</i> | <i>Professor/Director</i>         |
| <i>Louisa A. L. T.</i> | <i>BSc. (UDS, Tamale, Gh), MBA (U.C.C)</i>                              | <i>Junior Assistant Registrar</i> |

**Programmes and Activities**

During the 2023/2024 academic year, the Directorate undertook several activities which included processing of Memoranda of Understanding (MoUs) with both local and international organizations/institutions, receiving visitors across the globe on collaborative issues, issuing introductory/invitation letters to staff, students, alumni and international visitors, processing scholarships and internships for both local and international students and staff as presented below:

**International visits**

| <b>Name of Institution/Country/Activity</b>                                    | <b>Purpose of visit</b>                                                                                                   |
|--------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Educational Pathways International (EPI), USA                                  | Conduct interviews for brilliant but needy undergraduate students. Twelve (12) students were awarded the EPI Scholarship. |
| University of Science and Technology, Poland                                   | Meeting to discuss possible collaboration                                                                                 |
| Chartered Institute of Architectural Technologists (CIAT), Senegal             | Meeting for a research collaboration                                                                                      |
| Delegation from de l'Université Njala de la Sierra Leone (NUSL), Sierra Leone. | Meeting for a research collaboration                                                                                      |
| University of Saskatchewan, Canada                                             | Possible collaboration                                                                                                    |
| Jinggangshan University, China                                                 | To discuss about co-establishing a Confucius institute in the UDS.                                                        |
| Staff and students from MacMaster University, Canada                           | Summer exchange programme at UDS.                                                                                         |
| Staff and students travelled to the Universidad Nacional de Colombia           | To attend summer school as part of the South -South-North collaboration between UNAL (Colombia) and UDS                   |
| Two students from the University of Southampton.                               | To conduct research during the COBES program                                                                              |
| Delegation from Vrije Universiteit Amsterdam                                   | Meeting for a research collaboration                                                                                      |
| Director travelled to Rwanda                                                   | International students' recruitment workshop.                                                                             |
| Delegation from University of Amsterdam Netherlands                            | Meeting for a research collaboration                                                                                      |

**International Students' Interns/ Volunteers**

The University received twenty-six (26) foreign interns from different universities across the Globe as shown in Table below:

**Memoranda signed and renewed as at August, 2023**

| <b>Partner Institution</b>                                                                                                 | <b>Date Signed</b> | <b>Type of Agreement /Details</b>       | <b>Collaborating School/Faculty</b>                      |
|----------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------|----------------------------------------------------------|
| UDS and Norsaac, Ghana                                                                                                     | March 28, 2024     | Academic Collaboration                  | Centre for Gender and Career Mentorship (CGCAM)          |
| UDS and The University of Amsterdam, Netherlands                                                                           | August 7, 2024     | General academic collaboration          | FNRE                                                     |
| UDS and Social Innovation Africa                                                                                           | March 30, 2024     | General academic collaboration          | Centre for Gender and Career Mentorship (CGCAM)          |
| UDS and Agro Studies International Centre for Agricultural, Israel.                                                        | June 9, 2024       | Exchange of students/ faculty, research | Faculty of Agriculture                                   |
| UDS and Zhengzhou University, China                                                                                        | June 3, 2024       | General academic collaboration          | FoB                                                      |
| UDS and Center for International Forestry Research (CIFOR)                                                                 | July 1, 2024       | Academic and Research collaboration     | FNRE                                                     |
| UDS and EURIDICE Consortium Agreement, Europe                                                                              | February 23, 2024  | General collaboration                   | Faculty of Physical Sciences                             |
| UDS and Pecan Energies Ghana Limited                                                                                       | December 14, 2023  | Exchange of students/ faculty, research | Dean of Students' Affairs                                |
| UDS and Innovation for Poverty Action-Ghana LBG,                                                                           | January 17, 2024   | Research collaboration                  | Centre for Research, Innovation and Partnership Services |
| UDS and Okayama University Japan                                                                                           | August 4, 2023     | General collaboration                   | Faculty of Physical Sciences                             |
| UDS and Kwame Nkrumah University of Science and Technology ("KNUST"), and The Pennsylvania State University ("Penn State") | October 8, 2023    | Cooperation Agreement                   | SoM                                                      |
| UDS and West African Science Service Centre on Climate Change and Adapted Land use (WASCAL)                                | March 29, 2024     | General academic Collaboration          | WACWISA                                                  |
| UDS and Tarlac Agricultural University, Philippines                                                                        | December 15, 2023  | Research Collaboration                  | FoA                                                      |
| UDS and Sewerage System Ghana Limited (SSGL) Tamale                                                                        | April 1, 2024      | Academic collaboration                  | General collaboration                                    |

|                                                                                             |                   |                                                                   |                                              |
|---------------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------|----------------------------------------------|
| UDS and The Hague University of Applied Sciences, The Netherlands (Renewal)                 | April 14, 2024    | Joint academic collaboration                                      | General collaboration                        |
| UDS and NOE University, United States of America                                            | January 21, 2024  | Exchange of students/faculty, research                            | General collaboration                        |
| UDS and Sankara Partners Cambridge Massachusetts, USA                                       | January 20, 2024  | Research Collaboration                                            | Academic collaboration                       |
| UDS and Adamas University, India                                                            | July 4, 2024      | Research Collaboration                                            | General collaboration                        |
| UDS and University of Birmingham                                                            | August 30, 2024   | Jointly explore the development of student mobility opportunities | School of Medicine                           |
| Farmarline Limited, Kumasi                                                                  | July 10, 2023     | Research Collaboration                                            | The West Africa Centre for Shea Innovations  |
| UDS and JOSPONG Group of Companies, Ghana                                                   | November 3, 2023  | General academic Collaboration                                    | Academic and Research Collaboration          |
| UDS and Université Thomas Sankara (Burkina Faso)                                            | January 20, 2024  | Exchange of students/faculty, research                            | General collaboration                        |
| UDS and Ghana Green-Gro Ltd.                                                                | December 8, 2023  | For joint Research Collaboration                                  | FoAFCS                                       |
| UDS and The African Institute for Mathematical Sciences (AIMS), Ghana                       | June 12, 2023     | General academic Collaboration                                    | Faculty of Physical Sciences                 |
| UDS and Nakpanduri Presbyterian SHS, Ghana                                                  | July 18, 2023     | Cooperation Agreement                                             | FoE                                          |
| UDS and West African Science Service Centre on Climate Change and Adapted Land use (WASCAL) | October 10, 2023  | Research collaboration                                            | General collaboration                        |
| UDS and Literacy and Development through Partnership (LDP), Tamale, Ghana                   | February 16, 2024 | Research collaboration                                            | General collaboration                        |
| UDS and Mastercard Foundation, Canada                                                       | November 22, 2023 | Cooperation Agreement                                             | General collaboration                        |
| UDS and Universidad Nacional De Colombia, Colombia                                          | November 24, 2023 | General academic Collaboration                                    | West African Centre for Rural Transformation |
| UDS and University of Novi Sad, Serbia                                                      | July 9, 2024      | Joint Research/ General Collaboration                             | Faculty of Biosciences                       |

### Advancement

DIRA shall continue to explore for grants and scholarship opportunities for staff, students and alumni. A five-year internationalization strategic plan (2019-2024) has been prepared by the Directorate to

affirm UDS's position as a unique and global institution to promote and advance UDS concept of higher education.

### **Scholarships and funding opportunities**

Through a collaboration with Educational Pathways International (EPI), USA, scholarships had been offered to Twelve (12) UDS students from various Faculties/Schools.

Several grants and funding opportunities were also received and shared with Faculties/Schools.

### **Successful Erasmus+ KA171 Agreements signed with European Universities:**

- UDS and University of Cadiz, Spain
- UDS and niversity Autonoma de Barcelona, Spain
- UDS and PXL University, Belgium
- UDS and Evangelische Hochschule Berlin
- UDS and İnönü University, Turkey
- UDS and Bursa Technical University
- UDS and University of Malaga, Spain
- UDS and Padagogische Hochschule Vorarlberg (University College of teacher education), Austria
- UDS and University of Agriculture Krakow, Poland
- UDS and Utrecht University, The Netherlands
- UDS and Universidad Complutense de Madrid, Spain
- Erasmus+ mobility Grant for students to the Inonu University.
- Erasmus+ mobility Grant for students to Universidad Complutense de Madrid, Spain.
- Erasmus+ mobility Grant for students University of Malaga, Spain

### **Staff and Students Exchange Programmes (Erasmus Mobility)**

- Three Staff travelled to Vrije University, Amsterdam, in framework of the Erasmus+ staff mobility program
- A student from the School of Nursing and Midwifery has been selected for a 5-month Erasmus+ exchange program at PXL University of Applied Sciences and Arts Hasselt, Belgium.
- Two Professors from the Bursa Technical University, Turkey visited the Faculty of Natural Resources and Environment as part of the Erasmus+ mobility programme.
- Received a lecturer from Complutense University de Madrid, Spain for Erasmus+ mobility who taught in the School of Medicine
- Received a Staff from Complutense University de Madrid, Spain for Erasmus+ mobility in the University Library.
- Received Three (3) Professors from the Inonu University who taught in the Faculty of Biosciences and Faculty of Education.
- Received a student from University Autonoma de Barcelona on Erasmus+ mobility in the Faculty of Education
- Two staff members visited the Inonu University, Turkey on Erasmus+ staff mobility Training Programme

- A staff of the University attended a workshop at the Vrije University, Amsterdam in the framework of the Erasmus+ programme
- A student of the Social Works programme from the Faculty of Social Sciences has travelled to the Protestant University of Berlin for an Erasmus mobility programme.
- Two students of Social Work from the Faculty of Social Sciences are processing their documents for Erasmus+ mobility programme at the Catholic University of Applied Sciences, Germany
- A student from the Faculty of Biosciences is processing her documents for an Erasmus mobility at the Universidad Complutense de Madrid, Spain
- Two staff from the University of Malaga are processing their documents for Erasmus+ mobility at UDS
- A staff of UDS is preparing to visit the Universidad Complutense de Madrid, Spain for an Erasmus+ Teaching mobility.
- A staff of UDS is processing his documents for an Erasmus+ Teaching mobility at the Inonu University.
- Two staff from the School of Nursing and Midwifery are to visit the Social Sciences are processing their documents for Erasmus+ mobility programme at the Catholic University of Applied Sciences, Germany.

### **International Co-operation (Membership of International Organizations)**

To enhance advancement in research and trans-cultural knowledge, the University has membership with a number of foreign Organizations including; Regional Universities Forum for Capacity Building in Agriculture (RUFORUM), Association of African Universities (AAU), West African Research Association (WARA), Association of Commonwealth Universities (ACU), Erasmus Mobility Program, Africa Uninet Association, etc. Three staff members won various grants through the Africa Uninet Association.

### **Conclusion**

The Directorate continues to work towards its vision to promote and internationalize UDS, fosters links with higher education institutions around the world, supports international faculty collaboration, affords students the opportunity to study abroad, increases the number and diversity of international students on campus.

## **DIRECTORATE OF INFORMATION COMMUNICATION TECHNOLOGY**

The Directorate of ICT (DICT) continuous to roll-out digital strategies in promotion of teaching, learning, research and organizational efficiency. Led by the Director of ICT, the Directorate operates an effective governance framework that promotes division of labor and ensures steadiness in daily administration and service delivery. Basically, all operations of the directorate are tailored towards accomplishing the University's strategic objectives through the initiation and implementation of emerging technologies that will ensure organizational efficiencies and best student experience. The Directorate of ICT currently has a staff strength of 22; comprising of 2 senior Members, 19 senior Staff and 1 Junior Staff.

**Staff**

| <b>Name</b>            | <b>Qualification</b>                                                                            | <b>Rank/Position</b>   |
|------------------------|-------------------------------------------------------------------------------------------------|------------------------|
| <i>Mohammed, A. W.</i> | <i>B.Sc. (KNUST, Kumasi, Gh), M.Sc. (IUSS, Pavia, Italy),<br/>Ph.D. (UESTC, Chengdu, China)</i> | <i>Director of ICT</i> |
| <i>Samuel, N. A. O</i> | <i>B.Sc. (Ghana Telecom Univ., Accra, Gh), M.Sc. (UESTC, Chengdu, China)</i>                    | <i>Head</i>            |

The Directorate of ICT completed the following projects/activities during the year under review:

**Campus Connectivity Project:** An additional 1Gbps Internet service has been introduced in the University to enhance data services. As part of the project, the University now has a 35 Kilometer fiber optic Wide Area Network (WAN) connecting all four (4) sites. This is an intervention to ensure high-speed and low-latency connectivity across all University campuses, supporting various academic, administrative and research activities.

**Workshop on the University Campus Manager:** In collaboration with the Training and Development Department, in-person workshop was organized for all teaching and other Faculty staff of the University. This face-to-face engagement provided a platform for participants to lay complaints as well as give suggestions for further development of the system.

**Promotion of Virtual Teaching and Meetings:** In line with the Directorate’s determination to decentralize more ICT services, all Faculties/Schools/Directorates/Institutes have been granted access to the University’s corporate Zoom Account. This level of access empowers all users to schedule virtual meetings at will without necessarily falling on the Directorate of ICT.

**ICT Complex:** A new building for the Directorate of ICT has been constructed and handed over use. Incorporated in the design of this complex are an ultramodern datacenter, a video conferencing center, conference hall and a workshop for maintenance of ICT equipment.

**Restructuring of the Directorate of ICT:** The Directorate has been restructured to reflect the growing needs of the University. Five (5) new departments in sync with the envisioned Vice-Chancellors Ghana’s harmonized administrative structure for public Universities in Ghana have been created:

- Department of Data and Systems Management
- Department of Network and IT Infrastructure
- Department of Digital Innovation and Software Development
- Department of Information Security and Technology Assurance
- Department of User Support and Technical Service

## **DIRECTORATE OF UNIVERSITY HEALTH SERVICES**

### **UDS Clinics**

The Head of Accounts of the UDS Clinics generally assist the Director of Health in the financial management of the Clinics, ensuring compliance with all relevant laws.

The finances of the UDS Clinics is headed by:

| <b>Name</b>         | <b>Qualification</b>    | <b>Rank/Position</b>     |
|---------------------|-------------------------|--------------------------|
| <i>Ayombisa, G.</i> | <i>ICA (Ghana), MBA</i> | <i>Senior Accountant</i> |

#### Stores

| <b>Name</b>      | <b>Qualification</b>             | <b>Rank/Position</b> |
|------------------|----------------------------------|----------------------|
| <i>Mavis, A.</i> | <i>B. Com, ICA (Ghana), MCOM</i> | <i>Accountant</i>    |

Structure of the University Stores is tabulated as follows:

| <b>Location</b>         | <b>Head</b>             | <b>Qualification</b>                                                                 |
|-------------------------|-------------------------|--------------------------------------------------------------------------------------|
| <i>Nyankpala Campus</i> | <i>Mahama, D.,</i>      | <i>Procurement &amp; Supply Chain Management, MSc Supply Chain Management, MCIPS</i> |
| <i>Tamale Campus</i>    | <i>Gberika, L., F.,</i> | <i>MBA - Procurement &amp; Supply Chain Management</i>                               |
| <i>Central Stores</i>   | <i>Kumbu, O., A.,</i>   | <i>MBA - Finance</i>                                                                 |
| <i>Citi Campus</i>      |                         |                                                                                      |

#### Nyankpala Campus

The Campus Accountant is:

| <b>Name</b>      | <b>Qualification</b>           | <b>Rank/Position</b>     |
|------------------|--------------------------------|--------------------------|
| <i>Wemah, S.</i> | <i>FCCA, ICA (Gh), MID, MA</i> | <i>Senior Accountant</i> |

The Campus Accountant is supported by Faculty Accountants tabulated in the following Table:

| <b>Faculty</b>            | <b>Accountant</b>      | <b>Qualification</b>                                       |
|---------------------------|------------------------|------------------------------------------------------------|
| <i>FOAFCS</i>             | <i>Dabuo, Y. E.,</i>   | <i>B Com, ICA (Gh), MCOM</i>                               |
| <i>Principal's Office</i> | <i>Atimbila, B.,</i>   | <i>MBA</i>                                                 |
| <i>Clinic</i>             | <i>Yakubu, I. S.,</i>  | <i>HND Accounting, B Com, ICA (Gh), MBA</i>                |
| <i>SVM</i>                | <i>Akanfewon, P.,</i>  | <i>B. Com, MA- Micro Finance,</i>                          |
| <i>FCCS</i>               | <i>Naomi, A.,</i>      | <i>MSc – Accounting and Finance, ICAG (Part Qualified)</i> |
| <i>FOB</i>                | <i>Akayeti, P.,</i>    | <i>MSc – Accounting and Finance, ICAG (Part Qualified)</i> |
| <i>FNRE</i>               | <i>Sulley, M., H.,</i> | <i>BA IDS, MBA - Finance, ICAG (Part Qualified)</i>        |
| <i>FIAT</i>               | <i>Panfort, P.,</i>    | <i>MBA-Finance</i>                                         |
| <i>FSS</i>                | <i>Ivy, B., D.,</i>    | <i>MA- Micro Finance</i>                                   |
| <i>SOE</i>                | <i>Mohammed, T.,</i>   | <i>MA- Micro Finance</i>                                   |

#### Tamale Campus

The Campus Accountant is:

| <b>Name</b>            | <b>Qualification</b>     | <b>Rank/Position</b>     |
|------------------------|--------------------------|--------------------------|
| <i>Asare-larbi, F.</i> | <i>BSc, M.Phil, ACCA</i> | <i>Senior Accountant</i> |

The Campus Accountant is supported by Faculty Accountants tabulated in the following Table:

| <b>Faculty</b> | <b>Accountant</b>  | <b>Qualification</b>                              |
|----------------|--------------------|---------------------------------------------------|
| <i>SNMW</i>    | <i>Aliu, A.,</i>   | <i>HND Accounting, B Com, ICA (Gh), MPhil</i>     |
| <i>SoM</i>     | <i>Appiah, E.,</i> | <i>MBA, ICAG (Part Qualified)</i>                 |
| <i>SPPS</i>    | <i>Shaibu, N.,</i> | <i>BSc Accounting, MBA, ICAG (Part Qualified)</i> |
| <i>SPH</i>     | <i>Aloni, V.,</i>  | <i>MBA, ICAG (Part Qualified)</i>                 |

|      |               |                                                     |
|------|---------------|-----------------------------------------------------|
| FSD  | Amoro, A.,    | MBA - Finance                                       |
| SAHS | Suly, S., S., | MBA – Accounting and Finance, ICAG (Part Qualified) |
| FOE  | Diibudon, J., | MBA, ICAG (Part Qualified)                          |

### City Campus

The Campus Accountant is:

| Name      | Qualification | Rank/Position              |
|-----------|---------------|----------------------------|
| Dodoo, M. | ICA (Gh), MBA | Deputy Director of Finance |

The Campus Accountant is supported by Faculty Accountants tabulated in the following Table:

| Faculty         | Accountant     | Qualification                              |
|-----------------|----------------|--------------------------------------------|
| Graduate School | Halid, A., S., |                                            |
| IDCL            | Sumaila, Z.,   | HND Accounting, B Com, CEMBA               |
| SOB             | Siisu, U.,     | HND, B Com., MCom, ICA (Gh) Part Qualified |

### UDS Guest House, Tamale

The accounts of the Tamale Guest House is managed by:

| Name        | Qualification | Rank/Position                  |
|-------------|---------------|--------------------------------|
| Abukari, A. | ICA (Gh), MBA | Principal Accounting Assistant |

## DIRECTORATE OF COMMUNITY RELATIONS AND OUTREACH PROGRAMMES (DCROP)

The Directorate of Community Relations and Outreach Programmes (DCROP) is under the Office of the Vice-Chancellor and is responsible for the planning and implementation of all outreach programmes of the University, including the Third Trimester Field Practical Programme (TTFPP). The Directorate carries out its activities in collaboration with the Deans and Directors of Schools/Faculties and Heads of Academic Departments, Administrative Directorates, Sections and Units of the University. Activities at the Directorate are planned by the DCROP Planning Committee which is chaired by the Pro Vice-Chancellor. Each School/Faculty has a DCROP Coordinator to help coordinate community outreach programmes at that level (see Table 1). Two of the School/Faculty Coordinators have additional responsibilities as coordinators for Tamale and Nyankpala Campuses. The Directorate has a total of 9 staff.

### Staff

| Name         | Qualification                                                           | Rank/Position                                                                           |
|--------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Addah, W.    | BSc. (UDS, Tamale, Gh), MSc. (KNUST, Kumasi, Gh), PhD (Alberta, Canada) | Professor/Director                                                                      |
| Adjeso, T.   | B.Sc., MBChB (KNUST, Kumasi, Gh), FGCS (Ghana)                          | Associate Professor/Deputy Director, TTFPP and COBES                                    |
| Sulemana, N. | B.Sc. (UCC, Cape Coast, Gh) M.Sc., PhD. (Wageningen, The Netherlands)   | Associate Professor/Deputy Director, Documentation and Resources Mobilization           |
| Saeed, M.    |                                                                         | Senior Lecturer/Deputy Director, Teaching Practice, Industrial Attachment and Practicum |

|                |                                                                       |                                           |
|----------------|-----------------------------------------------------------------------|-------------------------------------------|
| Sumani O. M.   | B.Sc. (UG), Ghana, M.Sc. (UDS), Tamale Gh.<br>MPhil (UDS), Tamale Gh. | Assistant Registrar                       |
| Fusein, M.     | B.Com (UCC, Cape Coast, Gh), ICAG, CEMBA<br>(KNUST, Kumasi, Gh)       | Deputy Director of Finance/<br>Accountant |
| Chikpah, S. K. | B.Sc., MPhil. (UDS, Tamale, Gh)                                       | Lecturer/Coordinator                      |

### School/Faculty DCROP Coordinators

| Faculty/School                                     | Campus    | Name of TTFPP Coordinator       |
|----------------------------------------------------|-----------|---------------------------------|
| Faculty of Agriculture, Food and Consumer Sciences | Nyankpala | Dr. Sanatu Alidu Mustapha       |
| School of Medicine                                 | Tamale    | Mr. Ezekiel Vicar               |
| School of Nursing and Midwifery                    | Tamale    | Mr. Bernard A. Adugbire         |
| School of Public Health                            | Tamale    | *Dr. Yaa Nyarko Adjeso          |
| School of Allied Health Sciences                   | Tamale    | Dr. Sufyan B. Suara             |
| School of Pharmacy and Pharmaceutical Sciences     | Tamale    | Mr. Samuel Danaah               |
| School of Business                                 | City      | Mr. Abdulai Tijani              |
| Faculty of Physical Sciences                       | Nyankpala | Dr. Alhassan Faisal             |
| School of Engineering                              | Nyankpala | Ing. Abdul-Razak Osman          |
| Faculty of Sustainable Development Studies         | Tamale    | Mr. Eric Kojo Majialuwe         |
| Faculty of Education                               | Tamale    | Mr. Mahama Alhassan             |
| Faculty of Biosciences                             | Nyankpala | Dr. Seth Abobi                  |
| School of Applied Economics and Management Studies | Nyankpala | **Dr. Mubarick Salifu           |
| School of Veterinary Sciences                      | Nyankpala | Dr. Hafiz Sulemana<br>Abubakari |
| Faculty of Communication and Media Studies         | Nyankpala | Ms Jemilatu Saaka Dramani       |
| Faculty of Communication and Cultural Studies      | Nyankpala | Dr. Sammuel Abokyi              |
| Faculty of Natural Resources and Environment       | Nyankpala | Dr. Conrad Weobong              |

\*Tamale Campus Coordinator \*\*Nyankpala Campus Coordinator

### Extent of Coverage

In all, a total of 9,777 Levels 100 and 200 students on the Nyankpala and Tamale Campuses were deployed in 1,105 rural communities in 46 districts spread across Northern, North-East, Savannah and Ashanti regions (see Table 2). A total of 3,351 Level 300 students were involved in Field Practicum/Industrial attachments organised at the departmental level across all campuses.

### Student distribution in 2023/2024

| Level | No. of Districts                                            | No. of Communities | No. of Students |
|-------|-------------------------------------------------------------|--------------------|-----------------|
| 300   | Industrial attachment/Clinical experience/teaching practice |                    | 3,351           |
| 200   | 20                                                          | 487                | 3,928           |
| 100   | 26                                                          | 618                | 5,849           |
| Total | 46                                                          | 1,105              | 13,128          |

### Key activities carried out for the 2023/2024 academic year.

- DCROP Planning Committee Meeting
- Orientation for TTFPP facilitators on Tamale and Nyankpala campuses

- Regional and district visits in the Ashanti region
- Community mapping orientation for L100 district coordinators
- Community mapping in the Ashanti region
- Orientation for level 200 district coordinators
- Level 200 community re-entry
- Orientation Lectures and Examinations
- Official handing over of tablets to university Management
- Training of L200 group leaders in selected communities on data collection tools and the use of the tablets
- Supervision and material distribution
- Monitoring by deans and directors
- Monitoring by DCROP Staff
- Orientation for assessors
- Field assessment of levels 200 and 100 students
- Results processing
- Results upload
- Call for nominations for the 2<sup>nd</sup> Vice Chancellor’s Community Outreach Award

# City Campus



2

## Schools

1

## Institute

- Graduate School
- School of Business
- Institute for Distance and Continuing Learning (IDCL)

## GRADUATE SCHOOL

### Introduction

The University for Development Studies graduate school commenced in 2004. Over this period, our efforts have been focused on advancing academic excellence at the postgraduate level, aligning with the vision and mission of our esteemed institution.

Graduate School has oversight implementation responsibilities for coordinating postgraduate students' related activities.

### List of Schools/ Faculties

- Faculty of Agriculture, Food and Consumer Sciences
- Faculty of Biosciences
- Faculty of Natural Resources and Environment
- Faculty of Education
- Faculty of Sustainable Development Studies
- Faculty of Communication and Media Studies
- Faculty of Physical Sciences
- Faculty of Social Sciences
- School of Allied Health Sciences
- School of Engineering
- School of Medicine
- School of Public Health
- School of Economics
- School of Nursing and Midwifery
- School of Business

### Postgraduate Student Enrolment

The cumulative data on postgraduate enrolment for the three academic years 2021/2022, 2022/2023 and 2023/2024 is presented in Table 1. The total number of students increased from 628 in the 2021/2022 academic year to 704 in the 2022/2023 academic year and the number dipped slightly for the 2023/2024 academic year.

**Table 1: Student Population**

| Programme    | 2021-2022  |            | 2022-2023  |            | 2023-2024  |            |
|--------------|------------|------------|------------|------------|------------|------------|
|              | Male       | Female     | Male       | Female     | Male       | Female     |
| PGDE         | 13         | 31         | 13         | 10         | 13         | 13         |
| M.ED/MA/MSc. | 28         | 12         | 25         | 7          | 29         | 13         |
| MBA          | -          | -          | -          | -          | 49         | 29         |
| Mphil        | 308        | 160        | 368        | 187        | 275        | 141        |
| PhD          | 62         | 14         | 67         | 27         | 107        | 32         |
| <b>Total</b> | <b>411</b> | <b>217</b> | <b>473</b> | <b>231</b> | <b>473</b> | <b>228</b> |

### Staff Strength and Faculty Support

Apart from the Dean and the Vice Dean, the School has eight (8) support/administrative staff made up of a Senior Assistant Registrar, two Junior Assistant Registrars, a Principal Accounting Assistant, two Principal Administrative Assistants, a Senior Assistant Transport Officer and an Accounting Assistant. Table 2 has the qualifications and ranks/positions of the senior members at the Graduate School.

#### Staff

| Name           | Qualification                                                                   | Rank/Position              |
|----------------|---------------------------------------------------------------------------------|----------------------------|
| Nkegbe, P. K.  | B.Sc. (UDS, Tamale, Gh), M.Phil. (Ghana), PhD (Reading, UK)                     | Professor/Dean             |
| Abujaja, A. M. | Dip. Ed (UEW, Gh), B.Ed. (UEW, Gh), MPhil (Ghana), PhD (UDS, Tamale, Gh)        | Asso Professor/Vice Dean   |
| Yeboah, S. O.  | B.Sc. (KNUST, Kumasi, Gh), M.Sc. (Hohenheim, Germany), PhD. (KNUST, Kumasi, Gh) | Senior Assistant Registrar |
| Ania, S. A.    | B.Sc. (UDS, Tamale, Gh), MBA (VVU, Accra, Gh), ChPA (CIAMC, Accra, Gh)          | Junior Assistant Registrar |
| Adams, A.O.    | B.Sc. (UEW, Winneba, Gh), MSc. (CCOD, Sunyani, Gh).                             | Junior Assistant Registrar |

### Members of the Board of Graduate School

Decisions and regulations for managing the postgraduate students’ activities are made by the Graduate School Board (Table 3), constituted based on the University Statutes provisions.

#### Membership of the Board of Graduate School for Year Under Review

| Name                            | Faculty/School                                     |
|---------------------------------|----------------------------------------------------|
| Prof. Paul K. Nkegbe            | Dean, GS/Chairman                                  |
| Dr. Afishata Mohammed Abujaja   | Vice Dean, GS                                      |
| Prof. Joseph A. Awuni           | School of Economics                                |
| Mr. Mohammed R. Saani           | School of Economics                                |
| Ing. Prof. Ibrahim Yakubu Seini | Faculty of Physical Sciences                       |
| Dr. Alhassan Faisal             | Faculty of Physical Sciences                       |
| Prof. Elias Alhassan            | Faculty of Social Sciences                         |
| Prof. Felix T. Longi            | Faculty of Social Sciences                         |
| Prof. Abdul Halim Abubakari     | Faculty of Agriculture, Food and Consumer Sciences |
| Prof. Moomin Abu                | Faculty of Agriculture, Food and Consumer Sciences |
| Prof. Yidana Adadow             | School of Public Health                            |
| Dr. Yaa Nyarko Adjeso           | School of Public Health                            |
| Dr. Vida Nyagre Yakong          | School of Nursing and Midwifery                    |
| Mr. John Anlem                  | School of Nursing and Midwifery                    |
| Prof. Tabiri Stephen            | School of Medicine                                 |
| Prof. Callistus B. Kuubiere     | School of Medicine                                 |
| Prof. Ibrahim Osman Adam        | School of Business                                 |
| Mr. Richard Doe- Dartey         | School of Business                                 |
| Dr. Humphrey Garti              | School of Allied Health Sciences                   |
| Dr. Suara Bakuri Sufyan         | School of Allied Health Sciences                   |
| Prof. Joseph Abazaami           | Institute of Interdisciplinary Research            |
| Prof. Samuel Jerry Cobbina      | Faculty of Natural Resources and Environment       |

|                                |                                                                          |
|--------------------------------|--------------------------------------------------------------------------|
| Dr. Raymond Adongo             | Faculty of Natural Resources and Environment                             |
| Dr. Nelson Opoku               | Faculty of Biosciences                                                   |
| Dr. Francis Addy               | Faculty of Biosciences                                                   |
| Dr. Alimatu Cecilia Issaka     | Institute of Distance and Continuing Learning                            |
| Prof. Mamudu A. Akudugu        | Institute of Interdisciplinary Research                                  |
| Prof. Ibrahim Mohammed Gunu    | Faculty of Education                                                     |
| Dr. Inusah Abdul-Razak         | Faculty of Education                                                     |
| Dr. Adams S. Achanso           | Faculty of Sustainable Development Studies                               |
| Dr. Eric Duorinaah             | Faculty of Sustainable Development Studies                               |
| Ing. Prof. Shaibu Abdul Ganiyu | School of Engineering                                                    |
| Dr. Richard Agyemang Osei      | School of Engineering                                                    |
| Mr. Lateef Oseni Adebayo       | Coordinating Dean: UDS students in SDD-UBIS (Wa) and CKT-UTAS (Navrongo) |
| Dr. Miriam Linda Akeriwe       | Library                                                                  |
| Dr. Samuel Owusu Yeboah        | Senior Assistant Registrar/Secretary                                     |
| Prof. Abdulai Abubakari        | Director, DAPQA                                                          |

### Academic Programmes

All the Graduate programmes are at the levels of Postgraduate Diploma (PGD), Master of Arts (MA), Master of Science (MSc), Master of Commerce (M. Com), Master of Philosophy (MPhil), and Doctor of Philosophy (PhD). These programmes, as listed below, are run either on sandwich, weekend or full-time basis on the respective Campuses.

### Academic Programmes by Faculty/School/Centre

#### *Sandwich Programmes*

##### **Tamale Campus**

##### **Faculty of Education**

- Postgraduate Diploma in Education
- M.Ed Special Education
- M.Ed Measurement and Evaluation
- M.Ed Guidance and Counselling
- M.Ed Training and Development
- M.Ed Agriculture Education
- M.Ed Educational Management and Planning
- M.Ed Health Science Education
- M.Ed Basic Education

##### **Faculty of Sustainable Development Studies**

- MA Development Education Studies

##### **Nyankpala Campus**

##### **Faculty of Agriculture, Food and Consumer Science**

- MSc. Horticulture (options: Postharvest Physiology, Olericulture, Pomology, Seed Technology, Landscape Design and Floriculture)
- MSc. Agricultural Economics
- MSc. Agricultural Project Management

- MSc. Crop Science
- MSc. Climate Change
- MSc. Animal Science
- MSc. Agribusiness
- M.Ed Agriculture
- MSc. Postharvest Technology
- MSc. Food Science and Technology
- MSc. Soil and Water and Conservation Management

**School of Economics**

- MSc. Economic Development Policy

**City Campus*****Sandwich Programmes in Preparation*****School of Business**

- MSc Accounting and Finance
- MSc Development Finance
- MSc Entrepreneurship and Innovation
- MSc Leadership and Organizational Development
- MSc Procurement and Supply Chain Management

***Weekend Programmes*****School of Business**

- MBA Educational Management and Leadership
- MBA Accounting
- MBA Finance
- MBA Health Services Administration
- MBA Human Resource Management
- MBA Management Information System
- Master of Public Administration
- MBA Marketing
- MBA Procurement and Supply Chain Management

***Full-Time Programmes*****Tamale Campus****School of Allied Health Sciences**

- MSc./MPhil/PhD Public Health Nutrition (PHN)
- MPhil/PhD Chemical Pathology

**School of Public Health**

- Master of Public Health/PhD in Public Health
- MPH (Maternal and Child Health)
- MPH (Environmental Health)
- MSc/MPhil Community Disaster Resilience Studies
- MSc/MPhil (Community Health and Development)
- MSc/MPhil Epidemiology and Biostatistics

**School of Medicine**

- MPhil/PhD Molecular Medicine
- MPhil/PhD Clinical Microbiology
- MPhil/PhD Clinical Sciences
- Master of Health Professions Education

**Faculty of Education**

- MPhil Training and Development
- MPhil Educational Management and Planning
- MPhil Special Education
- MPhil Agriculture Science Education
- MPhil Health Science Education
- MPhil Measurement and Evaluation
- MPhil Guidance and Counselling
- MPhil/PhD Basic Education

**Faculty of Sustainable Development Studies**

- MPhil Development Education

*Full-time Programmes in Preparation***School of Nursing and Midwifery**

- MSc/MPhil Nursing

**Faculty of Sustainable Development Studies**

- PhD Development Studies

**Nyankpala Campus****Faculty of Agriculture, Food and Consumer Sciences**

- MPhil/PhD Post-Harvest Technology
- MPhil/PhD Soil & Water Conservation & Management
- MPhil/PhD Animal Science (Options: Meat Science, Nutrition, Breeding and Genetics & Production)
- MPhil/PhD Crop Science (options: Agronomy, Crop Physiology, Crop Protection, Plant Pathology & Weed Science)
- MPhil/PhD Horticulture (options: Postharvest Physiology, Postharvest Technology, Olericulture, Pomology, Seed Technology, Landscape Design and Floriculture)
- MPhil/PhD Sustainable Agriculture and Food Systems
- MPhil/PhD Climate Change
- MSc Agricultural Project Management
- MSc/MPhil/PhD Innovation Communication
- MSc/MPhil/PhD Agricultural Economics
- MPhil/PhD Food Science and Technology
- MPhil/PhD Agribusiness
- MPhil Agriculture Education

**Faculty of Natural Resources and Environment**

- MSc. /MPhil/PhD Environmental Management and Sustainability
- MPhil/PhD Agroforestry and Dry Land Conservation

**Faculty of Biosciences**

- MSc. /MPhil /PhD Biotechnology
- MPhil/PhD Fisheries Science
- PhD Sustainable Aquaculture

**Faculty of Communication and Media Studies**

- MA/MPhil/PhD Social Change Communication

**School of Engineering**

- MSc. /MPhil/PhD in Irrigation and Drainage Engineering
- MPhil/PhD Integrated Water Resources Management

**School of Economics**

- MPhil/PhD Economic Development Policy

**Postgraduate Programmes in Preparation:****Faculty of Agriculture, Food and Consumer Science**

- MPhil Agricultural Project Management

**Faculty of Physical Sciences**

- PGD/MSc/MPhil/PhD Mathematics
- PGD/MSc/MPhil/PhD Statistics
- PGD/MSc/MPhil/PhD Computer science
- MPhil/PhD Applied Computational Physics

**Faculty of Social Sciences**

- MA/MPhil/PhD Development Sociology
- MA/MPhil/PhD Political Science

**City Campus****Postgraduate Programmes:****School of Business**

- MPhil Entrepreneurship and Innovation
- MPhil Accounting
- MPhil Finance
- MPhil Health Services Administration
- MPhil Human Resource Management
- MPhil Management Information Systems
- MPhil Public Administration
- MPhil Procurement and Supply Chain Management
- PhD Development Finance
- PhD Business Administration (Accounting, Finance, Entrepreneurship and Innovation, Human Resource Management, Management Information System, Public Administration, Procurement and Supply Chain Management)

**Publications**

**Nkegbe, P. K.**

**Journal Articles**

**Nkegbe, P. K.,** Araar, A., Abu, B. M., Ustarz, Y., Alhassan, H., Edinam Dope Setsoafia, E. D. and Abdul-Wahab, S. (2024). Rural non-farm engagement and agriculture commercialization in Ghana.

- Journal of Agribusiness in Developing and Emerging Economies, 14(1): 77-101. <https://doi.org/10.1108/JADEE-12-2021-0332>
- Sambu, W. C., Picchioni, F., Stevano, S., Codjoe, E. A., **Nkegbe, P. K.**, and Turner, C. (2024). Food systems thinking unpacked: a scoping review on industrial diets among adolescents in Ghana. *Food Security*, 16(1): 79-114. <https://doi.org/10.1007/s12571-023-01408-x>
- Tia, J., Kuunibe, N. and **Nkegbe, P. K.** (2023). Drivers of financial inclusion in Ghana: Evidence from microentrepreneurs in the Wa Municipality of the Upper West Region. *Cogent Economics & Finance*, 11: 2267854. <https://doi.org/10.1080/23322039.2023.2267854>

**Abujaja, A. M.**

#### **Journal Articles**

- Alhassan, H., Apuri, M. A., Cobbinah, E., & **Abujaja, A. M.** (2024). A Poultry Farmers’ Perception and Coping Strategies to Climate Change: Implications on Poultry Production n Bono East Region, Ghana. *Ghana Journal of Science, Technology and Development*, 9(2), 43-60.

## **SCHOOL OF BUSINESS**

### **Introduction**

The School of Business was established in December 2022 and is currently located at the UDS City Campus in Choggu, Tamale. The UDS School of Business is committed to creating top-tier human resources and capacities in business and management to address domestic and international development needs. It provides high-quality teaching, learning opportunities, research, and knowledge sharing.

The school’s mandate is captured in its vision ‘to be a top-tier student-centric business school that produces world-class leaders and a mission ‘to provide top-notch business and management education and cutting-edge research to fulfil national and international development demands’ through strategic innovation and student-centeredness. The school offers various undergraduate and postgraduate programmes.

The school currently has eight (8) Departments, forty one (41) academic staff, eight (8) administrative staff and a student population of two thousand and twenty-eight (2,018).

### **List of Departments**

1. Accounting
2. Finance
3. Marketing and Entrepreneurship
4. Human Resource Management
5. Business Analytics and MIS
6. Public and Health Services Administration
7. Procurement and Supply Chain Management
8. Business Innovation and Incubation (BII)

### **Student Population**

The SoB currently has 1,532 undergraduate students and 486 postgraduate students.

|                        | Male        | Female     | Total        |
|------------------------|-------------|------------|--------------|
| UNDERGRADUATE STUDENTS | 847         | 685        | 1,532        |
| POSTGRADUATE STUDENTS  | 347         | 149        | 496          |
| <b>TOTAL</b>           | <b>1194</b> | <b>834</b> | <b>2,028</b> |

#### Student Statistics for 2023/2024

| DEPT                       | PROGRAMME                                     | M          | F          | T          |
|----------------------------|-----------------------------------------------|------------|------------|------------|
| ACCOUNTING                 | BSC ACCOUNTING                                | 183        | 90         | 273        |
|                            | MBA ACCOUNTING                                | 38         | 17         | 55         |
|                            | MSC ACCOUNTING AND FINANCE                    | 50         | 5          | 55         |
|                            | MPHIL ACCOUNTING                              | 15         | 4          | 19         |
|                            | PHD BUSINESS ADMINISTRATION (ACCOUNTING)      | 4          | 1          | 5          |
|                            | <b>TOTAL</b>                                  | <b>290</b> | <b>117</b> | <b>407</b> |
| BUSINESS ANALYTICS AND MIS | BSC BUSINESS INFORMATION SYSTEMS              | 36         | 10         | 46         |
|                            | MBA MANAGEMENT INFORMATION SYSTEMS            | 25         | 3          | 28         |
|                            | MPHIL MANAGEMENT INFORMATION SYSTEMS          | 7          | 5          | 12         |
|                            | PHD BUSINESS ADMINISTRATION (MIS)             | 6          | 1          | 7          |
|                            | <b>TOTAL</b>                                  | <b>74</b>  | <b>19</b>  | <b>93</b>  |
| FINANCE                    | BSC BANKING AND FINANCE                       | 67         | 48         | 115        |
|                            | BSC FINANCE AND ECONOMICS                     | 22         | 10         | 32         |
|                            | MBA FINANCE                                   | 10         | 11         | 21         |
|                            | MPHIL FINANCE                                 | 11         | 1          | 12         |
|                            | MSC DEVELOPMENT FINANCE                       | 12         | 0          | 12         |
|                            | PHD BUSINESS ADMINISTRATION (FINANCE)         | 6          | 0          | 6          |
|                            | PHD DEVELOPMENT FINANCE                       | 3          | 0          | 3          |
|                            | <b>TOTAL</b>                                  | <b>131</b> | <b>70</b>  | <b>201</b> |
| HROD                       | DIPLOMA IN BUSINESS ADMINISTRATION            | 118        | 79         | 197        |
|                            | BSC HUMAN RESOURCE MANAGEMENT                 | 274        | 299        | 573        |
|                            | MBA EDUCATIONAL MANAGEMENT AND LEADERSHIP     | 6          | 4          | 10         |
|                            | MBA HUMAN RESOURCE MANAGEMENT                 | 25         | 33         | 58         |
|                            | MPHIL HUMAN RESOURCE MANAGEMENT               | 22         | 10         | 32         |
|                            | MSC LEADERSHIP AND ORGANISATIONAL DEVELOPMENT | 21         | 3          | 24         |
|                            | PHD BUSINESS ADMINISTRATION (HRM)             | 6          | 2          | 8          |
|                            | <b>TOTAL</b>                                  | <b>472</b> | <b>430</b> | <b>902</b> |
| MARKETING & ENT            | BSC MARKETING                                 | 25         | 25         | 50         |
|                            | MBA MARKETING                                 | 1          | 5          | 6          |
|                            | MPHIL ENTREPRENEURSHIP AND INNOVATION         | 7          | 1          | 8          |
|                            | MSC ENTREPRENEURSHIP AND INNOVATION           | 4          | 0          | 4          |
|                            | PHD BUSINESS ADMINISTRATION (ENT & INNOV)     | 4          | 0          | 4          |
|                            | <b>TOTAL</b>                                  | <b>41</b>  | <b>31</b>  | <b>72</b>  |

|                   |                                               |            |           |            |
|-------------------|-----------------------------------------------|------------|-----------|------------|
| PROCUREMENT & SCM | BSC PROCUREMENT AND SUPPLY CHAIN MANAGEMENT   | 62         | 58        | 120        |
|                   | MBA PROCUREMENT AND SUPPLY CHAIN MANAGEMENT   | 17         | 4         | 21         |
|                   | MPHIL PROCUREMENT AND SUPPLY CHAIN MANAGEMENT | 7          | 5         | 12         |
|                   | MSC PROCUREMENT AND SUPPLY CHAIN MANAGEMENT   | 15         | 5         | 20         |
|                   | PHD BUSINESS ADMINISTRATION (PSCM)            | 1          | 1         | 2          |
|                   | <b>TOTAL</b>                                  | <b>102</b> | <b>73</b> | <b>175</b> |
| PUBLIC & HSA      | BSC PUBLIC ADMINISTRATION                     | 60         | 66        | 126        |
|                   | MASTER OF PUBLIC ADMINISTRATION               | 10         | 20        | 30         |
|                   | MBA HEALTH SERVICES ADMINISTRATION            | 6          | 1         | 7          |
|                   | MPHIL HEALTH SERVICES ADMINISTRATION          | 1          | 1         | 2          |
|                   | MPHIL PUBLIC ADMINISTRATION                   | 7          | 6         | 13         |
|                   | <b>TOTAL</b>                                  | <b>84</b>  | <b>94</b> | <b>178</b> |

## Office of the Dean

### Staff

| Name            | Qualification                                                                                                           | Rank/Position              |
|-----------------|-------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Adam, I. O.     | PhD (UG, Ghana), ICA (Ghana), MSc (Reading, UK), MSc (London, UK), BSc Business Administration (Accounting) (UG, Ghana) | Associate Professor/Dean   |
| Issahaku I.     | B.Sc. (UDS, Tamale, Gh), MPhil., PhD (UG Legon, Ghana)                                                                  | Professor/Vice-Dean        |
| Adiikanbasi, P. | BSc. (UDS, Ghana), MA (ISSER-UG, Ghana)                                                                                 | Senior Assistant Registrar |
| Umar, S.        | M.Com-Accounting, (UDS-GH), M.Com (UCC-GH), HND (TaTU-GH)                                                               | Assistant Accountant       |
| Hamid, R.       | BBA Management (VVU-GH), MPhil. Innov. Comm. (UDS-GH), BBA Management (Winneba, GH)                                     | Junior Assistant Registrar |

## Department of Accounting

### Staff

| Name              | Qualification                                                                           | Rank/Position                           |
|-------------------|-----------------------------------------------------------------------------------------|-----------------------------------------|
| Issah, O.         | BA (UCC, Cape Coast, Ghana), MSc (York, UK), FCCA (UK)                                  | Senior Lecturer/HOD                     |
| Doe-Dartey, R. K. | BSc (UEW, Winneba, Ghana), MBA (UG), ICA (Ghana)                                        | Lecturer/Graduate Programme Coordinator |
| Munkaila, H.      | BSc (UG), ICAG (Ghana), MPhil (UG, Legon)                                               | Lecturer/School Exams Officer           |
| Sappor, P.        | B.Ed., ICAG, CIMA-TOC. M.Phil., (UCC, Cape Coast, Gh)                                   | Lecturer                                |
| Ahmed, S. S. R.   | BA (CUC, Ghana), ICA (Ghana), MPhil, (KNUST, Kumasi, Ghana)                             | Lecturer                                |
| Anaba, S.         | BCom (UCC, Cape Coast, Ghana), MBA (KNUST, Kumasi, Ghana), MPhil (KNUST, Kumasi, Ghana) | Lecturer                                |
| Ankamah, E.K.     | BSc (UEW, Winneba, Ghana), MPhil (UG)                                                   | Lecturer                                |

**Publications:****Anaba, S.**

**Anaba, S.,** Kamil, R. & Appiah, K.O. (2024). Do Bank Governance Mechanisms and Financial Report Lag Affect Audit Quality? *Journal of African Business*, DOI: 10.1080/15228916.2024.2400034.

**Sappor, P.**

**Sappor, P.,** Francis, A. S. & Rezikatu A. S. S. (2023). The adoption of IFRS for SMEs in the northern sector of Ghana: A case of structural equation modeling. *Cogent Business & Management*, 10:1, 2180840, DOI:10.1080/23311975.2023.2180840

Sarpong, F. A., **Sappor, P.,** Nyantakyi, G., Ahakwa, I., Esther Agyeiwaa, O., & Blandful Cobbinah, B. (2023). From traditional roots to digital bytes: Can digitalizing ESG improve Ghanaian rural banks’ brand equity through stakeholder engagement, and customer loyalty? *Cogent Business & Management*, 10(2), 2232159

Sarpong, F. A., **Sappor, P.,** Nyantakyi, G., Agyeiwaa, O. E., Ahakwa, I., Cobbinah, B. B., & Kir, K. F. (2023). Green financial development efficiency: a catalyst for driving China’s green transformation agenda towards sustainable development. *Environmental Science and Pollution Research*, 1-29, 60717-60745.

**Rezikatu, A. S. S.**

Sappor, P., Francis, A. S. & **Rezikatu, A. S. S.** (2023). The adoption of IFRS for SMEs in the northern sector of Ghana: A case of structural equation modeling. *Cogent Business & Management*, 10:1, 2180840, DOI.

**Department of Finance****Staff**

| <b>Name</b>  | <b>Qualification</b>                                                                                             | <b>Rank/Position</b>      |
|--------------|------------------------------------------------------------------------------------------------------------------|---------------------------|
| Ustarz, Y.   | B.A. (UDS, Tamale, Gh), MPhil. (UG Legon, Ghana) PhD (Stellenbosch, South Africa)                                | Senior Lecturer/HoD       |
| Issahaku, H. | B.Sc. (UDS, Tamale, Gh), MPhil., PhD (UG Legon, Ghana)                                                           | Professor/Vice-Dean       |
| Muazu, I.    | BS.c. (KNUST, Kumasi, Gh), MSc. (UCL, UK) PhD (Witwatersrand, South Africa)                                      | Lecturer                  |
| Jamoni, P.   | B.A. (UDS, Tamale, Gh), Mre(GIMPA, Gh)                                                                           | Lecturer                  |
| Abdulai, I.  | BSc., MPhil (UG Legon, Ghana)                                                                                    | Lecturer                  |
| Suhaibu, I.  | HND (Tamale Polytechnic, Gh), B.A. Dip.Ed (Winneba, Gh), B.A(UCC, Cape Coast, Gh), BSc., MPhil (UG Legon, Ghana) | Lecturer                  |
| Yussif, M.   | B.A; MPhil. (UDS, Tamale, Gh), MSc. (KNUST, Kumasi, Gh)                                                          | Lecturer                  |
| Abukari, R.  | B.A(UCC, Cape Coast, Gh), MBA (KNUST, Gh).                                                                       | Lecturer                  |
| Omaru, A.    | B.A (Bonn, Germany), MBA (Hochschule Coburg, Germany)                                                            | Lecturer                  |
| Yahaya, M.   | BED. (Winneba, Ghana. MBA, M.Phil. (KNUST, Gh)                                                                   | Lecturer                  |
| Awutey, F.   | BSc. (UCC, Cape Coast, Gh), ICAG(Gh); CIB(Gh), MCom. (UDS, Tamale, Gh).                                          | Lecturer                  |
| Murtala, Z.  | Bcom; Mcom (UCC, Cape Coast, Gh), ICAG(Gh).                                                                      | Lecturer                  |
| Salifu, M.G. | BSc. Finance (UDS-GH)                                                                                            | Senior Research Assistant |

**Publications:****Issahaku, H.**

**Issahaku, H., & Abu, B. M.** (2024). Access to Credit and Child Nutritional Outcomes in Ghana. *Journal of African Development*, 25(2), 131-162.

Tang, D., & **Issahaku, H.** (2024). Public debt and unemployment in Sub-Saharan Africa: the role of institutional framework. *SN Business & Economics*, 4(3), 37.

Abdulai, M. G., & **Issahaku, H.** (2024). The effect of financial development and legal institutions on financial inclusion in Sub-Saharan Africa. *Journal of Open Innovation: Technology, Market, and Complexity*, 10(1), 100255.

**Issahaku, H., & Ustarz, Y.** (2024). Digital Technology and Acceleration of the Circular Economy. In *Circular Economy and Sustainable Development: A Necessary Nexus for a Sustainable Future* (pp. 319-333). Cham: Springer International Publishing.

**Issahaku, H., Isshaq, Z., & Amidu, M.** (2024). How Does Taxation of Natural Resources Promote Inclusive Development in Africa?. In *Taxation and Management of Natural Resources in Africa* (pp. 259-280). Cham: Springer Nature Switzerland.

**Issahaku, H., Ustarz, Y., & Domanban, P. B.** (2024). International remittances and trade in sub-Saharan Africa: Does size matter? Evidence from endogenous dynamic panel threshold model. *The Journal of International Trade & Economic Development*, 33(6), 1208-1231.

**Issahaku H., & Ustarz, Y.** (2023). International remittances and trade in sub-Saharan Africa: does size matter? Evidence from endogenous dynamic panel threshold model. *The Journal of International Trade & Economic Development*, DOI: 10.1080/09638199.2023.2241920.

Anarigide, D., **Issahaku, H., & Dary, S. K.** (2023). Drivers of financial innovation in sub-Saharan Africa. *SN Business & Economics*, 3(165).

**Issahaku, H., Kabiru, A., & Abdul Basit, D.** (2023). Patterns and Causal Connections between Changes in Exchange Rates and Interest Rates in Ghana. *Ghana Journal of Development Studies*, 20(1), 119.

**Issahaku, H., Kuunibe, N., & Abdul-Wahab, S.** (2023). Child Labour in the Savannah Ecological Zone of Ghana: Is Poverty Really the Cause? In Gasu, J., Nkegbe, K. P., & Galaa, S. Z. (ed.). *Concepts, Theories and Empirical Discourses* (2023): 131. Woeli Publication Services.

**Ibrahim, M.**

**Ibrahim, M., Adams, S., Vo, X. V., & Osei, D. B.** (2024). Accelerating innovation in industrialized countries: How relevant is the interaction between financial development and environmental factors? *Cogent economics & finance*, 12(1).

Fuseini, E. I., **Ibrahim, M., Adam, I. O., & Vinh Vo, X.** (2024). Re-examining the moderating role of ICT in the nexus between financial development and banking efficiency: evidence from Africa. *Cogent Economics & Finance*, 12(1), 2325833.

Aluko, O. A., Opoku, E. E. O., **Ibrahim, M.,** and Kufour, N. K., (2023). Put on the light! Foreign Direct Investment, Governance and Access to Electricity, *Energy Economics*, 119(C).

**Ibrahim, M.,** and Vencatachellum, D., (2023). Determinants of Sovereign Bonds Issuance and Spread: Is There an African Premium? *Economics Letters* [forthcoming]

**Ibrahim, M.,** and Vo, X. V., (2023). On The Drivers of Sovereign Bonds Capitalization in Emerging Markets and Developing Economies, *International Economics* [forthcoming.]

- Ibrahim, M.,** Vo, X. V., and Osei, D. B., (2023). Heterogeneous effects of innovation on environmental quality: Evidence from novel panel quantile regressions, *International Development* [forthcoming]
- Ibrahim, M.,** Vo, X. V., and Adams, S., (2023). Impact of Financial Development on Innovation in OECD Countries: The role of Environmental Degradation, Energy Consumption and Renewable Energy, *Economics Letters*, (forthcoming).
- Ustarz, Y.**
- Abdulai, M. G., **Ustarz, Y.,** & Boakye, D. C. (2024). Effect of governance on investment: Evidence from Sub-Sahara Africa. *Quantitative Finance and Economics*, 8(1), 103-125.
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## Department of Marketing and Entrepreneurship

### Staff

| Name            | Qualification                                                                              | Rank/Position                       |
|-----------------|--------------------------------------------------------------------------------------------|-------------------------------------|
| Asitik, A. J.   | BA, MPhil. (Cape Coast, Gh), PG Cert, PhD (University of Central Lancashire, Preston, UK). | Senior Lecturer/ Head of Department |
| Asare-Larbi, M. | BMS, MCom (UCC, Cape Coast, Gh).                                                           | Lecturer                            |
| Seidu, A.A.J.   | BSc (Ghana), MPhil (UPS, Accra, Gh).                                                       | Lecturer                            |
| Addaebisa, I.   | BSc, MSc. (UDS, Tamale, Gh), MBA (Valley View, Techiman, Gh), LLB (Kumasi, Gh).            | Lecturer                            |
| Iddrisu, A.R.   | BCom (Cape Coast), MBA (KNUST, Kumasi, Gh).                                                | Lecturer                            |
| Azure, G.       | BSc (Ghana), MBA (Jamia Millia Islamia University, New Delhi, India).                      | Lecturer                            |

**Publication:****Asitik, A. J.**

**Asitik, A. J.** (2023). Drivers of Rural Entrepreneurship in Northern Ghana: A Community Capitals Framework Approach. *Journal of Entrepreneurship and Innovation in Emerging Economies*, 9(2), 270-287. <https://doi.org/10.1177/23939575231174794>

**Asare-Larbi, M.**

Gonu, E., Agyei, P.M., Opoku, K. R., & **Asare-Larbi, M.** (2023) Customer orientation, service quality, and customer satisfaction interplay in the banking sector: An emerging market perspective. *Cogent Business & Management*, 10 (1), 1-20.

Sayibu, A. S., Boasiako, J. A., & **Iddrisu, A.R.** (2023). MPs use of the District Assembly Common Fund in Ghana: Perception meets practice. *The Journal of Legislative Studies*, 29(2), 1-17.

**Department of Human Resource and Organisational Development****Staff**

| <b>Staff</b>             | <b>Qualification</b>                                                                               | <b>Rank/Position</b>          |
|--------------------------|----------------------------------------------------------------------------------------------------|-------------------------------|
| <i>Iddrisu. I</i>        | Cert. ‘A’ (TATCO, Tamale, Gh) B.A (UDS, Tamale, Gh),<br>MBA (Beijing, China)<br>PhD (Hefei, China) | Senior Lecturer/HoD           |
| <i>Issifu. A. A.</i>     | BA (KNUST, Gh) MA (UCC, Cape Coast, Gh) PhD<br>(Manchester, UK)                                    | Senior Lecturer<br>(Contract) |
| <i>Mohammed. B</i>       | HND (ATU, Accra, Gh), BED (UEW, Winneba, Gh), MBA<br>(KNUST, Kumasi, Gh), PhD (Malaysia)           | Lecturer                      |
| <i>Rev. Emmanuel. A.</i> | BA (UCC, Cape Coast, Gh) MSc (Edinburg, UK) PhD<br>(UDS, Tamale, Gh)                               | Lecturer                      |
| <i>Abane. S</i>          | BA (Ghana), MPhil (Ghana)                                                                          | Lecturer                      |
| <i>Antwi. J.</i>         | BCOM, (UDS, Tamale, Gh), MCOM (UDS, Tamale, Gh)                                                    | Lecturer                      |
| <i>Abdulai. T</i>        | BSc (Ghana), MPhil (UPSA, Gh)                                                                      | Lecturer                      |

**Publications:****Journal Articles****Iddrisu, I.**

**Iddrisu, I., & Adam, A.** (2024). Nexuses between induction training and on-the-job-training on employee job performance: the mediating role of organizational culture. *International Journal of Organizational Analysis*. <https://doi.org/10.1108/IJOA-11-2023-4110>

**Iddrisu, I., & Mohammed, B.** (2024). Investigating the influence of employee voice on public sector performance: The mediating dynamics of organizational trust and culture. *Social Sciences & Humanities Open*, 10, 101096. <https://doi.org/10.1016/j.ssaho.2024.101096>

Tosin, A. Y., Iddrisu, S., Mohammed, J., **Iddrisu, I.**, Sayibu, M., & Okagbue, E. F. (2024). A Pedagogical Smart Learning Environment (PSLE): Mobile Transitioning at Home a Constructivism Theory in Ghana. *International Journal of Smart Technology and Learning*, 4(1). <https://doi.org/10.1504/IJSMARTTL.2024.10061027>

**Iddrisu, I.** (2023). Influence of staff performance on public university operations: Examining motivation and retention factors. *Social Sciences and Humanities Open*, 8(1). <https://doi.org/10.1016/j.ssaho.2023.100744>

**Iddrisu, I., & Abdulai, A.-R.** (2023). Stress in the Bank: Impact on Employee Performance. *International Journal of Social Science Research and Review*, 6(2), 68–81. <https://doi.org/10.47814/ijssrr.v6i2.842>

#### **Bawah, M.**

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**Sadia, L., Mohammed, A.S. & Bawah, M.** (2023) Innovation and Development in Sub-Sahara Africa: The Role of Institutional Development and Inter Alia. ISSN 2412-897X (Online): DOI: 10.36348/sb.2023.v09i05.001

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#### **Antwi, J.**

**Kpinpuo, S.D., Antwi, J., & Akparep, J. Y.** (2023). Succession management and corporate sustainability in Ghana: a leadership succession paradox. *Industrial and Commercial Training*, 55(1), 124-142. <https://doi.org/10.1108/ICT-09-2021-0067>

**Dwumah Manu B, Ying F, Oduro D, Antwi J, & Yakubu A. R.** (2023). The impact of social media use on student engagement and acculturative stress among international students in China. *PLoS ONE*, 18(4), e0284185. <https://doi.org/10.1371/journal.pone.0284185>

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## **Department of Business Analytics and Management Information Systems**

### **Staff**

| <b>Name</b>               | <b>Qualification</b>                                                                                                 | <b>Rank/Position</b>            |
|---------------------------|----------------------------------------------------------------------------------------------------------------------|---------------------------------|
| <i>Abdul-Hamid, A. W.</i> | <i>BBA, MSc, PhD (IIUM, Malaysia)</i>                                                                                | <i>Lecturer/Acting HOD</i>      |
| <i>Adam, I. O.</i>        | <i>BSc Administration (Accounting) (UG, Ghana, MSc (Reading, UK), MSc (London, UK), ICA (Ghana), PhD (UG, Ghana)</i> | <i>Associate Professor/Dean</i> |
| <i>Shaibu, I.</i>         | <i>BSc. (UDS, Ghana), MPhil (UG, Ghana)</i>                                                                          | <i>Assistant Lecturer</i>       |

**Publications:****Adam, I.O.**

- Alhassan, M.D. and **Adam, I.O.** (2024), "Digital inclusion and sustainable development goals", *Journal of Science and Technology Policy Management*, <https://doi.org/10.1108/JSTPM-09-2023-0152Emmanuel>,
- I.F., Ibrahim, M., **Adam, I.O.** & Xuan, VV (2024). Re-examining the moderating role of ICT in the nexus between financial development and banking efficiency: evidence from Africa, *Cogent Economics & Finance*. <https://www.tandfonline.com/doi/full/10.1080/23322039.2024.2325833>
- Abdul-Mumin, M, Yakubu, I.N., & **Adam, I.O.** (2024). ICT and the Quest for Sustainable Development in Africa: The Moderating Effect of Corruption Control in Examining Corruption and the Sustainable Development Goals. <https://www.igi-global.com/book/examining-corruption-sustainable-development-goals/331760>
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- Nterful, J., **Adam, I. O.**, Alhassan, M. D., Abdul-Salam, A., & Gbambegu Umar, A. (2024). An assessment of critical success factors in information security implementation in organizations in Ghana. *Information & Computer Security*, <https://www.emerald.com/insight/content/doi/10.1108/ICS-11-2022-0174/full/html>
- Abdul-Salam, A., **Adam, I. O.**, Alhassan, M. D., Gbambegu Umar, A., & Nterful, J. (2024). Examining the linkages between digitalisation, public service delivery and corruption in Ghana. *Transforming Government: People, Process and Policy*. Vol. 18 No. 2, pp. 241-256. <https://www.emerald.com/insight/content/doi/10.1108/TG-01-2023-0002/full/html>
- Alhassan, M. D., Nuoterah, L., **Adam, I. O.**, Seini, A. B., Bukari, A., Naatu, S., & Issah, M. (2023). Examining the linkages between ICTs, economic development and the sustainable development goals: evidence based on the ICT4D value chain. *International Journal of Innovation Science*, <https://www.emerald.com/insight/content/doi/10.1108/IJIS-05-2022-0086/full/html>
- Alhassan, M. D., & **Adam, I. O.** (2023). The continuance use of e-renewal of a health insurance subscription in Ghana. *International Journal of Healthcare Management*, 1-13. <https://www.tandfonline.com/doi/abs/10.1080/20479700.2022.2099336>
- Adam, I. O.**, & Alhassan, M. D. (2023). Global e-readiness as a foundation for e-government and e-business development: the effect of political and regulatory environment, *International Journal of Business Information Systems* 44 (1), 64-80
- Adam, I. O.**, & Alhassan, M. D. (2023). *The effects of mobile network performance and affordability on e-government development*, *Electronic Government, an Int. J. (EG)* 19 (6), 715-733
- Owusu-Oware, E., Effah, J., **Adam, I.O.**, & Amankwah-Sarfo, F. (2023). Actualizing the affordances of seaport smart container terminal system in a developing country, *Journal of Information Technology Case and Application Research*, DOI: 10.1080/15228053.2023.2250238
- Adam, I. O.**, & Alhassan, M.D. (2023). The mediating role of ICT regulation on the effects of ICT access and ICT use on e-participation: Evidence from structural equation modelling and necessary

condition analysis. *African Journal of Science, Technology, Innovation and Development*, 1-12. <https://www.tandfonline.com/doi/abs/10.1080/20421338.2021.1937815>

### Conference Papers

- Adam, I. O.**, Alhassan, M. D., & Diack, A. (2024). Exploring Students Foundational Skills in Integrating Generative AI in Ghanaian Higher Education: A Constructive Learning Perspective. [https://aisel.aisnet.org/amcis2024/ai\\_aa/ai\\_aa/23/](https://aisel.aisnet.org/amcis2024/ai_aa/ai_aa/23/)
- Adam, I. O.**, Alhassan, M. D., & Diack, A. (2024). Exploring the Integration of Generative AI in Higher Education in Ghana: An Activity Theory Analysis. [https://aisel.aisnet.org/treos\\_amcis2024/70/](https://aisel.aisnet.org/treos_amcis2024/70/)
- Adam, I. O.**, Alhassan, M. D., & Diack, A. (2024). Exploring the Pedagogical Approaches for Generative AI Integration in Computing Education in Ghana: A Constructivist Perspective. [https://aisel.aisnet.org/amcis2024/ai\\_aa/ai\\_aa/22/](https://aisel.aisnet.org/amcis2024/ai_aa/ai_aa/22/)

### Abdul-Wahab, A. H.

- Alshammari, A. A., Altwijry, O., & **Abdul-Wahab, A. H.** (2023). Takaful: Chronology of Establishment in 47 Countries. *PSU Research Review*.
- Yakubu, I. N., **Abdul-Wahab, A. H.**, & Mohammed, A. L. (2023). Reinvigorating the Path to SDG 7: Examining the Link Between Institutional Efficiency and Energy Outcomes in MINT Economies. In *Governance Quality, Fiscal Policy, and the Path to a Low-Carbon Future: Perspectives from Developing Economies* (pp. 235-247). IGI Global.

## Department of Public and Health Services Administration

### Staff

| Name            | Qualification                                                                          | Rank/Position       |
|-----------------|----------------------------------------------------------------------------------------|---------------------|
| Stephen, T.     | B. A (UCC, Cape Coast, Ghana), M. Sc (LZJTU, Lanzhou, China), PhD (HFUT, Hefei, China) | Lecturer/Acting HoD |
| Mohammed, A. S. | B. Ed (UEW, Winneba, Ghana) M. Sc (USTC, Hefei, China)                                 | Lecturer            |
| Mohammed, A. S. | B. Ed (UEW, Winneba, Ghana) M. Sc (USTC, Hefei, China)                                 | Lecturer            |

### Publications:

#### Tetteh, S.

- Dei Mensah, R., **Tetteh, S.**, Annan, J. M., Andoh, R. P. K., & Amoako, E. O. (2024). Human resource records management culture and privacy control in Ghana: the roles of employee experience and top management commitment. *Global Knowledge, Memory and Communication*. Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/GKMC-09-2023-0327>
- Osei-Kusi, F., Wu, C., **Tetteh, S.**, & Castillo, W. I. G. (2024). The dynamics of carbon emissions, energy, income, and life expectancy: Regional comparative analysis. *Plos one*, 19(2), e0293451.
- Amoako, R., Jiang, Y., Adu-Yeboah, S. S., Frempong, M. F., & **Tetteh, S.** (2023). Factors Influencing electronic human resource management implementation in public organisations in an emerging economy: An empirical study. *South African Journal of Business Management*, 54(1), 2937.

Andoh, R.P.K., Dei Mensah, R., **Tetteh, S.**, Boampong, G.N., Adom-Nyankey, K., & Asare, B. (2023). Influence of employees’ perceptions of the uses and security of human resource records on employees’ attitude toward human resource records. *Records Management Journal*, Vol. 33 No. 1, pp. 46-63.

**Tetteh, S.**, Dei Mensah, R., Opata, C.N. and Mensah, C.N. (2023). Ethical leadership and employee creativity among engineering employees: evidence from a developing economy. *Benchmarking: An International Journal*, Vol. ahead-of-print No. ahead-of-print.

### **Mohammed, A. S.**

Sulemana, I., Bawah, M., & **Mohammed A. S.** (2023). Evaluating the Impact of Leader-Member Exchange (LMX) Theory on the Interactions Between Managers and Employees in Chosen Ghanaian Banking Institutions. *International Journal of Membrane Science and Technology*, 10(2), 2559-2571.

Mohammed B., Sulemana, I., **Mohammed A. S.** (2023). The Role of Psychological Capital in Promoting Entrepreneurship and Small Business Success in Ghana. *International Journal of Applied Engineering and Technology*. 5(4), 2963-2978

Mohammed B., **Mohammed A. S.** and Yussif A. (2023). Recruitment and Retention of Top Talent in Ghanaian Industry: The Effectiveness of Recruitment and Selection Processes. *European Chemical Bulletin*, Vol. 12 No. 7, pp. 2042-2061.

Sadia L., **Mohammed A. S.**, & Mohammed, B. (2023). Innovation and Development in Sub Sahara Africa: The Role of Institutional Development and Inter Alia. *Scholars Bulletin*, 9(5), 45-58.

**Mohammed, A. S.**, Abdallah O., & Abdurrahim M. M. (2023). Assessing the Impact of COVID-19 on Bank Customers and their Use of Electronic Banking in Ghana – A Bank Administrative Perspective. *Saudi Journal of Economics and Finance*. 7(6), 290-299.

**Mohammed, A. S.**, Mohammed B., & John A. (2023). Constraints to Adoption of ICT by Human Resource Staff of Ghana Commercial Bank: A Case of Tamale-Main, Aboabo and Hospital Road Branches. *Journal of Survey in Fisheries Sciences*, 10(45) 2531-2544. 2023.

Mohammed, B., **Mohammed A. S.**, John A. (2023). Assessing the Impact of Microfinance Schemes to Meet the Challenging Needs of Women in Human Resource Development: Sagnarigu Municipality as a Case Study. *Saudi Journal of Business Management Studies*, 8(3), 38-45.

## **Department of Procurement and Supply Chain Management**

### **Staff**

| <b>Name</b>            | <b>Qualification</b>                                                         | <b>Rank/Position</b>       |
|------------------------|------------------------------------------------------------------------------|----------------------------|
| <i>Abdul Mumin, M.</i> | <i>MPhil (KNUST, Ghana), BA. (UDS, Ghana)</i>                                | <i>Lecturer/Acting HOD</i> |
| <i>Ibrahim, N.Y</i>    | <i>BSc. (UPSA, Ghana), MSc. (Liverpool, UK), PhD (Ayibu, Ankara, Turkey)</i> | <i>Lecturer</i>            |

### **Publications:**

#### **Abdul Mumin, M.**

**Abdul Mumin, M.**, Adam, I. O., & Alhassan, M. D. (2024). The impact of ICT capabilities on supply chain fraud and sustainability—a dynamic capability perspective. *Technological Sustainability*, 3(2), 123-146.

**Abdul Mumin, M., & Yakubu, I. N.** (2023). Beyond supply chains: Investigating the economic impact of logistics performance. *Journal of International Business, Economics and Entrepreneurship*, 8(2), 7-7.

### Book Chapters

**Abdul Mumin, M., Mahama, A. J., & Sadick, A. H.** (2024). Charting a Course to SDG 3: Exploring the Effect of Corruption on Universal Health Coverage. In *Examining Corruption and the Sustainable Development Goals* (pp. 79-100). IGI Global.

**Abdul Mumin, M., Yakubu, I. N., & Adam, I. O.** (2024). ICT and the Quest for Sustainable Development in Africa: The Moderating Effect of Corruption Control. In *Examining Corruption and the Sustainable Development Goals* (pp. 1-15). IGI Global.

**Mahama, A. J., & Abdul Mumin, M.** (2023). Renewable Energy Resilience: Probing the Role of Political Stability in UAE's Sustainable Energy Transition. In *Governance Quality, Fiscal Policy, and the Path to a Low-Carbon Future: Perspectives from Developing Economies* (pp. 1-31). IGI Global

**Yakubu, I. N.**

### Edited Book

**Yakubu, I. N.** (Ed.). (2024). *Examining Corruption and the Sustainable Development Goals*. Pennsylvania: IGI Global.

### Journal Articles

**Yakubu, I. N., Musah, A., & Aminu Danaa, I.** (2024). Environmental sustainability and government health expenditure in Africa: is there a nexus?. *Technological Sustainability*, 3(4), 416-427.

**Gawusu, S., Tando, M.S., Ahmed, A., Jamatutu, S.A., Mensah, R.A., Das, O., Mohammed, A.L., Yakubu, I.N., & Ackah, I.** (2024). Decentralized energy systems and blockchain technology: Implications for alleviating energy poverty. *Sustainable Energy Technologies and Assessments*, 65, 103795.

**Musah, A., Yakubu, I. N., & Shaibu, A. F.** (2023). Making a digital and financial leap towards sustainable tourism in Ghana. *IIMBG Journal of Sustainable Business and Innovation*, 1(2), 98-113.

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**Yakubu, I. N., Kapusuzoglu, A., & Ceylan, N. B.** (2024). Institutional Quality, Trade Openness, and Renewable Energy Consumption in the GCC Countries. In H. Dincer, S. Yuksel & M. Deveci (Eds.). *Decision Making in Interdisciplinary Renewable Energy Projects: Navigating Energy Investments* (pp. 25-37). Switzerland: Springer Nature.

- Yakubu, I. N.,** Kapusuzoglu, A., & Ceylan, N. B. (2024). Navigating the Energy Transition: How R&D Investment and Governance Quality Drive Clean Energy in the MENA Region. In H. Dincer, S. Yuksel & M. Deveci (Eds.) *Decision Making in Interdisciplinary Renewable Energy Projects: Navigating Energy Investments* (pp. 159-171). Switzerland: Springer Nature.
- Mumin, M. A., **Yakubu, I. N.,** & Adam, I. O. (2024). ICT and the Quest for Sustainable Development in Africa: The Moderating Effect of Corruption Control. In I. N. Yakubu (Ed.). *Examining Corruption and the Sustainable Development Goals* (pp. 1-15). Pennsylvania: IGI Global.
- Yakubu, I. N.,** Salifu, M., & Saani, M. R. (2024). Financial Inclusion, Corruption Control, and Inclusive Growth: Exploring the Dynamic Linkages. In I. N. Yakubu (Ed.). *Examining Corruption and the Sustainable Development Goals* (pp. 169-180). Pennsylvania: IGI Global.
- Mohammed, A. L., **Yakubu, I. N.,** & Abdallah, I. (2024). The Interactive Effect of Control of Corruption and Government Health Expenditure on Health Outcomes. In I. N. Yakubu (Ed.). *Examining Corruption and the Sustainable Development Goals* (pp. 266-278). Pennsylvania: IGI Global.

## Department of Business Innovation and Incubation (BII)

### Staff

| Name          | Qualification                                            | Rank/Position            |
|---------------|----------------------------------------------------------|--------------------------|
| Issaka, Y. B. | B.Sc. (UDS, Tamale, Gh), MPhil (Wageningen, Netherlands) | Senior Lecturer/Director |

## INSTITUTE FOR DISTANCE AND CONTINUING LEARNING (IDCL)

### Introduction

The Institute for Distance and Continuing Learning (IDCL), formerly known as Centre for Distance and Continuing Education (CDCE) has been in existence since 2016. The University established the then centre to serve the purpose of expanding access to tertiary education and addressing the professional needs of a large number of trained and untrained teachers serving in the Ghana Education Service and other public institutions.

The Institute runs programmes through distance mode in Education, Agribusiness, Agricultural Technology and Business related programmes for both diploma and undergraduate levels. Currently, there are twenty (20) distance learning centres across six (6) regions: Northern, Upper East and West, Savannah, Northeast and Oti. The Institute has seventeen (17) active diploma and undergraduate programmes with a total student population of Eight Thousand, Seven Hundred and Three (8703) presented in the table below.

The Institute is located at the City Campus at Choggu-Mmanayili, a suburb of Tamale and is adjacent to the Tamale Technical University (TaTU).

### Management of the Institute

The Institute is managed by the Director, Deputy Director, Assistant Registrar, Assistant Accountant, Examinations Officer, STS Coordinator, Project/Long Essay Coordinator, Programmes Coordinators,

and other auxiliary staff. The activities of the Institute are regulated by the Institute Committee Board, spearheaded by the Pro-Vice Chancellor.

### Students Population by Centre Per Programme

| S/N | CENTRE                                | DIP 100     | DIP 200     | BED/BSc 200 | BED/BSc 300 | BED/BSc 400 | TOTAL       |
|-----|---------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 1   | WENCHI                                | 10          | 13          | 26          | 37          | 21          | 107         |
| 2   | BAWKU                                 | 44          | 32          | 57          | 122         | 57          | 312         |
| 3   | DABOYA                                | 41          | 58          | 50          | 60          | 39          | 248         |
| 4   | JIRAPA                                | 26          | 27          | 20          | 53          | 72          | 198         |
| 5   | SANDEMA                               | 28          | 29          | 52          | 59          | 69          | 237         |
| 6   | SAWLA                                 | 91          | 92          | 60          | 107         | 88          | 438         |
| 7   | WA                                    | 102         | 81          | 105         | 300         | 198         | 786         |
| 8   | YENDI                                 | 179         | 137         | 151         | 181         | 111         | 759         |
| 9   | CHINDERI                              | 54          | 55          | 54          | 74          | 76          | 313         |
| 10  | SALAGA                                | 33          | 22          | 18          | 48          | 16          | 137         |
| 11  | KPANDAI                               | 60          | 53          | 80          | 34          | 79          | 306         |
| 12  | BIMBILLA                              | 217         | 125         | 208         | 318         | 251         | 1119        |
| 13  | KPASSA                                | 27          | 26          | 42          | 29          | 13          | 137         |
| 14  | NAKPANDURI                            | 31          | 8           | 26          | 47          | 34          | 146         |
| 15  | NKWANTA                               | 30          | 16          | 17          | 32          | 30          | 125         |
| 16  | BUIPE                                 | 47          | 52          | 66          | 57          | 106         | 328         |
| 17  | WALEWALE                              | 52          | 34          | 33          | 59          | 55          | 233         |
| 18  | NAVRONGO                              | 5           | 13          | 0           | 11          | 14          | 43          |
| 19  | TAMALE                                | 412         | 397         | 427         | 458         | 358         | 2052        |
| 20  | DAMONGO (AGRICULTURE TECHNOLOGY ONLY) | 0           | 0           | 44          | 55          | 44          | 143         |
| 21  | TAMALE AGRICULTURE TECHNOLOGY         | 29          | 28          | 97          | 77          | 62          | 293         |
| 22  | BUSINESS STUDIES                      |             |             |             | 8           | 15          | 23          |
| 23  | BIMBILLA AGRICULTURE TECHNOLOGY       | 0           | 0           | 20          | 13          | 15          | 48          |
| 25  | BACHELOR OF COMMERCE                  |             |             |             |             | 96          | 96          |
|     | BSc HUMAN RESOURCE                    | 19          |             |             | 24          |             | 43          |
|     | BSc ACCOUNTING                        | 1           |             |             | 32          |             | 33          |
|     | <b>TOTAL</b>                          | <b>1538</b> | <b>1298</b> | <b>1653</b> | <b>2295</b> | <b>1919</b> | <b>8703</b> |

### Staff

| Name          | Qualification                                                      | Rank/Position                          |
|---------------|--------------------------------------------------------------------|----------------------------------------|
| Issaka, C. A. | B.Ed., MPhil., PhD. (UeW, Winneba, Gh.)                            | Senior Lecturer/Director,<br>IDCL, UDS |
| Maxwell K. N. | B.Ed. (Cape Coast, Gh), M. Phil. (Cape Coast. Gh.),<br>Ph.D. (UK,) | Snr. Lecturer, Deputy<br>Director      |
| Atambeogo, S. | Dip., B. Ed., MPhil (Tamale, Winneba, Tamale, Gh.)                 | Assistant Registrar                    |

### Issaka, C.A. (PhD)

#### Journal Articles

- Edward, B. K., Muniru, S., & Cecilia, A. I. (2024). Influence of Professional Learning Communities (PLCs) on Teacher Professional Development (TPD) in Basic Schools in the Tamale Metropolis: *Journal of Education and Practice* Vol.8, Issue No.7, pp. 70 – 87
- Alimatu, I. C. & Mahama, A. (2024). Reshaping Perspectives: Addressing Bullying and Social Stigma at Dakpema Mainstream School in the Tamale Metropolis. *African Journal of Education, Science and Technology*, Vol. 7, No. 4
- Abdul-Mumeen, I., Abdulai, A., Issaka, C. A. and Mahama, A. (2023). Science Education, Curricula and the Hearing Impaired. *African Journal of Chemical Education*, 13(3), 135-162.

- Mahama, A., **Issaka, C. A.**, & Iddrisu, A. M. (2023). A Review of Ghana’s Teacher Education Curricula and the Special Child: The Missing Links. *African Journal of Humanities and Contemporary Education Research*, 11(1), 19–32.
- Issaka, C. A.** (2024). Impact of School-Community Collaboration on the Academic Achievements of Learners with Disabilities in Inclusive Schools Within Tamale Metropolis. *International Journal of Social Science Research and Review: Volume 7, Issue 6 Pages: 118-131*

**Nyatsikor, M.K. (PhD)**

**Journal Articles**

- Issaka, C.A., **Nyatsikor, M.K.**, Quansah, J.Y.D. (2024). Prevalence, strategies and challenges of managing learning disabilities among children in the Gushegu district of the northern region, *Journal of African Education*, 5(2), pp.117-136, DOI: <https://doi.org/10.31920/2633-2930/2024/v5n2a7>.
- Esia-Donkoh, **Nyatsikor, M.K.**, & Nyame, A.G. (2024). Examining job satisfaction among public basic school teachers in Japekrom education Circuit of Ghana. *Interdisciplinary Journal of Educational Practice*, 11, (2) pp.38-50, DOI: <https://doi.org/10.5281/zenodo.11653553>.
- Nyatsikor, M. K.** (2024). Primary school learners’ age and academic achievement in Ghana. The moderating effects of school types. *Educational Research: Theory and Practice*, 35(1), 51-70.

# Tamale Campus



6

## Schools

2

## Faculties

1

## Institute

- School of Medicine
- School of Allied Health Sciences
- School of Nursing and Midwifery
- School of Public Health
- School of Pharmacy and Pharmaceutical Sciences (SOPPS)
- School of Dentistry
- Faculty of Education
- Faculty of Sustainable Development Studies
- Institute for Interdisciplinary Research (IIR)

## SCHOOL OF MEDICINE

The School continues to carry out its mandate during the reviewed period by engaging in teaching, research, and collation activities.

### Philosophy and Mission

The Philosophy and mission of the SoM is anchored on the mandate, method of teaching, research, and community work extension of the University for Development Studies (UDS). The focus of the SoM is to achieve human development through the training of highly qualified health professionals who will be ready and willing to serve with zeal in deprived communities. In order to achieve this Philosophy and Mission, the SoM provides a learning model that develops health professionals who are able to tackle the challenges in the health delivery system to build health communities.

### Department Under the School of Medicine

There are twenty-one (21) Departments in SoM

- Department of Ear, Nose and Throat
- Department of Obstetrics and Gynaecology
- Department of Anaesthesiology and Intensive Care
- Department of Mental Health
- Department of Ophthalmology
- Department of Surgery
- Department of Health Professions Education and Innovative Learning
- Department of Clinical Microbiology
- Department of Paediatrics and Child Health
- Department of Internal Medicine and Therapeutics
- Department of Physiology and Biophysics
- Department of biochemistry and Molecular Medicine
- Department of Anatomy
- Department of Community and Preventive Medicine
- Department of Chemical Pathology
- Department of Family Medicine and Primary Health Care
- Department of Medical Research and Innovation
- Department of Radiology
- Department of Pathology
- Department of Hematology

### Student Population for 2023/2024 Academic Year by Gender

The School of Medicine (SoM) population during the 2023/2024 academic year was one thousand, one hundred and thirty-four (1,134). This was made up of seven hundred and fifty-four (754) male students and three hundred and eighty (380) female students.

### Student Population, Year on Year

| Year   | Male | Female | Total |
|--------|------|--------|-------|
| PBL 2  | 80   | 35     | 115   |
| GEMP 3 | 65   | 20     | 85    |

|              |     |     |       |
|--------------|-----|-----|-------|
| PBL 3        | 104 | 81  | 185   |
| PBL 4        | 126 | 55  | 181   |
| PBL 5        | 127 | 54  | 181   |
| PBL 6        | 113 | 56  | 169   |
| BSc. PA      | 100 | 67  | 167   |
| NA 300       | 13  | 8   | 21    |
| BNA 300      | 17  | -   | 17    |
| Postgraduate | 11  | 2   | 13    |
| Total        | 754 | 380 | 1,134 |

**Staff**

| Name          | Qualification                                | Position/Rank              |
|---------------|----------------------------------------------|----------------------------|
| Tabiri, S.    | MD, PhD, PGCS, FACS, Med (Adm)               | Professor/Dean             |
| Helegbe, G. K | BSc, MPhil, (Ghana), PhD (Nagasaki)          | Vice-Dean/HoD              |
| Abdulai, R.   | MBA, (KNUST, Kumasi, Gh), ChPA (CIAMC)       | Deputy Registrar           |
| Ayam, R. A.   | BBA, (Kumasi,) MA (UDS, Ghana), ChPA (CIAMC) | Junior Assistant Registrar |

**Department of Health Professions Education and Innovative Learning****Staff**

| Name             | Qualification                                                   | Position/Rank             |
|------------------|-----------------------------------------------------------------|---------------------------|
| Mogre, V         | BSc. (UDS), Tamale, Gh) MHPE, Ph.D (Maastricht, the Netherlands | Assoc. Professor/HoD      |
| Kpebu., S. E. A. | BA (Ghana), MPhil (Bergen, Norway)                              | Assistant Lecturer        |
| Abugre, B. A.    | Bed (UDS, Tamale, Gh)                                           | Senior Research Assistant |

**Publications****Mogre, V**

- Seidu, H., Gaa, P. K., & **Mogre, V.** (2024). Adherence to Iron and Folic Acid Supplementation Among Pregnant Women From Northern Ghana. *Nutrition and Metabolic Insights*, 17, 11786388231218664.
- Amalba, A., Amoore, B. Y., Kpebu, S. E. A., Abugri, B. A., & **Mogre, V.** (2023). Exploring Ghanaian medical students’ learning experiences during the COVID-19 lockdown: a case study of the University for Development Studies Medical School. *F1000Research*, 12, 489.
- Mogre, V.**, Sefogah, P. E., Adetunji, A. W., Olalekan, O. O., Gaa, P. K., Ayettey Anie, H. N., & Tayo, B. (2024). A school-based food and nutrition education intervention increases nutrition-related knowledge and fruit consumption among primary school children in northern Ghana. *BMC Public Health*, 24(1), 1739.
- Adzitey, S. P., **Mogre, V.**, & Abdul-Mumin, A. (2024). Disease Burden and Outcome of Neonatal Admissions at the Tamale Teaching Hospital, Ghana: A Prospective Study: Neonatal Disease Burden in the Tamale Teaching Hospital. *Postgraduate Medical Journal of Ghana*, 13(2), 64-70.

**Kpebu, S. E. A.**

Amadu, P. M., Rejoice Enyonam Hoedoafia, R. E., George Dassah, G., Laar, C. K., **Kpebu, S. E.**

**A.,** Aarah-Bapuah, M., Abem, V. K. (2024). The prevalence of depression, anxiety, and stress among undergraduate nursing students in the University for Development Studies, Tamale. *Fortune Journal of Health Sciences*, 7, 178-191.

**Department of Paediatrics and Child Health****Staff**

| <b>Name</b>           | <b>Qualification</b>                                                                                                          | <b>Rank/Position</b>       |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| <i>Abdul-Mumin, A</i> | <i>MD (Gazi, Ankara, TR), Cert Specialty- Paed (Hacettepe, Ankara, TR), APGD(JLI, Singapore), MSc (Memphis, USA) FGCP(Gh)</i> | <i>Associate Prof./HoD</i> |
| <i>Sánchez, D. O</i>  | <i>MD (Villa Clara, Cuba) Cert Specialty-Paed (Villa Clara, Cuba), MS (Havana, Cuba)</i>                                      | Lecturer                   |
| <i>Owusu, S.A</i>     | <i>MBChB (UDS, Tamale, Gh), APGD (JLI, Singapore), MGCP(Gh), MPH</i>                                                          | Lecturer/Exams officer     |
| <i>Bani, F</i>        | <i>MBChB (UDS, Tamale, Gh) MGCP(Gh), MWACP(Gh)</i>                                                                            | Lecturer                   |

**Publications****Abdul-Mumin, A.**

Crews, C., Angwaawie, P., **Abdul-Mumin, A.**, Yabasin, I. B., Attivor, E., Dibato, J., & Coffee, M.

P. (2024). Assessing ventilation through ambient carbon dioxide concentrations across multiple healthcare levels in Ghana. *PLOS global public health*, 4(8), e0003287.

NIHR Global Health Research Unit on Global Surgery, & STARSurg Collaborative (2024). A prognostic model for use before elective surgery to estimate the risk of postoperative pulmonary complications (GSU-Pulmonary Score): a development and validation study in three international cohorts. *The Lancet. Digital health*, 6(7), e507–e519.

**Abdul-Mumin, A.**, Bimpong, K. A., Cotache-Condor, C., Oppong, J., Charadan, A. M. S.,

Munkaila, A., Perez de Souza, J. V., & Smith, E. R. (2024). Impact of the COVID-19 pandemic on perinatal care and outcomes: A retrospective study in a tertiary hospital in Northern Ghana. *PloS one*, 19(5), e0301081.

Walana, W., Al-Azab, M., Yabasin, I. B., & **Abdul-Mumin, A.** (2024) Childhood immunization in Ghana: Tracing the history and projecting the future. *Public Health Chall.* 3:e176.

**Abdul-Mumin, A.**, Boi-Dsane, N.A.A., Oladokun, S.T., Owusu, S.A., & Ansah, Ansah, P. (2024).

Retrospective Data Analysis on Prevalence and Risk Factors for Hypothermia Among Sick Neonates at Presentation to the Neonatal Intensive Care Unit of the Tamale Teaching Hospital. *PloS ONE* 19(5): e0303159.

Dzantor, E.K., Serwaa, D., & **Abdul-Mumin, A.** (2023). Neonatal Jaundice Management: Improving Clinical Knowledge of Jaundice for Improved Attitudes and Practices to Enhance Neonatal Care. *SAGE Open Nursing*. 2023;9.

Opape-Asamoah, K., Vicar, E. K., Acquah, S. E., Quayee, L., **Abdul-Mumin, A.**, Majeed, S. F.,

Sakyi, A. A., Blankson, E. F., & Mensah, K. B. (2023). Bacteriological Profile and Antibiotic Susceptibility Patterns of Sepsis-Causing Bacteria at the Neonatal Intensive Care Unit of a Tertiary Health Care Facility in Ghana. *Microbiology insights*, 16.

Opare-Asamoah, K., Acquah, S. E., Vicar, E. K., Quaye, L., **Abdul-Mumin, A.**, Majeed, S. F., Yakong, V. N., & Yankson, S. (2023). Predictors of the onset of neonatal sepsis at the Neonatal Intensive Care Unit of a tertiary hospital in Ghana: A cross-sectional study. *Health science reports*, 6(11),e1673.

**Sanchez, D.O.**

**Owusu, S.A.**

Migowa, A.N., Hamdi, W., Hashad, S. ....**Owusu SA. (2024)**. Development of the Paediatric Society of the African League Against Rheumatism (PAFLAR) JIA registry and clinical profile of JIA in Africa from the PAFLAR JIA registry. *Pediatr Rheumatol* 22, 67.

Abdul-Mumin A, Boi-Dsane Naa, Oladokun ST, **Owusu SA**, Ansah P (2024) A retrospective data analysis on prevalence and risk factors for hypothermia among sick neonates at presentation to the neonatal intensive care unit of the Tamale Teaching Hospital. *PLoS ONE* 19(5): e0303159.

Nkereuwem, E., Agbla, S., Njai, B., Edem, V. F., Jatta, M. L., Owolabi, O., Masterton, U., Jah, F., Danso, M., Fofana, A. N., Samateh, W., Darboe, M. L., **Owusu, S. A.**, Bush, A., Kampmann, B., & Togun, T. (2024). Post-tuberculosis respiratory impairment in Gambian children and adolescents: A cross-sectional analysis. *Pediatric pulmonology*, 59(7), 1912–1921.

Ratner, L., Sridhar, S., **Owusu, S.**, Rosman, S. L., Molina, R. L., & Kasper, J. (2024). Talk the talk and walk the walk: A novel training for medical students to promote decoloniality in global health. *Frontiers in Education*, 9, 1271924.

## Department of Chemical Pathology

### Staff

| Name          | Qualification                                           | Rank/Position             |
|---------------|---------------------------------------------------------|---------------------------|
| Dongdem, J. T | BSc., MPhil (Ghana), MPhil, Ph.D. (UoN, Nottingham, UK) | Senior Lecturer/HoD       |
| McCarthy, H.  | BSc. (UDS, Tamale, Gh)                                  | Senior Research Assistant |

### Publication

**Dongdem, J.T.**, Dawson P.S. and Layfield R. (2024). Ubiquitin: Structure and Functions. In: Zhan, X. and Jabbari, A. (Eds.). *Modification of Biomacromolecules* [Working Title]. IntechOpen. London. ISBN: 978-1-80355-997-1. DOI: 10.5772/intechopen.112091

Tettevi, E.J., Kuevi, D.N.O., Sumabe, B.K., Simpong, D.L., Maina, M.B., **Dongdem, J.T.**, Osei-Atweneboana, M.Y. and Ocloo, A. (2024). In Silico Identification of a Potential TNF-Alpha Binder Using a Structural Similarity: A Potential Drug Repurposing Approach to the Management of Alzheimer’s Disease. *BioMed Res. Int.*, 2024; Article ID 9985719. <https://doi.org/10.1155/2024/9985719>

## Department of Ophthalmology

### Staff

| Name           | Qualification                                                                                            | Rank/Position                      |
|----------------|----------------------------------------------------------------------------------------------------------|------------------------------------|
| Bonsaana, G.B. | B.Sc., M.B.Ch.B. (Ghana), M.Med-Ophth. (Nairobi), FCOphth (E.C.S.A)                                      | Senior Lecturer/Head of Department |
| Dagba, L.      | BSc., MB.Ch.B. (Kumasi), MGCS (Ophth) (G.C.P.S), BAT with Administration (Kumasi), Dr. Theology (Kumasi) | Lecturer/Dept. Exam. Officer       |

### Publications

Essuman VA, Abaidoo B, Amissah-Arthur KN, Beyuo VM, Nimako A, Frimpong D, Ackah P, Ofori-Adjei IDB, Arthur IP, Kyeremeh GG, Oteng-Gyimah L, **Bonsaana GB**, Simon J, Appiah-Thompson B, Addy JF, Ollennu A, Renner LA, Paintsil V, Guure C, Peprah S, Osei-Bonsu P, Dimara H. (2024). Determinants of retinoblastoma treatment delay in a Sub-Saharan African country, *JFO Open Ophthalmology*, 6, 100094. Doi: <https://doi.org/10.1016/j.jfop.2024.100094>

Boi-Dsane NAA, Seidu AS, Simon J, **Bonsaana GB**. (2023). Living with chronic progressive external ophthalmoplegia alongside cataract, peptic ulcer disease, diabetes and hypertension in Ghana. *Clin Case Rep.*;11:e8213. Doi: <https://doi.org/10.1002/ccr3.8213>

## Department of Biochemistry and Molecular Medicine

### Staff

| Name            | Qualification                                           | Rank/Position                   |
|-----------------|---------------------------------------------------------|---------------------------------|
| Suurbaar, J.    | BSc., MPhil. (UDS, Tamale, Gh), PhD (Ghana)             | Lecturer/Ag HoD                 |
| Helegbe, G. K.  | BSc., MPhil. (Ghana), PhD (Nagasaki)                    | Asso. Professor/Vice Dean (SoM) |
| Sarfo-Antwi, F. | BSc. (UDS, Tamale, Gh), MPhil., PhD (KNUST, Kumasi, Gh) | Lecturer                        |
| Anabire, N. G.  | BSc. (UDS, Tamale, Gh), MPhil., PhD (Ghana)             | Lecturer                        |
| Musah S. H.     | HND, BTech (Accra, Gh), MPhil (UDS, Tamale, Gh)         | Assistant Research Fellow       |
| Billak, G. D.   | BSc. (UDS, Tamale, Gh)                                  | Senior Research Assistant       |

### Publications

#### Helegbe, G. K.

**Helegbe GK**, Saeed J, Mohammed BS. Dyslipidemias: Prevalence and Associated Factors Among Lactating Women in a Lower- and Middle-income Country, Ghana. *Journal of Lipids*. (2023). Volume 2023, Article ID 6280494, <https://doi.org/10.1155/2023/6280494>

Anabire NG, Quaye O, **Helegbe GK**. Circulation of Multiple Hepatitis B Virus Genotypes in Individual Pregnant Women Seeking Antenatal Care in Northern Ghana. *BMC J Virol*. (2023). 20:149 <https://doi.org/10.1186/s12985-023-02110-2>.

Anabire NG, Billark G, **Helegbe GK**. Alcohol intake, smoking, self-medication practices and burden of anaemia among traders in Tamale metropolis of Ghana. *BMC Res Notes*. (2023). 16:214 <https://doi.org/10.1186/s13104-023-06480-2>.

**Helegbe GK**, Woode EB, Ameade, EPK, Aryee PA. Psychosocial Burden of Diabetes Mellitus on Persons Living with Diabetes (PLWD) in the Tamale Metropolis of Ghana. *Journal of Ghana Science Association*, (2023). Volume 21(2). ISSN: 2737-713X.

- Ahenkorah B, Sakyi SA, **Helegbe GK**, Owiredo EW, Der EM. Evaluating circulating soluble markers of endothelial dysfunction and risk factors associated with PE; A multicenter longitudinal case-control study in Northern Ghana. *Heliyon* (2023). 9 (9). Doi: <https://doi.org/10.1016/j.heliyon.2023.e19096>.
- Asantewaa G, Anabire NG, Bauer M, Weis S, Neugebauer S, Quaye O, **Helegbe GK**. Serum Metabolome Signatures Characterizing Co-Infection of *Plasmodium falciparum* and HBV in Pregnant Women. *Diseases*, (2023). 11, 94. <https://doi.org/10.3390/diseases11030094>.
- Helegbe GK**, Wemakor A, Ameade EPK, Anabire NG, Anaba F, Bautista JM, Zorn BG. Co-occurrence of G6PD deficiency and SCT among pregnant women exposed to infectious diseases. *J. Clin. Med.* 2(2023). 12(15), 5085; <https://doi.org/10.3390/jcm12155085>
- Helegbe GK**, Aryee P, Mohammed BS. Pre-Term Delivery and Neonatal Deaths Among Anaemic Pregnant Women in the Bolgatanga Metropolis of Ghana. *Hindawi Journal of Anaemia*. (2023). Article ID 9865224. <https://doi.org/10.1155/2023/9865224>.

### Suurbaar J.

- Suurbaar, J.**, Seidu, Z., & Amponsah, S. K. (2023). Recent Trends in the Diagnosis of Metabolic Disorders. In *Current Trends in the Diagnosis and Management of Metabolic Disorders* (pp. 48-59). CRC Press.

### Anabire, N. G.

- Anabire, N. G.**, Billak, G. D., & Helegbe, G. K. (2023). Alcohol intake, smoking, self-medication practices and burden of anaemia among traders in Tamale metropolis of Ghana. *BMC Research Notes*, 16(1), 214.
- Kotepui, M., Mahittikorn, A., **Anabire, N. G.**, & Kotepui, K. U. (2023). Impact of malaria on glutathione peroxidase levels: a systematic review and meta-analysis. *Scientific Reports*, 13(1), 13928.
- Kotepui, M., Duangchan, T., Mahittikorn, A., Mekhora, C., **Anabire, N. G.**, & Kotepui, K. U. (2023). Interleukin-5 levels in relation to malaria severity: a systematic review. *Malaria Journal*, 22(1), 226.

### Musah, H. S.

- Musah, H. S.**, Addy, F., & Dufailu, O. A. (2024). Antimicrobial resistance and molecular characteristics of *Neisseria gonorrhoea* isolates in Ghana. *Access Microbiology*, 6(2), DOI10.1099/acmi.0.000689.v3

### Billak, G. D.

- Anabire, N.G., **Billak, G. D.**, & Helegbe, G.K. (2023). Alcohol intake, smoking, self-medication practices and burden of anaemia among traders in Tamale metropolis of Ghana. *BMC Research Notes*, 16(1), 1-5.

## Department of Physician Assistant Studies

### Staff

| Name             | Qualification                                | Rank/Position       |
|------------------|----------------------------------------------|---------------------|
| Dun Bo-Ib, B. A. | FGCPS Trauma/Orthopedics), MMED, FCS (ECSA), | Associate Prof./HOD |

## Publications

### Alexis Dun Bo-ib Buunaaim

- Dominic, K.Y., Yempape, T., **Buunaaim, A.D.B.** et al. (2023). Training Traditional Bonesetters in Basic Principles of Fracture Treatment. A Proof Of Concept in Ghana. *J Bone Joint Surg Am*. 00:e1 (1-7). <http://dx.doi.org/10.2106/JBJS.22.01304>
- Tano, E.K., Adu, E.J.K., Boakye-Yiadom, J., **Buunaaim, A.D.B.**, Tano, P.F., Fiifi-Yankson, P.K.S., Hoyte-Williams, P.E. (2023). Short-term functional and aesthetic outcomes of fingertip injuries in Kumasi, Ghana. *Journal of African clinical cases and reviews*, 7(3): 1-10
- Boi-Dsane, N. A. A., Seidu, A. S., & **Buunaaim, A. D. B.** (2023). Generalized tetanus in a farmer following treatment of an open ankle fracture by a traditional bone setter. *Clinical case reports*, 11(6), e7579. <https://doi.org/10.1002/ccr3.7579>
- Yakubu, N.D., Yakong, V., Hawa, M., **Buunaaim, A.D.B.**, Abem, V.K., & Adam, A.B. (2023). A Quantitative Study on the Sociodemographic, Medical-Profile, and Effect of Dialysis on the Quality of Life of Patients. The Case of Northern Region in Ghana. *Int J Clin Med Edu Res*, 2(4), 105-115.
- Faabie, A.P., **Buunaaim, A.D.B.**, Suara, S.B., Mornah, L.N., Koray, M.H., & Zunuo, A.D. (2023). Dietary and obstetric correlates of anaemia among pregnant women: a cross-sectional study from the Wa municipality, Ghana. *African Journal of Midwifery and Women's Health* 2023 17:2, 1-8. Doi.org/10.12968/ajmw.2022.0007
- Buunaaim, A.D.B.**, Ansong, D., Osei, F.A. et al. (2023). Review of the establishment of trauma network of Ghana (TRANET): one-year review and implementation experience in a lower middle-income country. *Eur J Orthop Surg Traumatol*. 33(3), 449–457. <https://doi.org/10.1007/s00590-023-03482-5>
- Buunaaim, A. D. B.**, Osman, I., Salisu, W. J., Bukari, M. I. S., & Yempabe, T. (2022). Epidemiology of elderly fractures in a tertiary hospital in Northern Ghana: a 3-year retrospective descriptive review. *Eur J of Orthop Surg Traumatol*. 33(3), 473-479. <https://doi.org/10.1007/s00590-022-03450-5>
- Buunaaim, A.D.B.**, Adubia, C., Bayor, F. and Kampo, S. (2023) Analgesic Efficacy of Intrathecal Bupivacaine with or without Morphine in Lower Limb Orthopedic Surgery. A Comparative Study. *Open Journal of Anesthesiology*, 13, 58-74. doi: [10.4236/ojanes.2023.133006](https://doi.org/10.4236/ojanes.2023.133006).
- Appiah, A. B., Akweongo, P., Sackey, S. O., Morna, M. T., Kenu, E., **Buunaaim, A. D. B.**, & Mock, C. N. (2022). Effect of different helmet types in head injuries: a case-control study in northern Ghana. *Injury prevention*. 29(1), 50-55. doi.org/10.1136/ip-2022-044683
- Kampo S, Anabah TW, Bayor F, et al. (2022) Endotracheal Tube Cuff Pressure Measurement Techniques: Safety and Reliability: A Randomized Comparative Study. *J Clin Anesth Pain Manag* 6(2):316-323. doi.org/10.36959/377/376

## Publications

### Alexis Dun Bo-ib Buunaaim

- Seidu, A.S., Alhassan, A.R. & **Buunaaim, A.D.B.** (2024). Epidemiology of Polytrauma at a Teaching Hospital in Northern Ghana: A Cross-Sectional Study. *International Journal of clinical Practice*, 2024(1)4131822

- Mengesha, M.G., Rajasekaran, S., Ramachandran, K., Sengodan, V.C., --**Buunaaim, A.D.B.**, et al. (2024). Orthopedic postoperative infection profile and antibiotic sensitivity of 2038 patients across 24 countries- call for region and institution specific surgical antimicrobial prophylaxis. *Journal of Orthopaedics*, 55(2024), 97-10
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- Zomar, B.O., Chen, M., Schaeffer, E.K., Mulpuri, K., Joeris, A., & PedORTHO Study Group- **Buunaaim, A.D.B.** (2024) Management of long bone fractures and traumatic hip dislocations in paediatric patients: study protocol for a prospective global multicentre observational cohort registry. *BMJ Open*, 14, oe079836
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## Department of Surgery

### Staff

| Name            | Qualifications                                                                                                                                      | Rank/Position    |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Yenli, E.M.T.   | MBChB., MGCS., FGCS(Ghana), FICS                                                                                                                    | Assoc. Professor |
| Tabiri, S       | MD, Kharkov-Ukraine., Certificate General Surgery (Kharkov),, PhD, Kharkov-Ukraine, FGCS, FACS, Chicago, MED (UCC., Cape Coast, Gh), FWACS, Senegal | Professor        |
| Abantanga, F.A  | MD., Cert Paed Surg (Kharkov), PhD (Moscow), FWACS., Cert Paed Surg (Halle), FGCS, FICS                                                             | Professor        |
| Kuubiere, C     | FACH (Germany), FGCS                                                                                                                                | Assoc. Prof      |
| Buunaaim, A.D.B | Bsc., MBChB (Ghana), MMED, Makerere-Uganda, FCS (ORTHO) ECSA                                                                                        | Assoc. Prof      |
| Issaka, A       | MD (Ankara University), Ankara, Turkey, specialist in Thoracic surgery (Mamara University) Istanbul, Turkey, FGCS(Ghana)                            | Senior Lecturer  |
| Kyereh, M       | MBChB (Ghana), Post-Grad. Part II Surgery, April, FWACS                                                                                             | Senior Lecturer  |
| Afoko, A.A      | PhD, Moscow), Specilaist Cert. Urology, MD, Rostov Med. Univ.                                                                                       | Senior Lecturer  |
| Muntaka, A.     | MBChB., MGCS., FGCS(Ghana)                                                                                                                          | Senior Lecturer  |
| Adam, A.        | FACH (Germany), FGCS(Ghana)                                                                                                                         | Senior Lecturer  |
| Azahares, A.L.  | MBChB (Cuba), Specialist Paediatric Surgery, (Cuba)                                                                                                 | Senior Lecturer  |
| Bukari, M.I.S   | Human Biology, (UDS, Taamale, Gh) MBChB., MGCS., FGCS (Ghana)                                                                                       | Lecturer         |
| Ramirez C. R.A  | M.D(Cuba), Specialist Colorectal Surgery                                                                                                            | Senior Lecturer  |

**Yenli, E.M.T** MBChB, MGCS, FGCS, FICS

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**Issaka A. MD, Cert. Thoracic Surg, FGCS**

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**Ramirez Calas R.A**      *M.D, Specialist Cert. Colorectal Surgery*

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**MBChB, MGCS, FGCS**

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## Department of Pathology

### Staff

| Name          | Qualification                                                               | Rank/Position          |
|---------------|-----------------------------------------------------------------------------|------------------------|
| Edmund, M. D. | Bsc, Human Biology (Tamale), MBChB, (Tamale), FGCP (Ghana), FWACP (Nigeria) | Professor/HOD          |
| Benard, A.    | Bsc, Human Biology (Tamale), MBChB, (Tamale), Member, WACP (Nigeria)        | Specialist Pathologist |

### Publications

#### Prof. Edmund Muonir Der

Akakpo, P.K., Imbeah, E.G., Ulzen-Appiah, K., Darkwa-Abrahams, A., Ajei, E., Amo-Antwi, K., Amo, O.E., **Der, E.M.**, Wiredu, K.E (2024). *The distribution of hrHPV genotypes among cervical cancer cases diagnosed across Ghana: a cross-sectional study*. *BMC Infect Dis* 24, 356. <https://doi.org/10.1186/s12879-024-09166-7>

Yorke, J., Brenu, S., Awoonor W, R., Tabiri, S., Seidu, A., Yamoah, F., Akpaloo, J., **Der, E.M.**, Adjei, E., Okyere, I., Ihekanandu, K., Bonsu, E., Mensah, S., Adinku, M., Yorke, D., Agyapong, A., Aitpillah, F., Agyei, M., Acheampong, E. 2023. *A gist on an obscure neoplasm in Ghana: gastrointestinal stromal tumours*. *BMC Research Notes*. 16. 10.1186/s13104-023-06593-8.

Ahenkorah, B., Sakyi, S.A., Fondjo, L.A., Helegbe, G., Owiredo, E.W., **Der, E.M.**, Amoah, L.E., Kusi, K.A., Obiri, D., Amoani, B., Bimpong, S., Ofosu, W., Obirikorang, C., Odame, E., Larbie, C., Arthur-Johnson, P., Quaye, I., Ametefe, E.M., Okai, B.K., Anormah, R., Akorli, E., Simono, Charadan, A.M., Aboubacar, R.M., Amesewu, E., Gyan, B. (2023). Evaluating circulating soluble markers of endothelial dysfunction and risk factors associated with PE: A multicentre

longitudinal case control study in northern Ghana. *Heliyon*. 9(9):e19096. doi: 10.1016/j.heliyon.2023.e19096.

## Department of Ear Nose and Throat

### Staff

| Name            | Qualification                                                | Rank / Position  |
|-----------------|--------------------------------------------------------------|------------------|
| Adjeso, T. J. K | B.Sc., M.B.Ch.B. (KNUST, Kumasi, Gh), FGCS (GCPS, Accra, Gh) | Associate Prof   |
| Labrada, R. M   | MD. (Cuba), Fellowship (Cuba)                                | Senior Lect./HOD |
| Antwi, K. F.    | B.Sc. (UEW, Winneba, Gh), MSc (KNUST, Kumasi, Gh)            | Lecturer         |

### Publications

#### Prof Theophilus Justus Kofi Adjeso

Anyomih T. T. K., Mehta A., Wondoh P. M., Mehta A., Siokos A., & **Adjeso T.** (2024). Bullying among medical students and doctors in Ghana: a cross-sectional survey. *Singapore Medical Journal* | DOI: 10.4103/singaporemedj.SMJ-2021-281

**Adjeso T. J. K.**, Dzantor E. K., & Adjeso Y. N. (2023). Ear, Nose and Throat Specialty as a future career preference for medical students in Northern Ghana. *Postgraduate Medical Journal of Ghana*. Vol 12(2), 80-84.

**GlobalSurg Collaborative** (2023). Reducing the environmental impact of surgery on a global scale: systematic review and co-prioritization with healthcare workers in 132 countries. *British Journal of Surgery*. <https://doi.org/10.1093/bjs/znad092>

Adamu I., Anwar S. S., & **Adjeso T.** (2023). Late migration of an aspirated foreign body from the lung to the bowel: A plausible explanation or a medical mystery. A case report. *International Journal of Surgery Case Reports*. <https://doi.org/10.1016/j.iscr.2023.108214>

#### Dr Magdiel Rodriquez Labrada

**GlobalSurg Collaborative** (2023). Reducing the environmental impact of surgery on a global scale: systematic review and co-prioritization with healthcare workers in 132 countries. *British Journal of Surgery*. <https://doi.org/10.1093/bjs/znad092>

## Department of Medical Research and Innovation

### Staff

| Name           | Qualification                                                                               | Rank/Position    |
|----------------|---------------------------------------------------------------------------------------------|------------------|
| Sam, N.B       | HND (Takoradi, Gh), BSc (Cape Coast, Gh), MSc (KNUST, Kumasi, Gh), Ph.D (AMU, Hefei, China) | Snr Lecturer/HOD |
| Bob-Milliar, G | BA (KNUST, Kumasi, Gh), MSc (Brunel University, UK), Ph.D (University of Witwatersrand, SA) | Lecturer         |

### Publications

**Sam, N.B.**, Tabiri, S., and Amofa, E. (2024). Plasma/serum oxidant parameters in systemic lupus erythematosus patients: a systematic review and meta-analysis. *Autoimmune Diseases*. Volume 2024, Article ID 9948612, 14 pages, <https://doi.org/10.1155/2024/9948612>

- Sam N.B.**, Ofosu A.S. & Majeed S.F. (2024). Exploring Disease Manifestations and Influencing Factors in Acute and Chronic Hepatitis B. *European Scientific Journal*, ESJ,32, 365. Retrieved from <https://eujournal.org/index.php/esj/article/view/18454>
- National Institute for Health and Care Research (NIHR) Global Health Research Unit on Global Surgery, **Collaborative**. (2024). Global access to technologies to support safe and effective inguinal hernia surgery: prospective, international cohort study, *British Journal of Surgery*, Volume 111, Issue 7, znae164, <https://doi.org/10.1093/bjs/znae164>.
- Tabiri S, **Sam NB**, and Amofa E. (2024). Co-developing research for inguinal hernia repair in Ghana. *Impact Surgery*. 1(3):98-99. Doi: <https://doi.org/10.62463/surgery.68>
- Equi-Injury Group. **Collaborative**. (2024). Equitable access to quality injury care; Equi-Injury project protocol for prioritizing interventions in four low- or middle-income countries: a mixed method study. *BMC Health Serv Res* 24, 429. <https://doi.org/10.1186/s12913-024-10668-y>
- NIHR Global Research Health Unit on Global Surgery, **Collaborative**. (2024). Access to and quality of elective care: a prospective cohort study using hernia surgery as a tracer condition in 83 countries. *The Lancet Global Health*, ISSN 2214-109X, [https://doi.org/10.1016/S2214-109X\(24\)00142-6](https://doi.org/10.1016/S2214-109X(24)00142-6).
- Duan J., Wang M., **Sam N.B.**, Tian Q., Zheng T., Chen Y., Deng X., and Liu Y. (2024). The Development and validation of a nomogram-based risk prediction model for mortality among older adults, *SSM - Population Health*, doi: <https://doi.org/10.1016/j.ssmph.2024.101605>.
- NIHR Global Health Research Unit on Global Surgery. **Collaborative**. (2024). Routine sterile glove and instrument change at the time of abdominal wound closure to prevent surgical site infection (ChEETAh): a model-based cost-effectiveness analysis of a pragmatic, cluster-randomised trial in seven low-income and middle-income countries. *Lancet Glob Health*. e235-e242. doi: 10.1016/S2214-109X(23)00538-7. Erratum in: *Lancet Glob Health*. 2024 Jun;12(6):e918. doi: 10.1016/S2214-109X(24)00147-5. PMID: 38245114.
- Volsuuri, E., Owusu-Sekyere, E., Imoro, A.Z., and **Sam, N.B.** (2023). Assessing the efficiency of solid waste collection services in urban Ghana, *Waste Management Bulletin*, Volume 1, Issue 3, Pages 71-81, ISSN 2949-7507, <https://doi.org/10.1016/j.wmb.2023.06.001>.
- Xing XY, Zhao Y, **Sam N.B.**, Xu JQ, Chen YJ, Xu W, Wang HD, Liu ZR., and Pan HF. (2023). Salt reduction behavior of adults in Anhui province in 2019: a cross-sectional survey of 3,378 participants. *Front. Public Health* 11:1242969. doi: 10.3389/fpubh.2023.1242969
- Yenli, E.M.T., Bimpong, K.A., Cheyuo, E.K., Muntaka, A.J.M., Issahaku, R.G., Appiah, K.A.A., and **Sam, N.B.** (2023). Managing hypospadias in a tertiary hospital in northern Ghana: a retrospective study. *African Urology*. 3:70-76. <https://doi.org/10.36303/AUJ.0071>

## Department of Anatomy

### Staff

| Name            | Qualification                  | Rank/Position              |
|-----------------|--------------------------------|----------------------------|
| Osabutey, E. K. | B.Sc. (Kumasi), MPhil (Kumasi) | lecturer/HoD               |
| Faakuu, E.ric   | B.Sc. (Tamale), MPhil (Kumasi) | Lecturer/DCROP Coordinator |
| Gonzalez, M. T. | MD, Fellowship (Cuba)          | Lecturer                   |

## Publications

- Walana, Williams, Ezekiel Kofi Vicar, Eugene Dogkotenge Kuugbee, Francis Sakida, Iddrisu Baba Yabasin, **Eric Faakuu**, Solomon Amfoabegy, and Juventus Benogle Ziem (2023). "Antimicrobial resistance of clinical bacterial isolates according to the WHO's AWaRe and the ECDC-MDR classifications : the pattern in Ghana's Bono East Region." *Frontiers in Antibiotics* 2 (2023): 1291046.
- Ahenkorah, Benjamin, Gideon Helegbe, Edmund Muonir Der, Nana Obema Asantewaa Emba, Addai-Mensah Donkor, Winfred Ofori, Priscilla Arthur Johnson, **Eric, Faakuu** et al. (2023)"Aetiology of Anaemia among Pregnant Women in Northern Ghana." (2023): 159-175
- Ezekiel K. Vicar, Williams Walana, Mildred G. O. Marfo, George K. Darko, Majeed S. Folorunsho, **Emmanuel K. Osabutey**, Mauvina Obeng-Bempong, Kwame Opare-Asamoah (2024). Prevention and home-based management of childhood diarrhoea in an urban informal settlement in Northern Ghana ; a cross-sectional study of maternal knowledge, attitude and practices. *Reprod Female Child Health*. 2024 ; 3:e101.
- Ezekiel K. Vicar, Williams Walana, Rosemond A. Fordjour, Christiana Benneh, Rosemond E. Bentil, Gifty M. Wuffelle, **Emmanuel K. Osabutey**, Gilbert Nachinab, Mauvina Obeng-Bempong (2024). The use of antibiotics during pregnancy: a cross-sectional study of knowledge, attitude, and practices among antenatal care attendees in Northern Ghana. *Health Sci Rep*. 2024; 7:e2111.
- Hernandez, O.R., Hisham, N.M. and **Millan, T.G.** (2024). Determinants and Effects of Burnout on Healthcare Professionals and Healthcare Delivery at the Seventh Day Adventist (SDA) Hospital, Tamale, in the Northern Region of Ghana. *Open Access Library Journal*, 11:e11252.

## Department of Internal Medicine and Therapeutics

### Staff

| Name              | Qualification                                                                                                                  | Rank / Position     |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------|
| Dr Rivera, O H.   | MD (Cuba), MSc. (Cuba), FCCP (Cuba), FGCP (Ghana) Certificate of Leadership and Management in Health. (Washington University). | Senior lecturer     |
| Dr Akanbong, P.   | MBChB/UG, MWACP/Ghana/MBA                                                                                                      | Senior lecturer/HOD |
| Dr Braimah, B. A. | MBChB (UDS), MGCP(Ghana), MHPE (Maastricht University)                                                                         | Senior lecturer     |
| Dr Atiku, A.      | MBChB (UDS), MGCP (Ghana), MHPE (Maastricht University)                                                                        | Senior lecturer     |

## Publications

- Hernandez, O.**, Hisham, N. and Millan, T. (2024). Determinants and Effects of Burnout on Healthcare Professionals and Healthcare Delivery at the Seventh Day Adventist (SDA) Hospital, Tamale, in the Northern Region of Ghana. *Open Access Library Journal*, 11, 1-23. Doi:10.4236/oalib.1111252
- Dzifa Ahadzi, Claudia Leung, Rahma Al-Hassan, Yabasin Iddrisu Baba, Abdul-Subulr Yakubu, Annette Cournooh, Scott Ikeda, Samuel Yao Alomatu, Patience Sakeah, Laud Boateng, **Odalys Riviera Hernandez, Prosper Akanbong**. (2024). Abstract: "Adaptive Cardiac Arrest Training Curriculum for Capacity Building in Northern Ghana: Addressing Contextual Challenges for Sustainability". American Heart Association Annual Congress, 2024

- Claudia Leung, Laud Boateng, Dzifa Ahadzi, Cynthia Akumanue, Frank Hill Koomson, PeterMintir Amadu, Issifu Amoaba, Patience Gaa, Rejoice Hoedoafia, Sophia Kpebu, Victor Mogre, **Odalys Riviera**, Rajesh Vedanthan. (2024). Abstract: “Research in the Service of Care: Optimizing Chronic Disease Management in Northern Ghana”. (2024). 17<sup>th</sup> Annual Conference on the Science of Dissemination and Implementation. Academy Health
- Der EM, Nabare CJ, **Akanbong P.** The Pattern of Underlying Causes of Death in Northern Ghana: A Review from the Medical Certificate of Death (MCCD) at the Tamale Teaching Hospital (TTH). *Ann Med Health Sci Res.*2022;321-332
- Abdul-Jalilu Mohammed Muntaka, Abubakari Bawa, Stephen Tabiri and **Abubakari Braimah Baba**. Acute Abdominal Wall Hernia due to Trauma: A Case Report in Northern Ghana. *Clin Case Rep J.* 2024;5(1):1-5
- Matthew Y. Konlan, Fuseini Mahama, **Braimah B. Abubakari**, Paul Konka, Benedict O. Appiah, Maxwell O. Yeboah, Peter G. Kwarteng, Porbilla O. Apea, Michael R. Adjei, Martin N. Adokiya, Oheneba Boadum, Hilarius A. K. Abiwu. Predictors of Vaccine Card Retention in Tamale Metropolis, Ghana. <https://doi.org/10.1371/journal.pone.0292765> February 26, 2024
- Chloe Tuck, Laura Gray, Hamza Suraj, Abdul-Rashid Timtoni Iddrisu, Tampuri Rahman Abane, Richard Aryeetey, **Braimah Abubakari Baba**, Robert Akparibo, Richard Cooper. A Cross-sector Approach to Explore Socio-ecological Association with Treatment Engagement Behaviours in Northern Ghana. *Journal of Cancer Policy* 41 (2024) 100497
- Moses Barima Djimatey, Abdul-Rahim Abubakari, Augustina Angelina Sylverken, Theophilus Odoom, **Braimah Baba Abubakari**, John Akwasi Ohemeng, Gowri Yale, Federic Lohr and Anita Mahadevan. Transnasal Brain **Sampling** for Human Rabies Diagnosis. *Anatomia* 2024,3,221-226.

## Department of Community Health and Preventive Medicine

### Staff

| Name        | Qualification                                                                                     | Rank/Position      |
|-------------|---------------------------------------------------------------------------------------------------|--------------------|
| Apanga, S   | B.Sc., (UDS, Tamale, Gh), MBChB., (KNUST, Kumasi, Gh), M.Sc., (Pompeu Fabra, Spain), Ph.D (Ghana) | HOD                |
| Dary, T.B   | B.Sc., (UDS, Tamale, Gh), MBChB., (UDS, Tamale, Gh), M.P.H (UDS, Tamale, Gh)                      | Assistant lecturer |
| Amoore, A.Y | B.Sc., (UDS, Tamale, Gh), M.P.H (UDS, Tamale, Gh)                                                 | Assistant lecturer |
| Dam, K.M    | B.Sc., (UDS, Tamale, Gh), MBChB., (UDS, Tamale, Gh), MGPS., (GCPs, Accra)                         | Lecturer           |

### Publications

- Amoore, B. Y.**, Gaa, P. K., Ziblim, S. D., & Mogre, V. (2023). Preparedness of medical students to provide nutrition care following a nutrition education intervention. *BMC Research Notes*, 16(1), 1-7.
- Amoore, B. Y.**, Gaa, P. K., Amalba, A., & Mogre, V. (2023). Nutrition education intervention improves medical students' dietary habits and their competency and selfefficacy in providing nutrition care: A pre, post and follow-up quasi-experimental study. *Frontiers in Nutrition*, 10.
- Mogre, V., **Amoore, B. Y.**, & Gaa, P. K. (2023). A scoping review of nutrition education interventions to improve competencies, lifestyle and dietary habits of medical students and residents. *Journal of Nutritional Science*, 12, e31.

- Amalba, A., **Amoore, B. Y.**, Kpebu, S. E. A., Abugri, B. A., & Mogre, V. (2023). Exploring Ghanaian medical students’ learning experiences during the COVID-19 lockdown: a case study of the University for Development Studies Medical School. *F1000Research*, 12, 489.
- Sulemana Z, Gqunu S, Abobo F, Halm H, Awuku NO, Kumi R, **Amoore B**, Ephraim R, Duah E, Agoni C. (2024). Knowledge and utilization of family planning services among tertiary students in Northern Ghana: The case of College of Nursing and Midwifery, Nalerigu. *Afr J Reprod Health*. 31;28(5):55-66.
- Apanga, S.**, Alhassan, M. & Abdulai, B. (2024). A rare case of trigeminal trophic syndrome with periorbital cellulitis and full-thickness upper eyelid defect in an undiagnosed patient with human immunodeficiency virus: a case report. *J Med Case Reports* 18, 335.
- Tengepare, F.X., Chirawurah, D. & **Apanga, S.** (2024). Improving maternal and child nutrition services in community based health planning and services zones in the jirapa municipality of northern ghana-challenges and strategies: the perspective of community health officers. *BMC Nutr* 10, 87.

## Department of Mental Health

### Staff

| Name           | Qualification                                                                                                                                                   | Rank/Position                                 |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| Amadu P. M.    | B. ED, MPHIL (UCC, CAPE COAST GH)                                                                                                                               | Lecturer, HoD                                 |
| Hoedoafia R. E | MSc (Institute for Psychological Sciences Divine Mercy University Arlington, VA- USA), PhD (Institute of Psychology Pontifical Gregorian University Rome-Italy) | Lecturer                                      |
| Koomson W.F.H. | BSc Human Biology (K.N.U.S.T. GH), MBChB (K.N.U.S.T. GH), Member, GCPS, Psychiatry, Ghana.                                                                      | Lecturer, Coordinator<br>Dept of Pharmacology |

### Publications

#### Peter Mintir Amadu

- Peter Mintir Amadu**, Rejoice Enyonam Hoedoafia, Vivian Kapio Abem, Nicholas Danzima Yakubu, Mohammed Imoro, Abass Mohammed Sherif, Abdul Rahaman Abdul Razak. Substance Abuse among the Youth of Northern Region: The Realities of Our Time. *Journal of Psychiatry and Psychiatric Disorders*. 8 (2024): 15-23.
- Rejoice Enyonam Hoedoafia, **Peter Mintir Amadu**, Hawawu Hussein. Psychological Impacts of COVID-19 Pandemic on Students of the School of Medicine University for Development Studies (UDS), Tamale, Ghana. *Journal of Psychiatry and Psychiatric Disorders*. 8 (2024): 59-69
- Peter Mintir Amadu**, Rejoice Enyonam Hoedoafia, George Dassah, Laar Kantam Cletus, Sophia Ewuenye Adwoa Kpebu, Millicent Aarah-Bapuah, Vivian Kapio Abem. The Prevalence of Depression, Anxiety, and Stress Among Undergraduate Nursing Students in the University for Development Studies, Tamale. *Fortune Journal of Health Sciences*. 7 (2024): 197-210
- Peter Mintir Amadu**, Rejoice Enyonam Hoedoafia, Abdul-Rahman Abdul-Kadiri, Philomena Konadu, Vivian Kapio Abem, Barnabas Atangongo, Divine Davor. Depression, Anxiety and Stress among Basic School Students in Northern Region of Ghana. *Journal of Pediatrics, Perinatology and Child Health*. 8 (2024): 36-40.
- Peter Mintir Amadu**, Rejoice Enyonam Hoedoafia. Mental Health Issues and Challenges in Northern Region of Ghana: Practitioners Perspectives. *Journal of Psychiatry and Psychiatric Disorders*. 8 (2024): 70-76.

Dziwornu, E., **Amadu, P. M.**, & Oppong, S. (2024). On the development of psychology profession in Northern Ghana. *Legon Journal of the Humanities*, 35(1), 227-246.

### **Hodoafia R. E**

Peter MintirAmadu, **Rejoice Enyonam Hoedoafia**, Vivian KapioAbem, Nicholas Danzima Yakubu, Mohammed Imoro, Abass Mohammed Sherif, Abdul Rahaman Abdul Razak. Substance Abuse among the Youth of Northern Region: The Realities of Our Time. *Journal of Psychiatry and Psychiatric Disorders*. 8 (2024): 15-23.

**Rejoice Enyonam Hoedoafia**, Peter Mintir Amadu, Hawawu Hussein. Psychological Impacts of COVID-19 Pandemic on Students of the School of Medicine University for Development Studies (UDS), Tamale, Ghana. *Journal of Psychiatry and Psychiatric Disorders*. 8 (2024): 59-69

Peter Mintir Amadu, **Rejoice Enyonam Hoedoafia**, George Dassah, Laar Kantam Cletus, Sophia Ewunye Adwoa Kpebu, Millicent Aarah-Bapuah, Vivian Kapio Abem. The Prevalence of Depression, Anxiety, and Stress Among Undergraduate Nursing Students in the University for Development Studies, Tamale. *Fortune Journal of Health Sciences*. 7 (2024): 197-210

Peter Mintir Amadu, **Rejoice Enyonam Hoedoafia**, Abdul-Rahman Abdul-Kadiri, Philomena Konadu, Vivian Kapio Abem, Barnabas Atangongo, Divine Davor. Depression, Anxiety and Stress among Basic School Students in Northern Region of Ghana. *Journal of Pediatrics, Perinatology and Child Health*. 8 (2024): 36-40.

Peter Mintir Amadu, **Rejoice Enyonam Hoedoafia**. Mental Health Issues and Challenges in Northern Region of Ghana: Practitioners Perspectives. *Journal of Psychiatry and Psychiatric Disorders*. 8 (2024): 70-76.

### **Department of Obstetrics and Gynaecology**

| <b>Name</b>     | <b>Qualification</b>                                                                                                                                                                                                                                                                                                                                      | <b>Rank/Position</b>                |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| Asirifi, S.K.A  | MD (Moscow State Medical University, Russia).<br>Specialist Cert. (Volgograd State Medical University, Russia). PhD (Volgograd State Medical University, Russia).<br>Fellowship Cert. (Ghana College of Physicians and Surgeons)                                                                                                                          | HoD/ Senior Lecturer/<br>Consultant |
| Simono Ch, A.M. | MD (Guantanamo, Cuba). Specialist in Obstetrics and<br>Gynecology (Guantanamo, University. Cuba)<br>M.Sc (Guantanamo, University. Cuba) University) Fellow<br>Cuban College Surgeons (FCCS), Fellow of Ghana College of<br>Surgeons (FGCS). Leadership and management in Health<br>certificate. University of Washington. 2021. ISOG<br>Certificate. 2023 | Senior Lecturer<br>/Consultant      |
| Kolbilla Z, D.  | MD (kharkov Medical University), MPH Population and<br>Reproductive Health KNUST, FWACS (KATH Ghana)                                                                                                                                                                                                                                                      | Senior Lecturer                     |
| Munkaila A.     | MBChB (UDS, GHANA), MEMBER (GCPS), Masters of<br>Health Professions Health in PBL, Currently in Fellowship<br>training, (GCPS)                                                                                                                                                                                                                            | Senior Lecturer                     |
| Malechi H.      | MBChB (UGMS KBTH), MGCPS (Ghana), FCGPS (Ghana)                                                                                                                                                                                                                                                                                                           | Senior Lecturer                     |
| Issahaku T.S.   | MBChB (UDS), MGCPS (Ghana)                                                                                                                                                                                                                                                                                                                                | Lecturer                            |
| Shamrock L.     | MBChB (UDS), MGCPS (Ghana)                                                                                                                                                                                                                                                                                                                                | Lecturer                            |
| Adu-Asare K.    | MBChB (UDS), MGCPS (Ghana)                                                                                                                                                                                                                                                                                                                                | Lecturer                            |

**Publications:**

**Assessing the Level of Knowledge and Health Seeking Behaviour among Diabetic Patients in the Jasikan District** Journal of Complementary and Alternative Medical Research Volume 25, Issue 8, Page84-93, 2024; Article no.JOCAMR.117338 ISSN: 2456-6276. August 2024. DOI: <https://doi.org/10.9734/jocamr/2024/v25i8562>

**Assessing the Health Belief Model of Students with Regard to Breast Cancer: A Descriptive Study** Journal of Cancer and Tumor International Volume 14, Issue 4, Page 18-31, 2024; Article no.JCTI.117345 ISSN: 2454-736. September 2024; DOI: <https://doi.org/10.9734/jcti/2024/v14i4263>

**Awareness and Knowledge Level of Puerperal Mothers on Neonatal Jaundice: A Qualitative Study in Northern Ghana** Asian Journal of Pediatric Research Volume 14, Issue 6, Page 45-60, 2024; Article no.AJPR.108748 ISSN: 2582-2950. May 2024.DOI: <https://doi.org/10.9734/ajpr/2024/v14i6354>

**Factors Influencing the Healthcare seeking Decisions of Diabetic Patients in Ghana** Journal of Complementary and Alternative Medical Research Volume 25, Issue 8, Page 94-102, 2024; Article no.JOCAMR.117340 ISSN: 2456-6276. August 2024. DOI: <https://doi.org/10.9734/jocamr/2024/v25i8563>

**Initial Steps in Resuscitation of Suspected Birth Asphyxia in the Context of Nursing and Midwifery: A Quantitative Study in Upper East Region of Ghana** Asian Journal of Medicine and Health Volume 22, Issue 6, Page 207-218, 2024; Article no.AJMAH.108721 ISSN: 2456-8414. May 2024. DOI: <https://doi.org/10.9734/ajmah/2024/v22i61038>

**Predictors of Poor Adherence to Antiretroviral Treatment among HIV Positive Patients at Tamale West Hospital, Ghana.** International STD Research & Reviews Volume 13, Issue 2, Page 21-32, 2024; Article no.ISRR.117336 ISSN: 2347-5196, NLM ID: 101666147. August 2024. DOI: <https://doi.org/10.9734/ISRR/2024/v13i2176>

**The Causes of Intraoperative Pain among Elective Caesarean Section Patients under Sub-Arachnoid Block at the Tamale Teaching Hospital** Archives of Current Research International Volume 24, Issue 6, Page 634-644, 2024; Article no.ACRI.117342 ISSN: 2454-7077. August 2024. DOI: <https://doi.org/10.9734/acri/2024/v24i6819>

**AN EDITED WORK (LOGBOOK)**

Tabiri, S., Helegbec. G., Mogre, V.,Simono Ch, Asirifi S.K.A, Kolbilla Z, D.,Munkaila A., Malechi A., Titigah B.A., Issahaku T.S., Shamrock L., Adu-Asare K., , et al (eds) (2023) Student's Logbook. Obstetrics and Gynaecology Department. (2<sup>nd</sup> ed). Tamale, Ghana: University for development studies.

*Dr. Samuel Kwame Amoako Asirifi*

**JOURNAL ARTICLE**

Alhassan Abdul-Mumin, Kingsley Appiah Bimpong †, Cesia Cotache-Condor, Jonathan Oppong,Ana Maria Simono Charadan, Adam Munkaila, Joao Vitor Perez de Souza, Emily R. Smith (2024). **Impact of the COVID-19 pandemic on perinatal care and outcomes: A retrospective study in a tertiary hospital in Northern Ghana.** <https://doi.org/10.1371/journal.pone.0301081>

- AMS Charadan, C Ansing, P Voigt... - APHA 2023 Annual ..., 2023. Developing a Formalized Ultrasound Training Program for the Women's Health Workforce of Northern Ghana: A Case Study
- Ahenkorah, B., ..Simono Ch, A.M., et al ( 2023) Evaluating circulating soluble markers of endothelial dysfunction and risk factors associated with PE: A multicentre longitudinal case control study in northern Ghana. Heliyon 9 e19096. <http://creativecommons.org/licenses/by-nc/nd/4.0/>
- Brtnicky T., Simono Ch, A.M., Koliba, P., Malecova, M., Dubova, O., Hubka, P., Zikan, M. (2023) Uterovesical fistula and its treatment in Sub-Saharan Africa.

## BOOK CHAPTER

- Ahenkorah, B., ..Simono Ch, A.M., et al ( 2023) Aetiology of Anaemia among Pregnant Women in Northern Ghana. Book Chapter. Novel Research aspects in Medicine and Medical Science. Vol.1 <https://bmchematol.biomedcentral.com/articles/10.1186/s12878-018-0121-4>

*Dr Ana Maria Simono Charadan.*

*Dr. David Zawumya Kolbila*

### *Publications;*

- Thomas W. Anabah<sup>1</sup>, Fidelis Bayor<sup>2</sup>, David Z. Kolbila<sup>3</sup>, Terence Kunfire Dakurah<sup>2</sup>, Sylvanus Kampo<sup>4\*</sup>, Juventus B. Ziem<sup>5</sup> Propofol with Varied Functions: A Potential Therapeutic Opportunity for Postoperative Nausea, Vomiting and Pruritus – A Narrative Review, Open Journal of Anesthesiology, 2024, 14, 13-24 <https://www.scirp.org/journal/ojanes> ISSN, Online: 2164-5558 ISSN Print: 2164-5531
- David Z. Kolbila<sup>1\*</sup>, Abdul-Razak Doat<sup>2</sup>, David S. Nigarim<sup>2</sup>, Wilfred Kwose<sup>2</sup>, Sylvanus Kampo<sup>3</sup> Effects of Maternal Death on Children Living in the Sagnarigu Municipality Open Journal of Obstetrics and Gynecology, 2024, 14, 334-347 <https://www.scirp.org/journal/ojog> ISSN Online: 2160-8806 ISSN Print: 2160-8792
- Sylvanus Kampo<sup>1\*</sup>, Natacha Raissa Doudou<sup>2</sup>, David Zawumya Kolbilla<sup>3</sup>, Thomas Winsum Anabah<sup>4</sup>; Scorpion Neurotoxin: An Analgesic Antitumor Peptide Down-Regulates VGSCs and Exhibits Local Anesthetic Potency during Sciatic Nerve Block; Journal of Current Toxicology and Venomics, 2024, 04, e280524230381 Received: January 16, 2024 Revised: March 13, 2024 Accepted: March 20, 2024 DOI: 10.2174/0126661217299525240407162148;
- Adwoa Nyarko<sup>1</sup>, Joshua A. Kunfah<sup>2</sup>, David Z. Kolbilla<sup>3\*</sup>, Collins Adombire Akayuure<sup>4</sup>, Jamilatu B. Kappiah<sup>4</sup>, Sylvanus Kampo<sup>5</sup> Prevalence and Demographic Distributions of Pre- Eclampsia among Pregnant Women at Ho Teaching Hospital; Open Journal of Obstetrics and Gynecology, 2024, 14, 621-636 <https://www.scirp.org/journal/ojog> ISSN Online: 2160-8806 ISSN Print: 2160-8792;
- Sylvanus Kampo <sup>1\*</sup>, David Zawumya Kolbila <sup>2</sup>, Aaron Bayor Babu <sup>3</sup>, Thomas Winsum Anabah <sup>4</sup>; Scorpion Peptide from Buthus martensii Karsch Venom with Dual Functions: Pharmaceutical Potential for Cancer Pain Therapy. A Narrative Review; Journal of Current Toxicology and Venomics, 2024, 4, e280524230381, Received: December 19, 2023 Revised: March 07, 2024 Accepted: March 13, 2024 DOI: 10.2174/0126661217299553240505162816

Samuel Kwame Amoako Asirifi Keren-Happuch Twumasiwaa Boateng <sup>c,d†</sup> and David Zawumya Kolbilla; Factors Influencing the Healthcare-Seeking Decisions of Diabetic Patients in Ghana, *Volume 25, Issue 8, Page 94-102, 2024; Article no.JOCAMR.117340 ISSN: 2456-6276*

Millicent Osaah, Francis Jojo Moses Kodzo Damalie, Vida Maame Kissiwaa Amoah Charles, Mawunyo Senaya, Herbert Ekoe Dankluvi, Beatrice Yaboah, Elikplim Adzo Damalie & David Zawumya Kolbilla; Fertility knowledge, childbearing intentions and attitudes towards social egg freezing: A study of female students of a private university in Kumasi, Ghana, published; 08 October 2024, volume 24, article number 553, (2024)

### AN EDITED WORK (LOGBOOK)

Tabiri, S., Helegbec. G., Mogre, V., Simono Ch, Asirifi S.K.A, Kolbilla Z, D., Munkaila A., Malechi A., Titigah B.A., Issahaku T.S., Shamrock L., Adu-Asare K., et al (eds) (2023) Student’s Logbook. Obstetrics and Gynaecology Department. (2<sup>nd</sup> ed). Tamale, Ghana: University for development studies.

### Department of Clinical Microbiology

| Name         | Qualification                                                             | Rank/Position       |
|--------------|---------------------------------------------------------------------------|---------------------|
| Karikari AB. | BSc. (UCC, Cape Coast, Gh), MSc., PhD (KNUST, Kumasi, Gh)                 | Senior Lecturer/HoD |
| Walana W     | BSc. (UCC, Cape Coast, Gh), MSc. (KNUST, Kumasi, Gh), PhD (Dalian, China) | Senior Lecturer     |
| Vicar EK     | BSc. (KNUST, Kumasi, Gh), MPhil (KNUST, Kumasi, Gh)                       | Lecturer            |
| Boakye AN    | BSc. (KNUST, Kumasi, Gh), MSc. (Ghana)                                    | Lecturer            |
| Akwetey SA.  | BSc. MPhil (UCC, Cape Coast, Gh.)                                         | Lecturer            |

### Publications

Walana W.

Ankrah, J. N. O., Gylbagr, F., Vicar, E. K., Frimpong, E. A. B., Alhassan, R. B., Baako, I. S., ... & **Walana, W.** (2024). T cells exhaustion, inflammatory and cellular activity markers in PBMCs predict treatment outcome in pulmonary tuberculosis patients. *Cytokine*, 182, 156708. <https://doi.org/10.1016/j.cyto.2024.156708>

Vicar EK, **Walana W.**, Fordjour RA, et al. The use of antibiotics during pregnancy: a cross-sectional study of knowledge, attitude, and practices among antenatal care attendees in Northern Ghana. *Health Sci Rep*. 2024;7:e2111. doi:10.1002/hsr2.2111

**Walana W.**, Al-Azab M., Yabasin, I.B., Abdul-Mumin, A. (2024). Childhood immunization in Ghana: Tracing the history and projecting the future. *Public Health Chall*. 2024;3:e176. <https://doi.org/10.1002/puh2.176>

Addai, Y. N., Acquah, S. E. K., Ganu, H. M., Vicar, E. K., Zeyeh, D. Karim, A. A., **Walana, W.**, Attipoe, I. M., Quaye, L. (2024). Extrapulmonary tuberculosis in Africa: Molecular analysis of clinical specimens of suspected cases in Northern Ghana. *Public Health Chall*. 3(1): e160. <https://doi.org/10.1002/puh2.160>

**Walana, W.**, Vicar E. K., Kuugbee E. D., Sakida F, Yabasin IB, Faakuu E, Amfoabegy S, Ziem JB. (2023). Antimicrobial resistance of clinical bacterial isolates according to the WHO's AWaRe and the ECDC-MDR classifications: The pattern in Ghana's Bono East Region. *Frontiers in Antibiotics*.;2:1291046. <https://doi.org/10.3389/frabi.2023.1291046>

- Walana, W.**, Vicar, E. K., Kuugbee, E. D., Dari, I., Bichenlib, G., Aneba, C. N., ... & Ziem, J. B. (2023). Transfusion transmissible infections among blood donors in Ghana: A 3-year multicentered health facility-based retrospective study. *Health Science Reports*, 6(11), e1681.
- Vicar, E. K., **Walana, W.**, Mbabila, A., Darko, G. K., Opare-Asamoah, K., Majeed, S. F., & Obeng-Bempong, M. (2023). Drivers of household antibiotic use in urban informal settlements in Northern Ghana: Implications for antimicrobial resistance control. *Health Science Reports*, 6(7), e1388.
- Vicar, E. K., Acquah, S. E., **Walana, W.**, Kuugbee, E. D., Osbutey, E. K., Aidoo, A., ... & Mensah, G. I. (2023). Urinary Tract Infection and Associated Factors among Pregnant Women Receiving Antenatal Care at a Primary Health Care Facility in the Northern Region of Ghana. *International Journal of Microbiology*, 2023.
- Kuugbee, E. D., Maaldu, G., Adamu, A., Salia, N., **Walana, W.**, Kampo, S., ... & Ziem, J. B. (2023). Seroprevalence and Risk Factors of Sexually Transmitted Blood-Borne Infections among Pregnant Women Attending Antenatal Care in Jirapa, Upper West Region of Ghana. *Canadian Journal of Infectious Diseases and Medical Microbiology*, 2023.
- Ziem, M. S., Saaka, F. A., Vicar, E. K., Kuugbee, E. D., Karikari, A. B., Ninimiya, S. Y., ... & **Walana, W.** (2023). Pregnancy and the risk of NICU admissions in Nandom Municipality of Ghana: A cross-sectional retrospective study. *Health Science Reports*, 6(1), e1070.

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- Addai, Y. N., Acquah, S. E. K., Ganu, H. M., **Vicar, E. K.**, Zeyeh, D., Karim, A. A., Williams, W., Attipoe, I. M., & Quaye, L. (2024). Extrapulmonary tuberculosis in Africa: Molecular analysis of clinical specimens of suspected cases in Northern Ghana. *Public Health Challenges*, 3(1), e160. doi:<https://doi.org/10.1002/puh2.160>.
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- Vicar, E. K.,** Walana, W., Mbabila, A., Darko, G. K., Opare-Asamoah, K., Majeed, S. F., & Obeng-Bempong, M. (2023). Drivers of household antibiotic use in urban informal settlements in Northern Ghana: Implications for antimicrobial resistance control. *Health science reports*, 6(7), e1388. doi:10.1002/hsr2.1388. PMICD:PMC10308355.
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- Walana, W., **Vicar, E. K.,** Kuugbee, E. D., Dari, I., Bichenlib, G., Aneba, C. N., Hinneh, K. N., Yabasin, I. B., Issaka, K. N., Danso, M. O., Amoatey, T. N., & Ziem, J. B. (2023). Transfusion transmissible infections among blood donors in Ghana: A 3-year multicentered health facility-based retrospective study. *Health science reports*, 6(11), e1681. doi:10.1002/hsr2.1681. PMICD:PMC10620378.
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### **Akwetey SA**

- Brah, A. S., Armah, F. A., Obuah, C., **Akwetey, S. A.,** & Adokoh, C. K. (2023). Toxicity and therapeutic applications of citrus essential oils (CEOs): A review. *International Journal of Food Properties*, 26(1), 301-326.
- Abdulai, R., **Akwetey, S. A.,** Ogunbode, O. O., & Aboagye, B. (2023). Consequences of Type-2 diabetes mellitus and Malaria co-morbidity on sperm parameters in men; a case-control study in a district hospital in the Ashanti Region of Ghana. *Plos one*, 18(9), e0286041.
- Mills, R. O., Dadzie, I., Le-Viet, T., Baker, D. J., Addy, H. P., **Akwetey, S. A.,** ... & Foster-Nyarko, E. (2024). Genomic diversity and antimicrobial resistance in clinical *Klebsiella pneumoniae* isolate from tertiary hospitals in Southern Ghana. *Journal of Antimicrobial Chemotherapy*, dkae123.

### **Department of Anaesthesiology and Intensive Care**

| <b>Name</b>       | <b>Qualification</b>                                                                                   | <b>Rank/Position</b>         |
|-------------------|--------------------------------------------------------------------------------------------------------|------------------------------|
| Issaka A.         | MD (Ankara University, TR), Cert. Thoracic Surgeon (Marmara University, Istanbul, TR), FGCS (GCPS, GH) | Senior Lecturer/ HoD         |
| Yabasin I. B.     | PhD Anaesthesiology (China), M. Phil Anaesthesiology (China), BSc. (UDS)                               | Senior Lecturer/ Hall Master |
| Bamaalobong P. P. | MSc. Medical Physics (UK), MSc. Chemical Engineering (Cuba)                                            | Lecturer                     |

## Publications

### Issaka Adamu

- Afriyie-Mensah, J. S., Dadzie, M. A., Vanderpuye, V. D. N. K., Calys-Tagoe, B., Gbadamosi, H., Akakpo, P. K., Entsua-Mensah, K., **Issaka, A.**, & Adjei, A. A. (2024). Lung Cancer in Ghana. *Journal of thoracic oncology*, 19(7), 966-972. <https://doi.org/10.1016/j.jtho.2024.03.018>
- NIHR Global Health Research Unit on Global Surgery, STARSurg Collaborative & **Issaka, A.** (2024). A prognostic model for use before elective surgery to estimate the risk of postoperative pulmonary complications (GSU-Pulmonary Score): a development and validation study in three international cohorts. *The Lancet Digital health*, 6(7), e507–e519. [https://doi.org/10.1016/S2589-7500\(24\)00065-7](https://doi.org/10.1016/S2589-7500(24)00065-7)
- Issaka, A.**, Yakubu, M., & Adjeso, T. J. K. (2024). Silicosis, persistent pneumothorax, and respiratory failure: Grim consequences of galamsey. *Health Sciences Investigations Journal*, 5(2), 744-746. <https://doi.org/10.46829/hsijournal.2024.6.5.2.744-746>
- NIHR Global Health Research Unit on Global Surgery & **Issaka, A.** (2024). Access to and quality of elective care: a prospective cohort study using hernia surgery as a tracer condition in 83 countries. *The Lancet Global health*, S2214-109X(24)00142-6. [https://doi.org/10.1016/S2214-109X\(24\)00142-6](https://doi.org/10.1016/S2214-109X(24)00142-6)
- Gyedu, A., **Issaka, A.**, Donkor, P., & Mock, C. (2024). Assessment and reassessment of injured patients at non-tertiary hospitals in Ghana: A stepped-wedge cluster randomized trial. *African Journal of Emergency Medicine*, 14(2), 122–127. <https://doi.org/10.1016/J.AFJEM.2024.05.001>
- Agoubi, L. L., **Issaka, A.**, Sulaiman, S., & Gyedu, A. (2024). Experiences of injured patients referred to higher levels of care after initial assessment and management at non-tertiary hospitals in Ghana. *African Journal of Emergency Medicine*, 14(2), 109–114. <https://doi.org/10.1016/J.AFJEM.2024.04.001>
- Issaka, A.**, Yabasin, I. B., Bamaalabong, P. P., Shiraj, M., Salia, O., Asare, G., Helegbe, G., Kuubiere, C., & Tabiri, S. (2023). Tracking the journey of BSc Nurse Anaesthesia graduates from the University for Development Studies in Tamale, Northern Ghana. *International Journal of Health and Medical Sciences*, 2023, 51-56.
- Gyedu, A., **Issaka, A.**, Appiah, A. B., Donkor, P., & Mock, C. (2023). Care of injured children compared to adults at district and regional hospitals in Ghana and the impact of a trauma intake form: A stepped-wedge cluster randomized trial. *Journal of pediatric surgery*, 59(6), 1210–1218. <https://doi.org/10.1016/j.jpedsurg.2023.12.001>

### **Yabasin Baba Iddrisu**

- Crews, C., Angwaawie, P., Abdul-Mumin, A., **Yabasin, I. B.**, Attivor, E., Dibato, J., & Coffee, M. P. (2024). Assessing ventilation through ambient carbon dioxide concentrations across multiple healthcare levels in Ghana. *PLOS global public health*, 4(8), e0003287. <https://doi.org/10.1371/journal.pgph.0003287>
- Asirifi, S. K. A., Keren-Happuch, T., & **Yabasin, I. B.** (2024). The causes of intraoperative pain among elective caesarean section patients under sub-arachnoid block at the Tamale Teaching Hospital. *Archives of Current Research International*, 24(6). pp. 634-644. ISSN 2454-7077
- Walana, W., Al-Azab, M., **Yabasin, I. B.**, & Abdul-Mumin, A. (2024). Childhood immunization in Ghana: tracing the history and projecting the future. *Public Health Challenges*, 3(2), e176. <https://doi.org/10.1002/puh2.176>

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- Issaka, A., **Yabasin, I. B.**, Bamaalabong, P. P., Shiraj, M., Salia, O., Asare, G., Helegbe, G., Kuubiere, C., & Tabiri, S. (2023). Tracking the journey of BSc Nurse Anaesthesia graduates from the University for Development Studies in Tamale, Northern Ghana. *International Journal of Health and Medical Sciences*, 2023, 51-56.

### **Bamaalabong P. Peter**

- Asiedu, N. Y., Bamaalabong, P. P., Johnson, J.E. et al. (2024). Modeling, simulations, and Simulink developments in the analysis of optimal control of temperature and pH in a batch ethanol fermentation process. *Journal of Engineering and Applied Science*. <https://doi.org/10.1186/s44147-024-00517-4>
- Naatu, F., Jibril, A., **Bamaalabong, P. P.** et al. (2024). Growing demand of herbal medicine in Sub-Sahara Africa: Evidence from the Ghanaian context. *International Journal of Entrepreneurship*, 28(S3), 1-24
- Akumanue, C., Malick, M. M. D., Balvant, N. R., **Bamaalabong, P. P.** et al. (2024). Knowledge of Ghana abortion laws and factors hindering access to safe abortion services by female students at the University for Development Studies (UDS). *Journal of Gynecology and Obstetrics*. Vol. 11, No. 3, 2023, pp. 56-60. doi: 10.11648/j.jgo.20231103.11
- Issaka, A., Yabasin, I. B., **Bamaalabong, P. P.**, Shiraj, M., Salia, O., Asare, G., Helegbe, G., Kuubiere, C., & Tabiri, S. (2023). Tracking the journey of BSc Nurse Anaesthesia graduates from the University for Development Studies in Tamale, Northern Ghana. *International Journal of Health and Medical Sciences*, 2023, 51-56.

## **SCHOOL OF ALLIED HEALTH SCIENCES**

### **Introduction**

The School of Allied Health Sciences (SAHS), formally known as the Department of Allied Health Sciences was carved out of the then School of Medicine and Health Sciences in the year 2015. In line with the University's mandate and its method of teaching, research and community work extension, the SAHS was established to run programmes focused on human development through the training of highly qualified health professionals who will provide the needed health services in deprived communities particularly to improve on quality of life. In line with its Philosophy and Vision, the SAHS provides an integrated approach to learning with the mission to develop health professionals who will play recognizable leading roles in building healthy communities. The core values that guide teaching, learning and research activities of SAHS are; Academic Services, Leadership, Discovery, Diversity and Engagement, Sustainability and Resourcefulness, Innovation, Efficiency and Effectiveness and Professionalism. SAHS expects that the adherence to these core values will produce graduates dedicated to health promotion and disease prevention in communities and population groups. Despite attending challenges within the local and global landscape, the SAHS is fulfilling its mandate, as evidenced by the visible presence of students in rural communities over the years.

### International Collaborations/ Linkages

- Signed MoU with Catholic University of Applied Sciences, North Rhine Westphalia (KatHO NRW) to harness their complementary resources and expertise to work together to develop and pursue cooperative activities considered to be of benefit to each party.
- UBCO Global Nursing Citizen's scholarship award for Graduate Students whose research area is in maternal and child health and community development (2 students from MChad awarded this year).
- Collaboration with the University of British Colombia (UBC), Okanagan for the past sixteen years. The trust of the collaboration is to enhance nursing education, capacity building and to offer exchange programmes.
- Signed MoU with the West African Postgraduate College of Medical Laboratory Science (WAPCMLS) to foster collaboration in training/research works of post-graduate students (MPhil and PhD) of either party.

### Departments under SAHS

- Department of Nutritional Sciences
- Department of Dietetics
- Department of Biomedical Laboratory Sciences
- Department of Medical Imaging
- Department of Haematology
- Department of Immunology and Immunodiagnostics
- Department of Histology & Histotechnology
- Department of Infectious Diseases

### SAHS Student Population by Programme and Gender

The School has a student population of Two Thousand Five Hundred and Thirty-One (2,531) during the 2023/2024 academic year, consisting of One Thousand Three Hundred and Sixty (1,360) males and One Thousand Seven Hundred and One (1,171) females.

The detailed student population is shown in the Table below.

| DEPARTMENTS                                         | MALE         | FEMALE       | TOTAL        |
|-----------------------------------------------------|--------------|--------------|--------------|
| <b>DEPARTMENT OF NUTRITIONAL SCIENCES</b>           |              |              |              |
| B.Sc. Community Nutrition                           | 138          | 531          | <b>669</b>   |
| BSc Dietetics                                       | 14           | 46           | <b>60</b>    |
| <b>DEPARTMENT OF BIOMEDICAL LABORATORY SCIENCES</b> |              |              |              |
| Doctor of Medical Laboratory Science                | 988          | 465          | <b>1,453</b> |
| <b>DEPARTMENT OF MEDICAL IMAGING</b>                |              |              |              |
| B.Sc. Medical Imaging Technology                    | 220          | 129          | <b>349</b>   |
| <b>GRAND TOTAL</b>                                  | <b>1,360</b> | <b>1,171</b> | <b>2,531</b> |

**Office of the Dean****Staff**

| <b>Name</b>   | <b>Qualification</b>                                                                    | <b>Rank / Position</b>               |
|---------------|-----------------------------------------------------------------------------------------|--------------------------------------|
| Garti, H.     | B.Sc., M.Sc. (KNUST, Kumasi, Gh), Ph.D. (Newcastle, Upon Tyne, UK)                      | Snr. Lecturer/Dean                   |
| Kubuga, C. K. | BSc. (UDS, Tamale, Gh), MSc. (Ghent, Belgium), PhD (Michigan, United States of America) | Snr. Lecturer/Vice-Dean              |
| Bawah, A. K.  | BA, M.A. (Ghana)                                                                        | Snr. Asst. Registrar/Faculty Officer |

**Department of Nutritional Sciences****Staff**

| <b>Name</b>      | <b>Qualification</b>                                                                      | <b>Rank/Position</b>                |
|------------------|-------------------------------------------------------------------------------------------|-------------------------------------|
| Wemakor, A.      | BSc (UDS, Tamale, Gh), MSc (Ghent, Belgium), PhD (Jordanstown, United Kingdom)            | Senior Lecturer/ Head of Department |
| Garti, H. K.     | BSc, MSc (KNUST, Kumasi, Gh), PhD (Newcastle Upon Tyne, United Kingdom)                   | Senior Lecturer/ Dean               |
| Kubuga, C. K.    | BSc (UDS, Tamale, Gh), MSc (Ghent, Belgium), PhD (Michigan, United States of America)     | Senior Lecturer/ Vice Dean          |
| Aryee, P. A.     | BSc, MPhil (Ghana), MMedSc (Sheffield, United Kingdom), PhD (Southampton, United Kingdom) | Associate Professor                 |
| Garti, H. A.     | BSc (UDS, Tamale, Gh), MSc (Southampton, United Kingdom)                                  | Lecturer                            |
| Kpewou, D. D. E. | BSc (UDS, Tamale, Gh), MPhil (KNUST, Kumasi, Gh)                                          | Lecturer                            |
| Awuni, V.        | BSc, MPhil (UDS, Tamale, Gh)                                                              | Lecturer                            |
| Adam, Y.         | BSc (UDS, Tamale, Gh), MPhil (Ghana)                                                      | Lecturer                            |

**Publications****DR. ANTHONY WEMAKOR**

- Wemakor, A.,** Bukari, M., & Atariba, R. (2023). Household food insecurity, low maternal social support and maternal common mental disorders in East Mamprusi Municipality, Ghana. *BMC Public Health*, 23(1), 1255.
- Wemakor, A.,** Mohammed, I. A., & Awuni, V. (2023). Determinants of household food insecurity and depression in mothers: evidence from Ghana. *Advances in Public Health*, 2023.
- Wemakor, A.,** Kpewou, D. E., & Wemah, K. (2023). Correlates of haemoglobin level in mothers of children under two years in Nanton district: A cross-sectional study from Ghana. *Heliyon*, 9(5).
- Wemakor, A.,** Kwaako, M., & Abdul-Rahman, A. (2023). Nutritional, health and socio-demographic determinants of anaemia in adolescent girls in Kumbungu District, Ghana. *BMC nutrition*, 9(1), 90.
- Azupogo, F., Saeed, N., **Wemakor, A.,** Addae, H. Y., Boah, M., & Brouwer, I. D. (2023). Moderate-to-severe household food insecurity is associated with depression among adolescent girls in northern Ghana: a cross-sectional analysis. *BMJ Nutrition, Prevention & Health*, e000523.
- Garti, H., Bukari, M., & **Wemakor, A.** (2023). Early initiation of breastfeeding, bottle feeding, and experiencing feeding challenges are associated with malnutrition. *Food Science & Nutrition*, 5129–5136.

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#### DR. HUMPHREY GARTI

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#### DR. CLEMENT KUBUGA

**Kubuga, C. K.**, & Sienso, G. (2024). Integrated Community-Based Nutrition Interventions Improve Diet Quality, Food, and Credit Access among Rural Women in Northern Ghana. *Advances in Public Health*, 2024(1), 2543770.

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**Kubuga, C. K.**, Amoako, M., & Nyimagnun, F. K. W. (2023). Impact of COVID-19 Pandemic on Food Intake, Dietary Behavior, Mental Health, and Academic Performance of a Ghanaian University Students. *Advances in Public Health*, 2023.

#### MR. DANIEL DAMIEN EDEM KPEWOU

Amenya, P. C. A., Annan, R. A., Apprey, C., **Kpewou, D. E.**, & Annor, I. A. (2024). The effectiveness of egg supplementation on nutritional status, physical fitness and cognition of school-aged children (8–12 Years) in Ho Municipality, Ghana. *Human Nutrition & Metabolism*, 35, 200246.

### Department of Biomedical Laboratory Sciences

#### Staff

| Name       | Qualification                                                                    | Rank/Position      |
|------------|----------------------------------------------------------------------------------|--------------------|
| Yussif, A. | B.Sc., (UDS, Tamale, Gh) M.Phil (UG, Accra, Gh), PhD., (UDS, Tamale, Gh)         | Lecturer/HoD       |
| Abu, A. R. | BSc., (KNUST, Kumasi, Gh), MLS.D (UDS, Tamale, Gh), M.Phil., (KNUST, Kumasi, Gh) | Assistant Lecturer |

#### Publications

##### Dr. Yussif Adams.

Nchor, I. A. A., Amidu, N., **Yussif, A.**, Dapare, P. P. M., & Akilla, M. A. (2024). Relationship between Iron Saturation Indices and Psychiatric Disorders among Persons Seeking Care at Selected Psychiatry Health Facilities in Ghana. *International Neuropsychiatric Disease Journal*, 21(2), 54-67. <https://doi.org/10.9734/indj/2024/v21i2426>

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- Bannison Bani, S., Anachem, R., Banyeh, M., Dapare, P. M., **Adams, Y.,** Nkansah, C., Osumanu, H. (2023). Study on Semen Quality among Men Seeking Infertility Treatment in Tamale, Ghana. *Asian Journal of Research and Reports in Urology*, 6(1), 27-36.
- Bani S.B., Quaye L., Dapare P.P.M., **Adams Y.,** Banyeh M., Gandau B.B., Nkansah C., Mensah K., Appiah S.K. and Boakye K. (2022) Assessing Haemoglobin Concentration and Red Cell Morphology in Stored Blood Units. *International Journal of Research and Reports in Hematology* 5(2), 248-257. <http://sciencerepository.uk/id/eprint/769>
- Bannison Bani S., Danquah K.O., Quaye L., Dapare P.P.M., **Adams Y.,** Banyeh M., Gandau B.B., Nkansah C., Mensah K. and Kwasi Appiah S. (2022) Effect of Tobacco Smoking on Fertility Regulating Hormones in Men. *Asian Journal of Research and Reports in Endocrinology* 5(2), 166-173. <http://oalibrarypress.uk/id/eprint/627>
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- Adams Y.,** Bugah R.K. and Dapare P.P.M. (2022) Clinical significance of body temperature in SARS-COV-2 positivity: A prospective study among travelers. *Annals of Medical Laboratory Science* 2(2), 45-54. <https://doi.org/10.51374/annalsmls.2022.2.2.0064>
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#### **Dr. Abu Abudu Rahamani**

- Debrah, L. B., Gyasi, C., Ahiadorme, M., **Rahamani, A. A.,** Opoku, V. S., Obeng, P., Debrah, A. Y. (2024). Association of haemato-biochemical indices and blood composite ratios with microfilaridermia in Onchocerciasis patients. *BMC Infectious Diseases*, 24(1), 384. <https://doi.org/10.1186/s12879-024-09278-0>
- Rahamani, A. A.,** Horn, S., Ritter, M., Feichtner, A., Osei-Mensah, J., Serwaa Opoku, V., Mhidze, J. (2023). Stage-Dependent Increase of Systemic Immune Activation and CCR5+ CD4+ T Cells in Filarial Driven Lymphedema in Ghana and Tanzania. *Pathogens*, 12(6), 809. <https://doi.org/10.3390/pathogens12060809>

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- Mensah, D. A., Debrah, L. B., Boateng, J., Ahiadorme, M., Osei-Mensah, J., Opoku, V. S., **Rahamani, A. A.** (2022). Occurrence of Onchocerciasis infection after decades of mass drug administration in the Western North Region of Ghana: The case of Sefwi Akontombra district. <https://doi.org/10.21203/rs.3.rs-1925871/v2>

## Department of Medical Imaging

### Staff

| Name                | Qualification                                                                                  | Rank/Position              |
|---------------------|------------------------------------------------------------------------------------------------|----------------------------|
| Mumuni, A. N.       | B.Sc. (UDS, Tamale, Gh), M.Sc. (University of Aberdeen, UK), Ph.D. (University of Glasgow, UK) | Snr. Lecturer/HoD          |
| Alhassan, I. Z.     | B.Sc. (UDS, Tamale, Gh), M.Sc. (KNUST, Kumasi, Gh),                                            | Lecturer/Sch. Exam Officer |
| Manson, E. N.       | B.Sc. (UDS, Tamale, Gh), M.Phil. (University of Ghana)                                         | Lecturer                   |
| Barima, T.          | B.Sc. (University of Ghana), M.Sc. (University of Ghana)                                       | Lecturer                   |
| Abubakari, I. O. M. | B.Sc. (University of Ghana), M.Phil. (University of Ghana)                                     | Lecturer                   |
| Sulemana, H.        | B.Sc. (UDS, Tamale, Gh), M.Phil. (University of Ghana)                                         | Lecturer                   |

### Publications

#### Mumuni, A. N.

- Mumuni, A. N.**, Karim, A. R., Donkor A. N., Yakubu, A. K., Frimpong, A. O., Sarpong, K., Gabriel, A., & Sulemana, H. (2024). Magnetic Resonance Angiography reveals Intracranial Berry Aneurysm in a Clinically Asymptomatic Patient: A Case Report on a 58-year-old Ghanaian Woman. *Ghana Journal of Science, Technology and Development*, 10(1), 110-115.
- Mumuni, A. N.** (2024). Magnetic Resonance Spectroscopy Thermometry: A Paradigm for Monitoring Core Brain Temperature Response in Functional Spectroscopy Studies. *EC Psychology and Psychiatry*, 13(2), 1-5.
- Mumuni, A. N.** (2024). Protein Concentration and Relaxation Properties Inferred from Quantified Quadrupole Peaks Measured by Relaxometry. *EC Proteomics and Bioinformatics*, 3(1), 1-14.
- Mumuni, A. N.**, Eyre, K., Montalba, C., Harrison, A., Maharjan, S., Botwe, F., Garcia, M. F., Zeraii, A., Friedrich, M. G., Abiodun, F., Ntusi, N., Lim, T., Garg, R., Umair, M., Naniwolo, H., Adeleke, S., Anosike, C., Dako, F., Anazodo, U. C. (2024). Scan With Me (SWiM): A Train-the-Trainer Program to Upskill MRI Personnel in Low- and Middle- Income Countries. *Journal of the American College of Radiology*, 21: 1222-1234.
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- Mumuni, A. N.**, Salifu, M. M., & Abubakari, M. N. (2023). Brain Temperature Measurement by Magnetic Resonance Spectroscopy Thermometry using Regression Analysis. *Medical Physics International Journal*, 11(2), 311-315.
- Mumuni, A. N.** (2023). Medical Physics and Radiography Training Model tailored for Resource Limited Settings. *Medical Physics International Journal*, 11(2), 292-296.
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## Department of Dietetics

### Staff

| Name            | Qualification                                                              | Rank/Position                                |
|-----------------|----------------------------------------------------------------------------|----------------------------------------------|
| Wiafe, M. A.    | BSc (UDS, Tamale, Gh), MSc (KNUST, Kumasi, Gh), PhD (KNUST, Kumasi, Ghana) | Lecturer/Head of Department                  |
| Suara, S. B.    | BSc (UDS, Tamale, Gh), MSc (UDS, Tamale, Gh), PhD (Tehran, Iran)           | Lecturer/Postgraduate Programmes Coordinator |
| Abu, N.         | BSc (UCC, Cape Coast, Gh), MSc (Ghana)                                     | Lecturer/ Senior Hall Tutor                  |
| Atosona, A.     | BSc (UDS, Tamale, Gh), MPhil (KNUST, Kumasi, Gh)                           | Lecturer                                     |
| Kalog, G. L. S. | BSc (UDS, Tamale, Gh), MPhil (KNUST, Kumasi, Gh)                           | Lecturer                                     |
| Hashim, A. M.   | BSc (UDS, Tamale, Gh), MPhil (KNUST, Kumasi, Gh)                           | Lecturer                                     |
| Gaa, P. K.      | BSc (UDS, Tamale, Gh), MPhil (KNUST, Kumasi, Gh)                           | Lecturer                                     |
| Ziyaaba, A.     | BSc (UDS, Tamale, Gh), MSc (Ghana)                                         | Lecturer                                     |

### Publications

#### DR MICHAEL AKENTENG WIAFE

- Wiafe, M. A., Yeboah, G. B., Gyamerah, E., Konlaa, H. D., Ibrahim, I., & Benewaa, A. (2024).** Knowledge, prevalence and factors associated with anaemia among women of reproductive age in Tamale Metropolis, Ghana: A cross-sectional study. *Women's Health*, 20, 17455057241263826.
- Adissoda, C. M., Morou, K., Edjrokinto, H., Padonou, G. S., Mahounou, J. R., Flenon, A., **Wiafe, M. A.**, & Aglago, E. K. (2024). Participatory cooking demonstrations for mothers improve feeding practices of young children in southern Benin. *The North African Journal of Food and Nutrition Research*, 8(17), 149-158.

#### MR AMBROSE ATOSONA

- Atosona, A., Yiadom, L.B., Alhassan, B., Gaa, P.K., & Kalog, G.L.S. (2024).** Dietary compliance and its determinants among type 2 diabetes patients in Tamale Metropolis, Ghana. *Journal of Health, Population and Nutrition*, 43(88), 1-9.
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Addae, H.Y., Sulemana, M., Yakubu,T., **Atosona, A.**, Tahiru, F. & Azupogo, F. (2024). Low birth weight, household socio-economic status, water and sanitation are associated with stunting and wasting among children aged 6–23 months: Results from a national survey in Ghana. *PLOSEONE*,1-19.

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#### MR GABRIEL LIBIENUO SOWLEY KALOG

Atosona A., Yiadom L. B., Alhassan B., Kelli H., Gaa P. K. and **Kalog G.L.S.** (2024). Dietary compliance and its determinants among type 2 diabetes patients in Tamale Metropolis, Ghana. *Journal of Health, Population and Nutrition*. Vol. 43. No. 88.

#### MS PATIENCE KANYIRI GAA

Atosona, A., Yiadom, L. B., Alhassan, B., Kelli, H., Gaa, P. K., & Kalog, G. L. S. (2024). Dietary compliance and its determinants among type 2 diabetes patients in Tamale Metropolis, Ghana. *Journal of health, population, and nutrition*, 43(1), 88. <https://doi.org/10.1186/s41043-024-00588-2>

Mogre, V., Sefogah, P. E., Adetunji, A. W., Olalekan, O. O., **Gaa, P. K.**, Ayettey Anie, H. N., & Tayo, B. (2024). A school-based food and nutrition education intervention increases nutrition-related knowledge and fruit consumption among primary school children in northern Ghana. *BMC Public Health*, 24(1), 1739.

Seidu, H., **Gaa, P. K.**, & Mogre, V. (2024). Adherence to Iron and Folic Acid Supplementation Among Pregnant Women from Northern Ghana. *Nutrition and Metabolic Insights*, 17, 11786388231218664.

### Department of Histology and Histotechnology

#### Staff

| Name         | Qualification                                         | Rank/Position |
|--------------|-------------------------------------------------------|---------------|
| Nafiu, A.    | PhD., (KNUST, Kumasi, Gh), BSc., (KNUST, Kumasi, Gh), | Professor/HoD |
| Dinah, O. N. | M.Phil., (UG, Accra, Gh) BSc., (UG, Accra, Gh)        | Lecturer      |
| Rafiq, A.    | M.Phil., (UG, Accra, Gh) BSc., (UG, Accra, Gh),       | Lecturer      |

#### Publications

##### Prof. Nafiu Amidu

Nchor, I. A. **A.**, **Amidu, N.**, Yussif, A., Dapare, P. P. M., & Akilla, M. A. (2024). Relationship between Iron Saturation Indices and Psychiatric Disorders among Persons Seeking Care at Selected Psychiatry Health Facilities in Ghana. *International Neuropsychiatric Disease Journal*, 21(2), 54-67. <https://doi.org/10.9734/indj/2024/v21i2426>

Akilla, M. A., Nchor Awiniuno, I. A., Banyeh, M., Mayeem, B. N., Kwofie, G. S., Adoko, S., . . . **Amidu, N.** (2024). Investigating hemolysis, elevated liver enzymes and low platelet count in preeclampsia: A case-control study in Ghana. *Health Science Reports*, 7(8), e2277. <https://doi.org/10.1002/hsr2.2277>

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- Banyeh, M., Kangkpi, T., Bani, S. B., Zogli, K. E., Tanko, M. M., Atuahene, P. E., . . . **Amidu, N.** (2023). Are sex differences in blood cell count and hemoglobin moderated by the 2D: 4D ratio? A cross-sectional study in a Ghanaian population. *Health Science Reports*, 6(9), e1547.
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- Banyeh, M., Appiah, S. K., Abubakari, A. M., Issah, M., & **Amidu, N.** (2023). Sex-moderated relationship between the 2D: 4D ratio and circulating hormones in an adult Ghanaian population. *Physiological Reports*, 11(2), e15578.
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### Rafiq Abdulai

- Abdulai, A.-R.**, Banyeh, M., & Osabutey, E. K. (2024). Is sexual dimorphism in morphometric variables of the proximal femur moderated by age in adulthood? A cross-sectional study in Ghana. *Canadian Society of Forensic Science Journal*, 1-14.
- Banyeh, M., **Abdulai, A.-R.**, Annan, E. K., Mensah, E. K., Nkansah, C., Nathan, J. A., . . . Achumboro, P. A. (2024). Assessing the reliability and accuracy of sex estimation models utilizing sternal morphometry derived from computed tomography in the Ghanaian population. *Forensic Science International: Reports*, 9, 100368.
- Banyeh, M., Nyewie, M., **Abdulai, A.-R.**, Nkansah, C., Abbam, G., Kangkpi, T., . . . Tanko, M. M. (2024). Association between the ABO Type, Rh Factor and the 2D: 4D Ratio: A Cross-Sectional Study in Ghana. *Asian Hematology Research Journal*, 7(3), 115-125.
- Banyeh, M., Bawa, E. M., Kangkpi, T., Bani, S. B., Zogli, K. E., **Abdulai, A.-R.**, . . . Bugapeh, C. W. (2023). The 2D: 4D Ratio and Sex Difference in Circulating Liver Enzymes in Adulthood: A Cross-sectional Study in Ghana. *Asian Journal of Research and Reports in Hepatology*, 5(1), 34-50.
- Abdulai A.-R.**, Banyeh M. and Adams Y. (2022) Models for estimating age and sex from variables of the proximal femur in a Ghanaian population. *Forensic Science International: Reports* 5100270. <https://doi.org/10.1016/j.fsir.2022.100270>

## Department of Infectious Diseases

### Staff

| Name               | Qualification                                                             | Rank/Position     |
|--------------------|---------------------------------------------------------------------------|-------------------|
| Acquah, S. E. K    | B.Sc., MPhil. Ph.D. (KNUST, Kumasi, Gh)                                   | Snr. Lecturer/HoD |
| Mensah Attipoe, I. | BE. (All Nations University, Koforidua (Gh),<br>M.Phil (UG, Legon, Ghana) | Lecturer          |
| Kangkpi, T.        | B.Sc., MPhil (KNUST, Kumasi, Gh)                                          | Lecturer          |
| Osumanu A. H.      | B.Sc., (Ghana), MPhil (Univ. of Western<br>Australia, Perth,)             | Lecturer          |

### Publications

#### Acquah, S.E.K

- Opare-Asamoah, K., Vicar, E. K., **Acquah, S. E.**, Quaye, L., Alhassan, A. M., Majeed, S. F., ... & Mensah, K. B. (2023). Bacteriological Profile and Antibiotic Susceptibility Patterns of Sepsis-Causing Bacteria at the Neonatal Intensive Care Unit of a Tertiary Health Care Facility in Ghana. *Microbiology Insights*, 16, 11786361231218169.
- Opare-Asamoah, K., **Acquah, S. E.**, Vicar, E. K., Quaye, L., Alhassan, A. M., Majeed, S. F., ... & Yankson, S. (2023). Predictors of the onset of neonatal sepsis at the Neonatal Intensive Care Unit of a tertiary hospital in Ghana: A cross-sectional study. *Health Science Reports*, 6(11), e1673
- Addai, Y. N., **Acquah, S. E.**, Ganu, H. M., Vicar, E. K., Zeyeh, D., Karim, A. A., ... & Quaye, L. (2024). Extrapulmonary tuberculosis in Africa: Molecular analysis of clinical specimens of suspected cases in Northern Ghana. *Public Health Challenges*, 3(1), e160

#### Mensah Attipoe I

- Kwashie, S. D. Y., Mensah, B. T., **Attipoe, I.**, Akorly, E., Degenu, V. A., Kupeh, E. K., Danyi, D., Osei-Owusu, W., & Dzokoto, M. K. (2024). Prevalence, resistant pattern and associated risk factors of asymptomatic bacteriuria among antenatal clients in a municipal hospital in Ghana. *International Journal Of Community Medicine And Public Health*, 11(7), 2614–2623.
- Asumang P, Amoakohene F, Amponsah C, Kwasi F kumah, E. Osisiogu U, **M. Attipoe I** (2024) Prevalence and Phenotypic Characterization of Antibiotic-resistant Enterococcus Species Isolated from Chicken Faecal Samples in Accra, Ghana. *Ethiopian Journal of Health Sciences*, Vol. 34 No. 4 pp 2413-7170.
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- Nchor, I. A. A., Amidu, N., Yussif, A., **Dapare, P. P. M.**, & Akilla, M. A. (2024). Relationship between Iron Saturation Indices and Psychiatric Disorders among Persons Seeking Care at Selected Psychiatry Health Facilities in Ghana. *International Neuropsychiatric Disease Journal*, 21(2), 54-67.
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**Publications****Dr. Moses Banyeh**

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#### Mr. Gabriel Abbam

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### Kofi Mensah

- Richard Vikpebah Duneeh, Wina Ivy Ofori Boadu, Lois Tekutey Narh, Joseph Frimpong, Abdul-Wahab Mawuko, John Gameli Deku, **Kofi Mensah**, Charles Nkansah, Samuel Kwasi Appiah, Felix Osei Boakye, Enoch Odame Anto, Lilian Antwi Boateng, Benedict Sackey & Otchere Addai-Mensah (2024) *Anaemia during pregnancy: a cross-sectional study of antenatal attendants at the Madina Pentecost Hospital, La Nkwantanang Municipality, Ghana*, Cogent Public Health, 11:1, 2353776, DOI: 10.1080/27707571.2024.2353776
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## SCHOOL OF NURSING AND MIDWIFERY

### Introduction

This report covers the period 1<sup>st</sup> September, 2022 to 31<sup>st</sup> July, 2023. The School of Nursing and Midwifery (SoNM) was established in October 2020 following the restructuring of Faculties and Schools of the University. The School was carved out from the School of Allied Health Sciences. The School has the mandate to train mainstream nursing and midwifery professionals to provide health services and improve the wellbeing of deprived rural dwellers in particular and the rest of the country at large.

### Departments Under the SoNM

The School currently has **six (6) academic departments** namely:

1. Department of General Nursing
2. Department of Midwifery and Women’s Health
3. Department of Paediatric Nursing
4. Department of Advanced Nursing Practice
5. Department of Preventive Health Nursing
6. Department of Mental Health Nursing

### Student Population

The School has a student population of 4,387 for the 2024/2025 academic year which are made of 1,165 males and 3,091 females.

### Student Population by Gender

| Programmes                | No. of Males | No. of Females | Total       |
|---------------------------|--------------|----------------|-------------|
| BSc Nursing               | 1019         | 1456           | 2596        |
| BSc Midwifery             | 21           | 1499           | 1530        |
| BSc Nurse Practitioner    | 64           | 6              | 70          |
| BSc Public Health Nursing | 35           | 101            | 136         |
| BSc. Paediatric Nursing   | 14           | 25             | 39          |
| Mphil. Nursing            | 12           | 4              | 16          |
| <b>Total</b>              | <b>1165</b>  | <b>3091</b>    | <b>4387</b> |

### Office of the Dean

#### Staff

| Name                   | Qualification                                                                                                                                                                                                   | Rank/Position                                    |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| <i>Yakong, V. N.</i>   | <i>RN (NTC, Bolgatanga, Gh), Dip. NP. (UDS, Tamale, Gh), BSN, MSN/Ph.D. (UBC, Okanagan, Canada)</i>                                                                                                             | <i>Senior Lecturer/Dean</i>                      |
| <i>Nukpezah, R. N.</i> | <i>RN (NMTC, Tamale, Gh), Dip Nursing (UG, Legon, Gh), B.Sc. (UDS, Tamale, Gh), MHPE (Maastricht/Suez, Netherlands/Egypt), MN (UCC, Cape Coast, Gh), PG Pead. (PXL University, Belgium), Ph.D. (TUMS, Iran)</i> | <i>Senior Lecturer/Vice Dean</i>                 |
| <i>Tahiru, R.</i>      | <i>BA (UG, Legon, Gh) MA (Brock University, Canada), PhD (UG, Ghana)</i>                                                                                                                                        | <i>Senior Assistant Registrar/School Officer</i> |
| <i>Adjorlolo, G.</i>   | <i>B.Sc. (UDS, Tamale, Gh), MPM. (UESTC, China)</i>                                                                                                                                                             | <i>Assistant Registrar</i>                       |

There are also eight (8) Senior Staff (Administration) in the School.

## Department of General Nursing

### Staff

| Name                   | Qualification                                                                                       | Rank/Position                    |
|------------------------|-----------------------------------------------------------------------------------------------------|----------------------------------|
| <i>Nachinab, G. T.</i> | <i>RGN (NTC, Bawku), BSc. (UCC), MPhil (Ghana), PhD (South Africa)</i>                              | <i>Lecturer/HoD</i>              |
| <i>*Lakpab, J.</i>     | <i>RN (NTC, Bolgatanga, Gh), B.Sc. (UDS, Tamale, Gh), M.Phil. (Ghana)</i>                           | <i>Lecturer</i>                  |
| <i>Adugbire, B. A.</i> | <i>RN (NTC, Bolgatanga, Gh), B.Sc. (UCC, Cape Coast, Gh), M.Phil. (Ghana), Ph.D. (South Africa)</i> | <i>Lecturer</i>                  |
| <i>*Adam, A. B</i>     | <i>RN (MNTC, Tamale, Gh), B.Sc. (UDS, Tamale, Gh), MN (UCC, Cape Coast, Gh)</i>                     | <i>Lecturer</i>                  |
| <i>Laari, C. K.</i>    | <i>RN (PNTC, Bawku, Gh), B.Sc. (Central Univ. Accra, Gh) M.Phil. (Ghana)</i>                        | <i>Lecturer</i>                  |
| <i>Anaba. C. Y.</i>    | <i>B.Sc. (UDS, Tamale, Gh)</i>                                                                      | <i>Senior Research Assistant</i> |
| <i>Jia, P. A.</i>      | <i>B.Sc. (UDS, Tamale, Gh)</i>                                                                      | <i>Senior Research Assistant</i> |

\* Staff on study leave

### Programmes

- BSc. Nursing (Regular, Matured, Top-Up, Access Upgrade and Sandwich)

### Publications

#### Nachinab, G. T

- Abdulai, F. **Nachinab, G. T.**, Abdulai, A., & Asumah, M. N. (2024). Parental Involvement in the Care of Hospitalized Children: A Qualitative Study in the Tamale Metropolis. <https://doi.org/10.1177/0974150X241284740>
- Laari, C. K., Lui, M., & **Nachinab, G. T.** (2024). Mothers’ knowledge and practice of infection prevention at Ridge Hospital , Ghana. *Afr J Midwifery Womens Health.*, 1–9. <https://doi.org/https://doi.org/10.12968/ajmw.2023.0014>
- Nachinab, G. T.** & Armstrong, S. J. (2024). The Development of a framework for Clinical Education Programme of Undergraduate Nursing Students in Ghana. *BMC Nursing*, 1–13. <https://www.researchsquare.com/article/rs-3329191/latest>
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- Nabyonga-Orem, J., Christmals CD, Addai KF., Mwinga K, Aidam K., **Nachinab, G. T.**, Namuli S., and. Asamani JA.(2023). The State and Significant Drivers of Health Systems Efficiency in Africa: A Systematic Review and Meta-Analysis. *Journal of Global Health*. 2023 (13) 2023; (13): 04131. doi:10.7189/jogh.13.04131

**Adugbire, B.A.,**

**Adugbire, B.A.,** Jordan, P.J. & Cornelle, Y. (2024). Nurses’ views of patient- and family-centered care and its practices in peri-operative contexts in hospitals in Northern Ghana. *BMC Nurs* 23, 97. <https://doi.org/10.1186/s12912-024-01747-w>

Amoah W.W., Kobi, D., Tabong, P., T., Kukeba, M., W, Alhassan, Y., Achaliwie, F., Amoah, A. & **Adugbire, A., B.** (2024). Factors Contributing to Malnutrition among Children Under 5 Years at St. Elizabeth Catholic Hospital, Ahafo Hwidiem. *Clin Med Insights Pediatr.* 2024 Jan 18; 18:11795565231222716. doi: 10.1177/11795565231222716. PMID: 38250010; PMCID: PMC10798117.

**Cletus Laari**

Agyei, F. B., Bayuo, J., Baffour, P. K., & **Laari, C.** (2021). “Surviving to thriving”: a meta-ethnography of the experiences of healthcare staff caring for persons with COVID-19. *BMC Health Services Research*, 21, 1-14.

**Cletus, K. L.,** Mavis, L., & Gilbert, N. T. E. (2024). Mothers' knowledge and practice of infection prevention at Ridge Hospital, Ghana. *African Journal of Midwifery and Women's Health*, 18(1), 1-9.

Amadu, P. M., Hoedoafia, R. E., Dassah, G., **Cletus, L. K.,** Kpebu, S. E. A., Aarah-Bapuah, M., & Abem, V. K. (2024). The Prevalence of Depression, Anxiety, and Stress Among Undergraduate Nursing Students in the University for Development Studies, Tamale. *Fortune Journal of Health Sciences*, 7(2), 178-191.

**Laari, C. K.,** Sapak, J., Wumbei, D., & Salifu, I. (2024). Migration intentions among nursing students in a low-middle-income country. *BMC nursing*, 23(1), 1-8.

**Mr. Alhassan Bassour**

Alhassan, A., Fuseini, A., Osman, W., & Adam, A. B. (2019). Knowledge and Experience of Neonatal Resuscitation among Midwives in Tamale. *Nursing Research and Practice*.

Adam, A. B., Druye, A. A., Kumi-Kyereme, A., Alhassan, A., Osman, W. (2020). Nursing and Midwifery Students' Satisfaction with their Clinical Rotation Experience: The Role of Clinical Learning Environment in Tamale. *Hindawi Nursing Research and practice*.

**Department of Midwifery and Women’s Health****Staff**

| <b>Name</b>       | <b>Qualification</b>                                                                                 | <b>Rank/Position</b>    |
|-------------------|------------------------------------------------------------------------------------------------------|-------------------------|
| Salifu, D. A.     | B.Sc. (UCC, Cape Coast, Gh), MN (UCC, Cape Coast, Gh),<br>Ph.D. (North West University-South Africa) | Lecturer/Ag.HoD         |
| *Awal, I.         | B.Sc (UDS, Tamale, Gh), M.Phil. (Ghana)                                                              | Lecturer                |
| *Boateng, K-H. T. | B.Sc (UDS, Tamale, Gh), MGCNM (Accra, Gh)                                                            | Lecturer                |
| *Afaya, R. A.     | B.Sc. (UDS, Tamale, Gh), M.Phil. (KNUST, Kumasi, Gh)                                                 | Lecturer                |
| *Yakubu, H. N.    | B.Sc. (UDS, Tamale, Gh), M.Phil. (Ghana)                                                             | Lecturer                |
| *Wuffele, G. M.   | B.Sc. (UDS, Tamale, Gh), M.Phil. (Ghana), FGCNM                                                      | Lecturer                |
| *Kumoji A. H      | B.Ed. (UCC, Cape coast, Gh), M.Sc. (UDS, Tamale, Gh)                                                 | Lecturer                |
| Chanayireh, L.    | B.Sc. (UDS, Tamale, Gh) Mphil-(Ghana)                                                                | Lecturer                |
| *Asakiya, B.      | B.Sc. (UDS, Tamale, Gh)                                                                              | Snr. Research Assistant |

\* Staff on study leave

**Programme(s)**

- BSc. Midwifery (Regular, Access Upgrade, Sandwich, Matured, & Top-Up)

**Publications****Salifu, D. A.**

Salifu, M. A., **Salifu, D. A.**, & Gross, J. (2024). Registered general nurses' health assessment practices in a tertiary hospital: A focused ethnography study. *Nursing Open*, 11, e2237. <https://doi.org/10.1002/nop2.223>

**Salifu, D. A.**, Yolande H., Christmal D., C. (2022). A Simulation-Based Clinical Nursing Education Framework for a Low-Resource Setting: A Multimethod Study. *Healthcare*. Vol.10 No.9 1639; <https://doi.org/10.3390/healthcare10091639>

**Salifu D. A.** Christmal D., C., Gerda, M., R.,(2022). Frameworks for the design, implementation, and evaluation of simulation-based nursing education: A scoping review. *Nursing & Health Sciences* <https://doi.org/10.1111/nhs.12955>

**Salifu, D. A.** Heymans, Y., & Christmals, C., D. (2022). Facilitating the Development of Clinical Competence in a Low-Resource Setting: Perceptions and Challenges of Nurse Educators. *Nurse Media Journal of Nursing*, Vol 12, No.1 pp42-60. <https://doi.org/10.14710/nmjn.v12i1.43995>

**Salifu, D. A.**, Heymans, Y. & Christmals, C., D. (2022). Teaching and Learning of Clinical Competence in Ghana: Experiences of Students and Post-Registration Nurses. *Healthcare* Vol.10 No.3 538; <https://doi.org/10.3390/healthcare10030538>

**Yakubu, H. N;**

Yakubu, N., D; Hawa, M; Yakong, V; Abem, VK, **Yakubu, H. N;** Vivian A, (2023). Investigating Knowledge level, attitude, perceptions and other factors influencing exclusive breastfeeding practices. *International Journal Nursing Healthcare Research* 6, 1427. DOI: 10.29011/2688-9501.101427

**Awal I.**

Issah, H., Salifu, A & **Awal I.**, (2022). Knowledge of contraceptives, Knowledge of types and Identified Challenges to contraceptives use among undergraduate nursing students in the university for Development Studies. *Open Access Library Journal*, Vol 9. e8530. <https://doi.org/10.4236/oalib.1108530>

**Department of Paediatric Nursing****Staff**

| <b>Name</b>     | <b>Qualification</b>                                        | <b>Rank/Position</b>          |
|-----------------|-------------------------------------------------------------|-------------------------------|
| Afoko V.        | B.A., MSc., (Legon, Gh). Ph.D. (Birmingham, UK)             | Lecturer/ Ag.HoD              |
| Alem, J. N      | B.Sc., (UDS, Tamale Gh), M.Phil. (Legon, Accra. Gh)         | Lecturer                      |
| Suglo, S        | B.Sc., (UDS, Tamale, Gh) M.Phil. (University of Cape Coast) | Lecturer                      |
| Kala, M         | B.Sc., (KNUST, Kumasi, Gh), M.Phil. (Legon, Gh)             | Lecturer (Skills Coordinator) |
| Atakimah, A. G. | RGN, BSc, MN (UG, Legon)                                    | Assistant Lecturer            |
| Kafari P        | RGN, BSc.                                                   | Senior Research Assistant     |
| Alhassan, S.    | RGN, BSc.                                                   | Senior Research Assistant     |
| Yombe, N. L.    | RGN, BSc.                                                   | Senior Research Assistant     |

**Programme (s)**

- **BSc. Paediatric Nursing**

**Publications**

**Afoko V.**

Yakubu ND, Hawa M, Yakong V, ABEM VK, Yakubu HN, **Afoko V.** (2023). Investigating Knowledge Level, Attitude, Perceptions and other Factors Influencing Exclusive Breastfeeding Practices. *Int J Nurs Health Care Res* 6: 1427. DOI: 10.29011/2688-9501.101427

**Afoko V**, Hewison A, Neilson S, Newham R. (2022) Moral distress experienced by neonatal intensive and paediatric care nurses in Northern Ghana: a qualitative study. *Journal of Research in Nursing*. 27(6):519-529. doi:10.1177/17449871221122022

Adams, Y., Afoko, A.A., Amidu, N., Quaye, L., Dapare, P.P.M., Bani, S.B. and **Afoko, V.**, (2022) Factors Associated with Improved Semen Characteristics Following Microsurgical Sub-inguinal Varicocelelectomy among Infertile Men in Tamale, Ghana. *Asian Journal of Research and Urology Report*. 01-15 pp. 17-26.

Adams, Y., Afoko, A.A., Amidu, N., Quaye, L., Bani, S.B., Dapare, P.P.M and **Afoko, V.** (2022). Effect of Varicocelelectomy on Gonadal Function among Patients Reporting with Sexual Dysfunction in Ghana *Open Journal of Urology* Vol. 12 No. 6, pp. 305 – 330.

**Kala, M.,**

**Kala, M.**, Bam, V. B., & Agana, F. A. (2022). Psychosocial Experiences among Postnatal Women after Caesarian Section in the Tamale Metropolis, Ghana. *Asian Journal of Pregnancy and Childbirth*, 5(3), 26-36.

Wuni, A., Iddrisu, O.A., Chanayireh, L., Abdulai, A.M., Ababio-Boamah, C., Yakubu, A., Iddrisu, M. Doat, A.R., **Kala, M.**, Amalba, C. and Sayibu, A.M., 2022. Environmental stressors, coping mechanisms and support system for mothers with infants at the neonatal intensive care unit: a descriptive cross-sectional study. *Pan African Medical Journal One Health*, 9.

**Department of Advanced Nursing Practice****Staff**

| <b>Name</b>      | <b>Qualification</b>                                                                                                                                                               | <b>Rank/Position</b>               |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| Dubik, J. D.     | RN (NTC, Bawku, Gh), Dip. (Ghana), B.Sc. (GCUC, Kumasi. Gh), PGDE (UEW, Gh), M.Phil. (Ghana)                                                                                       | Lecturer/Acting Head of Department |
| Aarah-Bapuah, M. | RN (NMTC, Tamale, Gh), B.Sc. (UDS, Tamale, Gh), M.Phil. (Ghana), FGCNM                                                                                                             | Lecturer                           |
| Osman, W.        | RN (MNTC, Tamale, Gh), B.Sc. (UDS, Tamale, Gh), MN (UCC, Cape Coast, Gh), FGCNM                                                                                                    | Lecturer                           |
| Nam, M. A.       | B.A. (Ghana), Dip. (UEW, Gh), M.Phil. (Ghana)                                                                                                                                      | Lecturer                           |
| Twiaiku, S.      | RN (MNTC, Tamale, Gh), Advanced Diploma: Critical Care Nursing (School of Peri-Operative & Critical Care Nursing, Korle-Bu, Gh.) B.Sc. (UDS, Tamale, Gh), MN (UCC, Cape Coast, Gh) | Lecturer                           |
| Asakeboba, P. A. | RN (MNTC, Tamale, Gh), B.Sc. (UDS, Tamale, Gh), PGDE (UEW, Gh)                                                                                                                     | Assistant Lecturer                 |
| Kambasi, C. A.   | B.Sc. (UDS, Tamale, Gh) Master of advanced nursing practice, (Central South University, China).                                                                                    | Senior Research Assistant          |

**Programme(s)**

- B.Sc. Nurse Practitioner

**Publications****Aarah-Bapuah, M**

Amadu, P. M., Hoedoafia, R. E., Dassah, G., Cletus, L. K., Kpebu, S. E. A., **Aarah-Bapuah, M.**, & Abem, V. K. (2024). The Prevalence of Depression, Anxiety, and Stress Among Undergraduate Nursing Students in the University for Development Studies, Tamale. *Fortune Journal of Health Sciences*, 7(2), 178-191.

Bawah, R. K., Osman, W., Pireh, D., **Bapuah, M. A.**, Yakong, V. N., & Kala, M. (2023). Nursing staff involvement of children in care activities: A cross-sectional study. *International Journal of Nursing Studies Advances*, 5, 100160.

**Dubik, J. D**

Asumah, M. N., Abubakari, A., Mutaru, A. M., Sumaila, I., Asumah, H. N., Abdulai, A. M., **Dubik, J. D.**, .... & Abangbila, F. (2024). Sociodemographic determinants of preconception care use among future healthcare professionals: a cross-sectional study in Ghana. *The Evidence*, 2(3).

Nachinab, G. T. E., Yakong, V. N., **Dubik, J. D.**, Klutse, K. D., Asumah, M. N., Bimpong, B. N., ... & Sarpong, C. A. (2023). Perceptions on birth preparedness and complication readiness: perspectives of pregnant women. *Sage Open*, 13(4), 21582440231207136.

**Osman, W.**

Yiryuo, L., Kpekura, S., **Osman, W.**, Kukeba M.W., Mumuni, N.D., Mwinbam, M.M. & Dery, A. (2024). A Challenges and support experienced by family caregivers seeking antiretroviral therapy services for children living with HIV/AIDS: a phenomenological study in Ghana. DOI: <https://doi.org/10.1136/bmjopen-2023-081036>

Bawah, R. K., **Osman, W.**, Pireh, D., Bapuah, M. A., Yakong, V. N., & Kala, M. (2023). Nursing staff involvement of children in care activities: A cross-sectional study. *International Journal of Nursing Studies Advances*, 5, 100160.

**Department of Mental Health Nursing****Staff**

| Name               | Qualification                                                          | Rank/Position      |
|--------------------|------------------------------------------------------------------------|--------------------|
| *Gazari, T         | RGN (NTC, Tamale), BSc. (Garden City University), MPhil (KNUST, Ghana) | Lecturer/Ag. HoD   |
| *Abdul-Rahaman, A. | RMN (NTC, Ankafu), MSc (KNUST), MPhil (UCC)                            | Assistant Lecturer |
| Abu, A. N.         | RGN (NTC, Jirapa), BSc. (UDS), MPhil (Ghana)                           | Assistant Lecturer |

**Publications****Timothy, G**

**Timothy, G.**, Atanuriba, G. A., Anagbe, P. G. (2023). Exploring The Perceptions and Preparedness for Episiotomy Among Post-Partum Mothers in Northern Ghana: A Qualitative Study. *J Gynecol Reprod Med*, 7(3), 119-125.

**Abdul-Kadiri, A. R.**

Peter Mintir Amadu, Rejoice Enyonam Hoedoaafia, **Abdul-Kadiri, A. R.**, Philomena Konadu, Vivian Kapiro Abem, Barnabas Atangongo, Divine Davor. Depression, Anxiety and Stress among Basic School Students in Northern Region of Ghana. *Journal of Pediatrics, Perinatology and Child Health*. 8 (2024): 36-40.

Danzima, N. Y., Hawa, M., Adam, A. B., & Abem, V. K, **Abdul-Kadiri, A. R.** (2023). Investigating Knowledge Level, Awareness, Risk Factors and Preventive practices of Patients Regarding Ckd in Northern Ghana. *Journal of Gynecology & Reproductive Medicine*, 7(2), 42-55. <https://doi.org/10.33140/jgrm.07.02.02>

Yakubu, N. D., Maliche, H., Nantomah, B., Abem, V. k., **Abdul-Kadiri, A. R.** (2022). Investigating Knowledge, Attitude and Perception Levels of Hepatitis B, Among Students: A Study in Presbyterian Senior High School, Tamale, *J Gynecol Reprod Med*, 6(4), 188-203.

**Department of Preventive Health Nursing****Staff**

| Name            | Qualification                                                                                                                        | Rank/Position                                 |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| *Akugri, F. A.  | RGN (Bawku NTC, BSC (GUC). MSc (KNUST), MPhil (UG Legon) Ghana.                                                                      | Lecturer/Ag. HOD                              |
| Yakong, V. N.   | RN (NTC, Bolgatanga, Gh), Dip. (UDS, Tamale, Gh), BSN, MSN/Ph.D. (UBC, Okanagan, Canada)                                             | Dean/Senior Lecturer                          |
| Nukpezah, R. N. | PhD, TUMs, 2020, Iran; MSc (UCC), 2016; Post Dip (PXL University), 2014; JMH Egypt, 2013; BSc. (UDS, 2011); RGN (Tamale NMTC, 2006). | Senior Lecturer/Vice Dean, (SoNM)             |
| Ziba, F. A.     | MPhil, Legon, Ghana; MHPE, 2013, Maastricht/Suez, Netherlands/Egypt; RN, 2002, NTC, Bawku, Ghana                                     | Lecturer/Co-Ordinator for Laboratories (SoNM) |
| Yakubu N.D.     | Dip. (Ghana), RGN (NCT, Tamale) BSc. (UDS, Tamale), MSc (UCC), PhD (Tehran, Iran)                                                    | Lecturer/Postgraduate Co-Ordinator (SoNM)     |
| Dassah, G.      | MN (UCC), 2018, Ghana, BSc (UDS), 2011, RGN, 2006, NTC, Ghana.                                                                       | Lecturer/TTFP Co-Ordinator (SoNM)             |
| Ali, R. B.      | BSc Nursing, 2018, UDS, Ghana                                                                                                        | Snr. Research Assistant                       |

**Programme (s)**

- **BSc. Public Health Nursing**

**Publications****Yakong, V. N.**

Asumadu, O.D.K., Boah, M., Chirawurah, D., Ndago, J.A., **Yakong, V. N.**, Kanligi, D.A. and Adokiya, M.N. (2024). Pregnancy Outcomes Before and During COVID-19 Pandemic in Tamale Metropolis, Ghana: A Retrospective Cohort Study. *PLoS One*. <https://doi.org/10.1371/journal.pone.0302589>

Cudjoe, F.K., Mohammed, A.S. and **Yakong, V. N.** (2024). Investigating determinants affecting the adoption of contemporary contraceptive methods: A cross sectional analysis of adolescent utilization in Nabdam district, Upper East Region, Ghana. *Advances in Research*, 25 (1):36-47.

- Amadu, L., Boateng, K.T., **Yakong V. N.**, Boateng, W.K., Ani-Amponsah, M., Richardson, D., Antwi, T.A.J. and Kpikpitse, D. (2023). Importance of social support system on maternal experiences of pediatric department in the Northern Regional Hospital, Ghana. *Asian Journal of Pediatric Research*, 11 (1), 6-20.
- Afaya, A., Laari, T.T., Seidu, A.Z., Afaya, R.A., Selorm, S., Daniels-Donkor, D., **Yakong, V. N.**, and Ahinkorah, B.O. (2023). Factors associated with the uptake of clinical breast examination among women of reproductive age in Lesotho: analysis of a national survey. *BMC Cancer*, 23:114. <https://doi.org/10.1186/s12885-023-10566-2>.
- Abudu-Birresborn, D., Brennenstuhl, S., Puts, M., McCleary, L. **Yakong V. N.**, Chu, H.H and Cranley, L. (2023). Evaluating knowledge and attitudes scales for the care of older adults among nursing students in Ghana. *BMC Nursing*; 22:47.
- Nachinab, G.T., **Yakong, V. N.**, Dubik, J.D., Klutse, K.D., Asumah, M.N., Bimpong, B.N., Mensah, C., and Sarpong, C.A. (2023). Perceptions on Birth Preparedness and Complication Readiness: Perspectives of Pregnant Women. *Sage Open*, 13(4). <https://doi.org/10.1177/21582440231207136>
- Mohammed, S., **Yakong, V. N.**, Twumasi, E., Apuswin, A.R., Ameyaw, C., Atuga, A.A. and Cudjoe, F.K (2023). Exploring the Factors Influencing Home Delivery: A Cross Sectional Study among Rural Residents in Tamale Metropolis. *Asian Journal of Medicine and Health*: 21(4):1-14.

#### **Dassah, G.**

- Amadu, P. M., Hoedoafia, R. E., **Dassah, G.**, Cletus, L. K., Kpebu, S. E. A., Aarah-Bapuah, M., & Abem, V. K. (2024). The Prevalence of Depression, Anxiety, and Stress Among Undergraduate Nursing Students in the University for Development Studies, Tamale. *Fortune Journal of Health Sciences*, 7(2), 178-191

#### **Nicholas Y. D.**

- Nicholas Y. D.**, Maliche H., Adam A. B., Vivian K. A., & Adul-Rahaman A. (2023). Investigating Knowledge Level, Awareness, Risk Factors and Preventive practices of Patients Regarding CKD in Northern Ghana. *Journal of Gynecology & Reproductive Medicine*. <https://orcid.org/0000-0003-4423-6026>

## SCHOOL OF PUBLIC HEALTH

### Background

The School of Public Health (SPH) was created in 2020, with a mission to pursue and develop a healthier world with diversity through innovative training, research, community engagement, and service, equity, and integrity, to create a meaningful impact. The vision is to serve as the Home of Pro-Poor Public Health scholarship, research, service, and practice to promote the health and well-being of all persons and resilient communities.

At the SPH, we believe that diversity is critical for the training of public health personnel. Thus, the SPH has six (6) academic departments: the Department of Global and International Health (GIH), the Department of Environmental and Occupational Health (EOH), the Department of Population and Reproductive Health (PRH), the Department of Health Services, Policy, Planning, Management and Economics (HSPPME), Department of Epidemiology, Biostatistics and Disease Control (EBDC), and Department of Social and Behaviour Change. These departments function in an integrated way to leverage the collective strengths of the different expertise for the training of undergraduate and graduate students to provide leadership in disciplines such as Epidemiology, Biostatistics, Disease Control, Environmental and Occupational Health, Population, Reproductive Health, Health Information Management, Health Policy, Planning, Management, Social and Behavioural Sciences.

The current student population in the School of Public Health is shown in Table 1.

### Student population in the School of Public Health

| Program                                      | Male         | Female       | Total       |
|----------------------------------------------|--------------|--------------|-------------|
| Bachelor of Public Health (BPH)              | 793          | 1,842        | 2,635       |
| BSc. Health Information Management (HIM)     | 267          | 368          | 635         |
| Master of Public Health (MPH)                | 3            | 4            | 7           |
| MPH Maternal and Child Health (MCH)          | 14           | 40           | 54          |
| MPH Environmental Health Sciences (EHS)      | 7            | 3            | 10          |
| MPH Epidemiology and Biostatistics           | 28           | 2            | 30          |
| MPH Global Health                            | 9            | 9            | 18          |
| MPH Health Informatics                       | 4            | 0            | 4           |
| MPH Health Policy and Management             | 8            | 3            | 11          |
| MPhil Community Health and Development (CHD) | 4            | 5            | 9           |
| MSc Community Disaster Resilience Studies    | 12           | 3            | 15          |
| <b>Grand total</b>                           | <b>1,149</b> | <b>2,279</b> | <b>3428</b> |

### Office of the Dean

| Name          | Qualification                                                        | Rank/Position                       |
|---------------|----------------------------------------------------------------------|-------------------------------------|
| Yidana, A.    | BA (Legon, Ghana), MSc (London, UK), PhD (Halle, Germany)            | Associate Professor/Dean            |
| Adokiya, M.N. | BSc (Tamale, Ghana), MPH (Kumasi, Ghana), Ph.D (Heidelberg, Germany) | Associate Professor/Vice-Dean       |
| Antwi, E. A.  | B.Ed. (Cape Coast, Ghana)<br>M.Phil. (Cape Coast, Ghana)             | Deputy Registrar/<br>School Officer |

## Department of Health Services, Policy, Planning, Management and Economics

### Staff

| Name             | Qualification                                                                                               | Rank/Position              |
|------------------|-------------------------------------------------------------------------------------------------------------|----------------------------|
| Abihiro, G.A.    | B.A., (UDS, Tamale, Gh), MPH (UCT, Cape Town, South Africa),<br>Ph.D (Uni. Heidelberg, Heidelberg, Germany) | Associate<br>Professor/HoD |
| Hushie, M.       | B.A., Dip.Ed. (UCC, Cape Coast, Gh) M.Phil. (UG, Gh), Ph.D (Keele<br>University, Keele, UK)                 | Senior Lecturer            |
| Apiung,<br>A.G.  | B.A., (UDS, Tamale, Gh), PGD (London, UK), MPH (London, UK),<br>PhD (KNUST, Kumasi, Gh)                     | Senior Lecturer            |
| Anarwat,<br>S.G. | B.A. (KNUST, Kumasi, Gh), M.A. (UG, Ghana), DSEF (Dakar,<br>Senegal), PhD (Massachusetts, USA)              | Lecturer                   |
| Abokyi, L.N.     | B.A., (UG, Ghana) MPH (UG, Ghana) PhD (UG, Ghana)                                                           | Lecturer                   |
| Abugre, D.       | B.ED, (Cape Coast, GH) MPH (UG, GH)                                                                         | Lecturer                   |
| Azaare, J.       | B.Sc., (UCC, Cape Coast, Gh) (MPhil (Ghana) PhD (UG, Ghana)                                                 | Lecturer                   |
| Issah, A-N.      | BBA., Management, Kumasi, Gh, MPH., (UDS, Tamale, Gh)                                                       | Lecturer                   |

### Programme(s) offered:

MPH in Health Policy and Management

### Publications

#### Abihiro, G.A.

Mumbi, A., Mugo, P., Barasa, E., **Abihiro, G. A** and Nzinga, J. (2024). Factors influencing the uptake of public health interventions delivery by community pharmacists: A systematic review of global evidence. *PLoS One*, Vol 19. No. 8; pp 1-17.

Alatinga, K. A., **Abihiro, G. A.**, Kanmiki, E. W., Gyan, E. K., Hsu, V and Moyer, C. A. (2024). Burden of out-of-pocket payments for maternal healthcare and its catastrophic effects in the era of free maternal and child health policy in Ghana. *SSM-Health Systems*, Vol 2. No. 100018. Pp 1-9.

**Abihiro, G. A.** (2014) Regaining policy attention for a health insurance capitation payment reform in Ghana: A prospective policy analysis. *PLOS Glob Public Health*, Vol. 4, No. 5.

**Abihiro, G. A.**, Abdul-Latif, A. M., Akaateba, D., Braimah, K. R. L., Alhassan, M., Hadfield, K and Hadfield, K. (2024). A qualitative examination of factors influencing pregnancy-related anxiety in Northern Ghana. *Midwifery*, Vol 134, No. 104014; pp 1-9.

Kaburu, R. K., Haruna, U and **Abihiro, G. A.** (2023). Constraints on the functioning of Community-based Health Planning and Services facilities: A qualitative study in the Jirapa Municipality, Ghana. *PLOS Glob Public Health*. Vol 3, No. 12; pp 1-15.

#### Hushie, M.

Azaare, J., Aninanya, G.A., Abdulai, K., Adane, F., Bio, R. B and **Hushie, M.** (2024). Maternal health care utilization following the implementation of the free maternal health care policy in Ghana: analysis of Ghana demographic and health surveys 2008-2014. *BMC Health Serv Res*. Vol 24, No. 207. Pp 1-12

**Apiung, A.G.**

- Alhassan, A. R., Wepeba, T. W., Abdulai, K., Iddrisu, R., and **Aninanya, G. A.** (2024). Prevalence and Associated Factors of Adolescent (15–19 Years) Childbearing in Ghana. *BioMed Research International*, Vol 1, No. 3237882, pp 1-10.
- Daliri, D. B., **Aninanya, G. A.**, Laari, T. T., Abagye, N and Afaya, A. (2024). Coping strategies used by informal family caregivers of individuals living with mental illness in the Upper East Region of Ghana: a qualitative study. *BMJ open*, Vol 14, No. 7; pp 1-7
- Daliri, D. B., Afaya, A., Laari, T. T., Abagye, N and **Aninanya, G. A.** (2024). Exploring the burden on family caregivers in providing care for their mentally ill relatives in the Upper East Region of Ghana. *PLOS Global Public Health*, Vol 4, No. 4, pp 1-12.
- Daliri, D. B., **Aninanya, G. A.**, Laari, T. T., Abagye, N., Dei-Asamoah, R., and Afaya, A. (2024). Exploring the barriers to mental health service utilization in the Bolgatanga Municipality: the perspectives of family caregivers, service providers, and mental health administrators. *BMC Health Services Research*, Vol 24, No. 278, pp 1-9
- Azaare, J., **Aninanya, G. A.**, Abdulai, K., Adane, F., Bio, R. B and Hushie, M. (2024). Maternal health care utilization following the implementation of the free maternal health care policy in Ghana: analysis of Ghana demographic and health surveys 2008–2014. *BMC Health Services Research*, Vol 24, No. 207, pp 1-12
- Daliri, D. B., **Aninanya, G. A.**, Laari, T. T., Abagye, N., Dei-Asamoah, R., Afaya, R. A and Afaya, A. Exploring the motivations of mental health service utilization among family caregivers in Bolgatanga, Upper East Region, Ghana. *Mental Health Science*, Vol 2, No. 2. pp 1-9
- Atongu, S. F., **Aninanya, G. A** and Howard, N. (2024). Factors associated with initial AstraZeneca vaccine knowledge, attitudes, and uptake among hospital nurses: A cross-sectional study in Ghana's Upper East region. *PLOS Global Public Health*, Vol 4. No. 2. Pp 1-14
- Aninanya, G. A.**, Wombeogo, M and Yidana, A. (2023). Perceived Determinants of Adherence To Antiretroviral Drug Therapy Among Persons Living With Hiv In Health Facilities In The Upper East Region: An Exploratory Study. *UDS International Journal of Development*, Vol 10, No.1. pp109-116.
- Muktar, A. T., Abdulai, A., **Aninanya, G. A** and Badawi, M. (2023). Prevalence And Trends Of Hepatitis B AND C Among Blood Donors In All Blood Donors Centers In The Northern Region Of Ghana: A Five-Year Retrospective Study. *UDS International Journal of Development*, Vol 10. No. 1. pp 80-88.

**Abokyi, L.N.**

- Apraku, E.A, Abubakari, S.W, Tetteh, R.J, Afari-Asiedu, S, Harrison, E.S., Agbokey, F., Nyame, S., Twumasi, M.F, Adeapena, W., Zandoh, C., **Abokyi, L. N.**, Febir, L. F and Asante, K. P. (2024). Impact of the COVID-19 pandemic on handwashing practices among community members in the middle belt of Ghana: evidence from a cross-sectional study. *Pan African Medical Journal*, Vol 47, No. 122. Pp 1-18

**Azaare, J.**

- Azaare, J.**, Abdulai, K. and Bio, R. B. (2024). Policy Impact Divergence: Multiple Model Regression Analysis of Ghana's 'Free' Maternal Health Care Policy. *Disease and Health Research - New Insights Vol. 1.* pp 151-178.

**Azaare, J.,** Aninanya, G.A., Abdulai, K., Adane, F., Bio, R. B and Hushie, M. (2024). Maternal health care utilization following the implementation of the free maternal health care policy in Ghana: analysis of Ghana demographic and health surveys 2008-2014. *BMC Health Serv Res.* Vol 24, No. 207. Pp 1-12

**Azaare, J.,** Kolekang, S., Agyeman, N., Y. (2023). "Maternal health care policy intervention and its impact on perinatal mortality outcomes in Ghana: evidence from a quasi-experimental design" *Public Health*, Vol 222. pp. 37-44

**Abugre, D.**

**Abugre, D., &** Bhengu, B. R. (2023). Nurse managers’ perceptions of patient-centred care and its influence on quality nursing care and nurse job satisfaction: Empirical research qualitative. *Nursing Open*, Vol 11. Pp 1-11

**Issah, A. N.**

Kpordoxah, M. R., Adiak, A. A., Issah, A-N, Yeboah, D., Abdulai, N and Boah, M. (2024). Magnitude of self-reported intimate partner violence against pregnant women in Ghana’s northern region and its association with low birth weight. *BMC Pregnancy and Childbirth*, Vol 24. pp 1-10.

## Department of Population and Reproductive Health

### Staff

| Name            | Qualification                                                                                                               | Rank/Position                                    |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| Ziblim, S-D     | B.A. (UDS, Tamale, Gh), M.Phil., Ph.D. (UG, Legon, Gh)                                                                      | Professor/ Head of Department                    |
| Laribick, B. D. | B.A., M Ed. (UCC, Cape Coast, Gh), MPH. (KNUST, Kumasi, Gh)                                                                 | Lecturer                                         |
| Agyman, Y. N.   | B.Sc, MPH. Ph.D (KNUST, Kumasi, Gh), PGDE (Cape Coast, Gh), FGCNM (GCNM, Gh)                                                | Lecturer/School’s Postgraduate Coordinator       |
| Alhassan, S. A. | B.Ed. (UCC, Cape Coast, Gh), M.Phil. (UDS, Tamale, Gh), Ph.D. (UCN, Managua, Nicaragua)                                     | Lecturer/ Departmental Quality Assurance Officer |
| Adong, J. W.    | BSc., MSc., (UG, Legon, Gh), PhD., (UCC, Cape Coast, Ghana)                                                                 | Lecturer                                         |
| Lasong, J.      | B.Sc. (KNUST, Kumasi, Gh), MPH., Ph.D (HUST, Wuhan, China).                                                                 | Lecturer/ DEO                                    |
| Nantomah, B.    | Tcher Cert ‘A’, (E. P. College of Education, Bimbila, Gh), B.A, M.Phil., Ph.D (UCC, Cape Coast, Gh),                        | Lecturer/ Departmental DCROP Coordinator         |
| Akum, L. A.     | Dip RGN (NMTC, Tamale, Gh), ADVANCE Dip PHN, (KORLE, Accra, Gh), BSC., PGDE (UCC, Cape Coast, Gh), MPH, (KNUST, Kumasi, Gh) | Lecturer                                         |

### Programmes Offered

Master of Public Health (Maternal and Child Health)

### Publications

**Ziblim, S-D.**

Tabiri J, Adzordor P, Bawontuo V, **Ziblim S-D**, Gugu G. Julian D. Pillay, Kuupiel D. (2024). Adolescent girls’ and young mothers’ knowledge and use of antenatal care in the Ahafo

- Region, Ghana: A cross-sectional study. *African Journal of Primary Health Care & Family Medicine*. (2024) PMID: 39099267 PMCID: PMC11304192, DOI: 10.4102/phcfm.v16i1.4259
- Bukari M, **Ziblim S-D**, Aabeyir. R (2024) Geological and Hydro-Chemical Characterisations of Groundwater Resources in the Wa Municipal District (2024), *Journal of Sustainable Social Development* 2024, 2(1), 2344. <https://doi.org/10.54517/ssd.v2i1.2344>
- Kuupiel, D.; Cheabu, B. S. N.; Yeboah P.; Duah, J.; Addae, J. K; Ako-Nnubeng, I. T.; Osei, F. A.; **Ziblim, S-D**; Mchunu, G. G.; Pillay, J. D & Bawontuo, V. (2023) Geographic availability of and physical accessibility to tuberculosis diagnostic tests in Ghana: A cross-sectional survey. *Journal of BMC Health Service Research*, (2023) 23:755. <https://doi.org/w.1186/s12913-023-09755-3>.
- Donkor, D. R; **Ziblim, S-D**; Dzantor, E. K.; Asumah, M. N. & Abdul-Munin, A. (2023) Neonatal Jaundice Management: Knowledge, Attitude and Practice among Nurses and Midwives in the Northern Region, Ghana. *Perinatal Nursing and Midwifery– Original Research Article*. DOI:10.1177/23779608231187236 [journals.sagepub.com/home/son](https://journals.sagepub.com/home/son)
- Banyeh, M., Shittu, S. O., **Ziblim, S-D**., Dapare, P. P. M., Nyewie, M., & Dagungong, C. B. (2023). Can maternal postpartum testosterone and estradiol retrospectively predict the offspring's sex at birth? A cross-sectional study in Ghana. *Physiological Reports*, 11, e15757. <https://doi.org/10.14814/phy2.15757>
- Amoore, B.Y., Gaa, P.K., **Ziblim, S-D**. & Mogre, V. (2023) Preparedness of medical students to provide nutrition care following a nutrition education intervention. *BMC Research Notes*, 16(88):1-7. <https://doi.org/10.1186/s13104-023-06348-5>.
- Inusah, A-W, Gbeti, C., Gyanfi, P., Dzomeku, P., Nungbaso, M-A. & **Ziblim, S-D**. (2023) Prevalence of Diaper Need and Diaper Dermatitis and Associated Risk Factors among Children Aged 1-24 Months in a Referral Hospital in Ghana: A Cross-Sectional Study. *Open Health*, vol. 4, no. 1, pp. 20220033. <https://doi.org/10.1515/ohe-2022-0033>
- Inusah. A-W., Gbeti, C., Dzomeku, P., Head, M. & **Ziblim, S-D**. (2023). Knowledge, Attitudes and Practice towards Yellow Fever among Nomadic Populations: A Cross-Sectional Study in Yellow Fever Outbreak Communities in Ghana. *PLOS Glob Public Health*, 3(3):1-17. <https://doi.org/10.1371/journal.pgph.0000733>
- Adjeso, Y. N.**
- Piu, L.J., Owusu-Marfo, J., **Agyeman, Y.N.** et al. (2024). Assessment of expanded programme on immunization routine data quality in the upper east region of Ghana. *BMC Health Serv Res* 24, 886 (2024). <https://doi.org/10.1186/s12913-024-11347-8>
- Azaare, J., Kolekang, A.S., & **Agyeman Y.N.** (2023). Maternal health care policy intervention and its impact on perinatal mortality outcomes in Ghana: evidence from a quasi-experimental design. *Public Health*, Vol 222.
- Adum, P., Agyare, V.A., Owusu-Marfo, J., & **Agyeman, Y. N.** (2023). Knowledge, attitude and practices of malaria preventive measures among mothers with children under five years in a rural setting of Ghana. *Malaria Journal* 22, 268 <https://doi.org/10.1186/s12936-023-04702-3>
- Adjeso T. J. K., **Agyeman Y.N.** Dzantor, E. K. (2023). Ear, nose, and throat specialty as a future career preference for medical students in northern Ghana: ENT specialty as a career preference for medical students. *Postgraduate Medical Journal of Ghana*, Vol 12

**Adong J. W**

**Adong, J. W.**, Adjei, D. N., Adokiya, M. N., & Agyemang, C. (2024). Impact of hospitalcommunity diabetes management intervention in Central Region, Ghana: A retrospective study. *Diabetes research and clinical practice*, 213, 111762. <https://doi.org/10.1016/j.diabres.2024.111762>

**Akum L. A.**

**Akum LA**, Offei EA, Kpordoxah MR, Yeboah D, Issah A-N, Boah M (2023) Compliance with the World Health Organization's 2016 prenatal care contact recommendation reduces the incidence rate of adverse birth outcomes among pregnant women in northern Ghana. *PLoS ONE* vol 18, No. 6, pp 1-16.

**Alhassan, S. A.**

**Alhassan A. S.**, Dakurah S, & Lasong J (2024). Perspectives of midwives on the use of Kaligutim (local oxytocin) for induction of labour among pregnant women in the government hospitals in Tamale. *BMC Pregnancy and Childbirth*, (2024) 24:561.<https://doi.org/10.1186/s12884-024-06745-z>

Mutaru, A-M., Ibrahim, A., Osuman, A-N. W., Agana, T. A., **Alhassan, S. A.**, (2023). Knowledge, attitude and clinical practice regarding HIV/AIDS among trainee nurses in north-eastern corridor, Ghana. *International Journal of Africa Nursing Sciences*, Vol 18, 2023,100545

**Lasong, J**

Alhassan, A.S., Dakurah, S. & **Lasong, J.** (2024). Perspectives of midwives on the use of Kaligutim (local oxytocin) for induction of labour among pregnant women in the government hospitals in Tamale. *BMC Pregnancy Childbirth* **24**, 561. <https://doi.org/10.1186/s12884-024-06745-z>. Published.

**Nantomah B.**

Agyeman, P. B., **Nantomah, B.**, & Yidana, A. (2024). A four-year retrospective assessment of neonatal mortality in a neonatal intensive care unit. *International Journal of Community Medicine and Public Health*, 11(8):3032-3040. DOI: <https://dx.doi.org/10.18203/2394-6040.ijcmph20242162>

Adoma, P. O., Yeboah Snr. C. A., **Nantomah, B.**, Manu, E., & Kushitor, M. K. (2023). Experiences of care-seeking behaviour for sexually transmitted infections among gay and bisexual men: A phenomenological study. *African Journal of Reproductive Health*, Vol 27, No.7, pp 64 – 75.

Asante-Afari, K., **Nantomah, B.**, Yendaw, E., & Borbor, F. M. (2023). Going through treatment: Experiences of women who sought assisted reproductive technology treatment in five selected hospitals in Ghana. *Culture, Health & Sexuality*. DOI: 10.1080/13691058.2023.2202725

Danzima, N. Y., **Nantomah, B.**, & Abem, V. K. (2023). Heideggerian hermeneutic phenomenological study of lived experiences of nursing care during childbirth. *Journal of Biotechnology and Biomedicine*, Vol 6, No.2, pp151-159.

**Nantomah, B.** (2023). Environmental health quality of life of the aged with disability in selected districts in the Upper West region of Ghana. *Drumspoke: International Journal of Research in the Humanities*, Vol 6, No.1, pp 50–71.

## Department of Epidemiology, Biostatistics and Disease Control

| Name            | Qualification                                                                        | Rank/Position                      |
|-----------------|--------------------------------------------------------------------------------------|------------------------------------|
| Abukari, S.     | B.ED (Cape Coast), MA (Ghana), MPH (Kumasi),<br>Graduate Diploma (Ghana) PhD (Ghana) | Senior Lecturer/HoD                |
| Adokiya, M.N.   | BSc (Tamale, Ghana), MPH (Kumasi, Ghana),<br>Ph.D (Heidelberg, Germany)              | Associate Professor/Vice-Dean      |
| Addah, J.       | BSc (Kumasi, Ghana), MSc (Ghana)                                                     | Senior Lecturer                    |
| Abdulai, T.     | BSc (Kumasi, Ghana), MSc (Tromso, Norway),<br>PhD (Zhengzhou, China)                 | Lecturer                           |
| Owusu-Marfo, J. | BSc (Fiapre, Ghana), MSc (Kumasi, Ghana), PhD<br>(Zhenjiang-Jiangsu Province, China) | Lecturer                           |
| Boah, M.        | BSc (Tamale, Ghana) MPH (Ghana), PhD<br>(Harbin, China)                              | Lecturer                           |
| Kolekang, A     | BSc (Kumasi, Ghana), MPH (New Orleans, USA),<br>PhD (Ghana)                          | Lecturer/Laboratory<br>Coordinator |
| Yakubu, I.Z.    | B.Ed (Tamale, Ghana), MPH (Tamale, Ghana)                                            | Lecturer                           |
| Sumani, A.M.    | BSc (Tamale, Ghana), MPH (Tamale, Ghana)                                             | Lecturer                           |
| Kusi, K.A,      | BSc (Tamale, Ghana), MPH (Kumasi, Ghana)                                             | Assist. Lecturer                   |
| Yeboah, D.      | BSc (Tamale, Ghana), MSc (Kumasi, Ghana)                                             | Principal Research Assistant       |
| Ali, G.         | B.Ed. (Tamale, Ghana), MSc (Kumasi, Ghana)                                           | Principal Research Assistant       |

### Staff Publication

#### Salifu A.

Muktar, A. M., Salifu, A., Deme-Der, S., Ayiwor, G. ACHILDHOOD CANCER KNOWLEDGE AMONG PARENTS WHOSE CHILDREN ARE ON ADMISSION AT THE PAEDIATRIC WARD OF TAMALE TEACHING HOSPITAL (TTH). UDS International Journal of Development [UDSIJD] ISSN: 2026-5336 Special Issue, Volume 10 No. 1, 2023 <https://www.udsjd.org>

Salifu, A., Muktar, A. M., Yakubu, S. KNOWLEDGE, ATTITUDE AND PREVALENCE OF SNUFF USE: A DESCRIPTIVE CROSS-SECTIONAL STUDY AMONG ADULTS IN THE SAGNERIGU MUNICIPALITY OF THE NORTHERN REGION OF GHANA. UDS International Journal of Development [UDSIJD] ISSN: 2026-5336 Special Issue, Volume 10 No. 1, 2023 <https://www.udsjd.org>

Surazu, B., Muktar, A. M., Salifu, A. ERIODIC MEDICAL CHECKUP AMONG HEALTH WORKERS: A DESCRIPTIVE CROSS-SECTIONAL SURVEY AT A TEACHING HOSPITAL IN GHANA UDS International Journal of Development [UDSIJD] ISSN: 2026- 5336 Special Issue, Volume 10 No. 1, 2023 <https://www.udsjd.org>

Sumani, A., Bavug, B. T., Mahamuda, A., Salifu, A., & Tahiru, A. M. (2023). Descriptive Epidemiology of Home-Based Management of Diarrhea in Children Under Five Years: The Case of Northern Ghana. *Int J Pediatr Res*, 9(2), 1-9. <https://doi.org/10.23937/2469-5769/1510122>

#### Adokiya, M.N.

Boah, M., Abanga, E.A., & Adokiya, M.N. (2024). Quality of antenatal care services received by women of reproductive age prior to delivery in selected health facilities in the northern zone of Ghana. *BMC Health Services Research*. <https://doi.org/10.1186/s12913-024-11491-1>

- Doobay-Persaud, A.A., **Adokiya, M.N.**, Zhao, Z., Evert, J., Mensah, B.A. & Rabin, T.L. (2024). Editorial: Research and Discussions in Critical Discourses and Remedies in Global Health Education. *Frontiers in Education*. <https://doi.org/10.3389/educ.2024.1464114>.
- Nukpezah, R.N., Abanga, E.A., **Adokiya, M.N.**, Aninanya, G.A., Odiakpa, L.O., Shehu, N., Chukwu, N.M., Mahama, A.B. & Boah, M. (2024). Preterm birth, low birth weight and their co-occurrence among women with preexisting chronic diseases prior to conception: a cross-sectional analysis of postpartum women in a low-resource setting in Ghana. *Maternal Health, Neonatology and Perinatology*. <https://doi.org/10.1186/s40748-024-00188-2>
- Orou-Seko, A., Chirawurah, D., Houndi, A., Ndago, J.A. Nkansah-Baidoo, M. & **Adokiya, M.N.** (2024). Occurrence and Associated Ecological Risks Assessment of Pesticide Residues in Water and Sediment from Selected Reservoirs in Northern Ghana. *PLOS ONE*. <https://doi.org/10.1371/journal.pone.0312273>
- Awiah, E.A., Aabalekuu, S., Dun-Dery, F., Dun-Dery, E.J., Bayor, F., **Adokiya, M.N.** & Bessing, B. (2024). Correlates of Hepatitis B Infection in pregnant women attending antenatal clinics in Wa Municipality, Ghana. *PLoS Global Public Health*. <https://doi.org/10.1371/journal.pgph.0002447>
- Orou-Seko, A., Chirawurah, D., Nkansah-Baidoo, M., Ndago, J.A., Pwatirah, D., Kolekang, A.S. & **Adokiya, M.N.** (2024). Farmers' pesticide uses and knowledge of aquatic ecosystem contamination with its perceived health risk from contaminated fish consumption in northern Ghana. *Scientific African*. <https://doi.org/10.1016/j.sciaf.2024.e02351>
- Orou-Seko, A., Chirawurah, D., Gnimatin, J-P., Pelebe, E.O.R., Ndago, J.A., Pwatirah, D., & **Adokiya, M.N.** (2024). Protocol for pesticide residue monitoring and risk assessment on water, sediment, and fish: A case study of two selected reservoirs in Ghana. *Heliyon*. <https://doi.org/10.1016/j.heliyon.2024.e37251>
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- Asumadu, O.D.K., Boah, M., Chirawurah, D., Ndago, J.A., Yakong, V.N., Kanligi, D.A. & **Adokiya, M.N.** (2024). Pregnancy Outcomes Before and During COVID-19 Pandemic in Tamale Metropolis, Ghana: A retrospective cohort study. *PLOS ONE*. <https://doi.org/10.1371/journal.pone.0302589>
- Akanpaabadai, E.A., Adiak, A.A., Nukpezah, R.N., **Adokiya, M.N.**, Adjei, S.E. & Boah, M. (2024). Population-Based Cross-Sectional Study of Factors Influencing Full Vaccination Status of Children Aged 12-23 Months in a Rural District of the Upper East Region, Ghana. *BMC Pediatrics* 24 (168). <https://doi.org/10.1186/s12887-024-04662-w>
- Kolan, M.Y., Mahama, F., Abubakari, B.B., Konka, P., Appiah, B.O., Yeboah, M.O., Kwarteng, P.G., Apea, P.O., Adjei, M.R., **Adokiya, M.N.**, Boadum, O. & Abiwu, H.A.K. (2024). Predictors of Vaccination Card Retention in Tamale Metropolis, Ghana. *PLOS ONE*. 19(2). <https://doi.org/10.1371/journal.pone.0292765>

**Owusu-Marfo, J.**

- Antor, E., **Owusu-Marfo, J.**, & Kissi, J. (2024). Usability evaluation of electronic health records at the trauma and emergency directorates at the Komfo Anokye teaching hospital in the Ashanti region of Ghana. *BMC Medical Informatics and Decision Making*, 7. <https://doi.org/10.1186/s12911-024-02636-7>
- Piu, L. J., **Owusu-Marfo, J.**, Agyeman, Y. N., Kolekang, A. S., & Kissi, J. (2024). Assessment of expanded programme on immunization routine data quality in the upper east region of Ghana. *BMC Health Services Research*, 24(1). <https://doi.org/10.1186/s12913-024-11347-8>
- Kissi, J., Pomegbe, W. W. K., Adzakupah, G., Mensah, N. K., **Owusu-Marfo, J.**, Asmah, Z. W., Tawiah, G. E., & Amoah-Anomah, G. (2024). Unmasking the coronavirus pandemic impact on students' academic performance (University of Cape Coast—Ghana). *PLOS Global Public Health*, 4(7), 1–12. <https://doi.org/10.1371/journal.pgph.0003409>
- Adum, P., Agyare, V.A., **Owusu-Marfo, J.** *et al.* Knowledge, attitude and practices of malaria preventive measures among mothers with children under five years in a rural setting of Ghana. *Malar J* **22**, 268 (2023). <https://doi.org/10.1186/s12936-023-04702-3>

**Sumani, A.,**

- Sumani, A., Bavug, B. T., Mahamuda, A., Salifu, A., & Tahiru, A. M. (2023). Descriptive Epidemiology of Home-Based Management of Diarrhea in Children Under Five Years: The Case of Northern Ghana. *Int J Pediatr Res*, 9(2), 1–9. <https://doi.org/10.23937/2469-5769/1510122>
- Sumani, A., Bavug, B. T., Mahamuda, A., Salifu, A., & Tahiru, A. M. (2023). Descriptive Epidemiology of Home-Based Management of Diarrhea in Children Under Five Years: The Case of Northern Ghana. *Int J Pediatr Res*, 9(2), 1–9. <https://doi.org/10.23937/2469-5769/1510122>

**Yeboah, Daudi;**

- Yeboah, Daudi; Issah, Abdul-Nasir; Kpordoxah, Mary Rachael; Akiti, Caselia; Boah, Michael (2023) Prevalence and factors associated with the intention to use contraception among women of reproductive age who are not already using a contraceptive method in Liberia: findings from a secondary analysis of the 2019–2020 Liberia Demographic Health Survey. *BMJ open* 13(10): e072282. doi: 10.1136/bmjopen-2023-072282
- Boah, Michael; Yeboah, Daudi; Kpordoxah, Mary Rachael; Issah, Abdul-Nasir; Adokiya, Martin Nyaaba (2023) Temporal trend analysis of the HIV/AIDS burden before and after the implementation of antiretroviral therapy at the population level from 1990 to 2020 in Ghana. *BMC Public Health* 23(1): 1-9. <https://doi.org/10.1186/s12889-023-16321-3>
- Akum, Leticia Achangebe; Offei, Eunice Amina; Kpordoxah, Mary Rachael; Yeboah, Daudi; Issah, Abdul-Nasir; Boah, Michael (2023) Compliance with the World Health Organization's 2016 prenatal care contact recommendation reduces the incidence rate of adverse birth outcomes among pregnant women in northern Ghana. *Plos one* 18(6): e0285621. <https://doi.org/10.1371/journal.pone.0285621>

- Wan, Siyuan; Jin, Baiming; Kpordoxah, Mary Rachael; Issah, Abdul-Nasir; Yeboah, Daudi; Aballo, Jevaise; Boah, Michael (2023). A descriptive analysis of the coverage of newborn care services among women who delivered in health facilities in 17 sub-Saharan African countries. *BMC Pregnancy and Childbirth* 21 (1): 1-9. <https://doi.org/10.1186/s12884-023-05592-8>
- Boah, Michael; Abdulai, Nashiru; Issah, Abdul-Nasir; Yeboah, Daudi; Kpordoxah, Mary Rachael; Aballo, Jevaise; Adokiya, Martin Nyaaba (2023) Risk of adverse newborn outcomes among women who experienced physical and psychological intimate partner abuse during pregnancy in Ghana's northern region. *Heliyon* 9(4). <https://doi.org/10.1016/j.heliyon.2023.e15391>
- Kpordoxah MR, Issah A-N, Yeboah D, Mruts KB, Boah M (2023) Assessing the association between an early and recommended number of focused antenatal care visits and the number of prenatal care content received before delivery in Ethiopia. *PLoS ONE* 18(3): e0282694. <https://doi.org/10.1371/journal.pone.0282694>
- Yeboah D, Boah M, Adokiya MN (2023) Caregivers' use of insecticide-treated nets is associated with the use of ITNs by children under the age of five in Ghana. *PLoS ONE* 18(1): e0280065. <https://doi.org/10.1371/journal.pone.0280065>

**Kusi, K.A.**

- Kwabena Adade Kusi**, Steven Oppong, Gloria Bore-shi Saaka, Lois L. Dukper, Mamata Ibrahim, Rukaya Abdallah, Barikisu Masahudu, Selase Kwaku Dotse, Frederick Nuuri-Teg (2023). Factors Influencing the Uptake of Family Planning Among Women Aged 15 to 49 Years Old in the Sawaba Community in the Northern Region of Ghana. *International Journal of Social Science And Human Research*. DOI:10.47191/IJSSHR.
- Frederick Yenbaar Nuuri-Teg, Stephen Oppong, Christine Ekor, Lois L Dukper, Gloria Bore-Shi Saaka, **Kwabena Adade Kusi** (2023). Attitude and Utilization of Comprehensive Abortion Care Services by Young People (10-24 Years) in the Tamale Metropolis. *International Journal of Advanced Multidisciplinary Research and Studies*. ISSN: 2583-049X. *Int.j.adv.multidisc.res.stud.2023; 3(3): 551-558.*
- Lois Dukper, Stephen Oppong, Gloria Bore-Shi Saaka, **Kwabena Adade Kusi**, Hannah Hwintimatse Abugri, Zoe Akua Amene Ohene-Ampofo, Nutsugah Charles Mawuli (2023). Methods and Procedures Guiding Capacity Building on Staff Development at the University for Development Studies. *International Journal of Advanced Multidisciplinary Research and Studies*. ISSN: 2583-049X. *Int.j.adv.multidisc.res.stud.2023; 3(3): 167-178.*

**Kolekang, S A**

- Orou-Seko, A., Chirawurah, D., Ndago, J. A., Nkansah-Baido, M., Pwahirah, D., **Kolekang, A. S.**, & Adokiya, M. N. (2024). Farmers' pesticide use and knowledge of aquatic ecosystem contamination with its perceived health risk from contaminated fish consumption in northern Ghana. *Scientific African*, e02351.
- Banyeh, M., Woli, M. K., Mayeem, B. N., **Kolekang, A. S.**, Nukpezah, R. N., Habib, N., ... & Dagungong, C. B. (2024). Maternal hepatitis B status and Sex at birth: A cross-sectional study in a Ghanaian population. *Heliyon*, 10(10).

- Akilla, M. A., Nchor Awiniuno, I. A., Banyeh, M., Mayeem, B. N., Kwofie, G. S., Adoko, S., ... & Amidu, N. (2024). Investigating hemolysis, elevated liver enzymes and low platelet count in preeclampsia: A case-control study in Ghana. *Health Science Reports*, 7(8), e2277.
- Piu, L. J., Owusu-Marfo, J., Agyeman, Y. N., **Kolekang, A. S.**, & Kissi, J. (2024). Assessment of expanded programme on immunization routine data quality in the upper east region of Ghana. *BMC Health Services Research*, 24(1), 886.
- Banyeh, M., Nyewie, M., Abdulai, A. R., Nkansah, C., Abbam, G., Kangkpi, T., ... & Akoto, E. O. (2024). Association between the ABO Type, Rh Factor and the 2D: 4D Ratio: A Cross-Sectional Study in Ghana. *Asian Hematology Research Journal*, 7(3), 115-125.
- Banyeh, M., Mayeem, B. N., Woli, M. K., **Kolekang, A. S.**, Dagungong, C. B., Bure, D., ... & Owireduwaa, N. (2024). Exploring Hematological and Biochemical Disparities in Same-Sex and Opposite-Sex Females: A Cross-Sectional Twin Study in a Ghanaian Population. *Twin Research and Human Genetics*, 1-6.

## Department of Global and International Health

### Staff

| Name           | Qualification                                                                                                                                                                             | Rank/Position        |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| Aninanya, A.G. | B.A.(UDS, Tamale, Gh), PGD (London School of Hygiene & Tropical Medicine, UK), MPH (London School of Hygiene & Tropical Medicine, UK), PhD (KNUST, Kumasi, Gh)                            | Senior Lecturer /HoD |
| Abubakari, A.  | B.S.C. (UDS, Tamale, Gh), M.Sc. (UGhent, Ghent, Belgium), Ph.D. (Heidelberg University, Heidelberg, Germany)                                                                              | Assoc. Professor     |
| Iddrisu, Y.A   | BSc Zoology (ABU), Doctor of Medicine 1993 (Ukraine State Medical University, MSc. Community health and Development (2015) PhD in Medical Anthropology                                    | Senior Lecturer      |
| Azongo, B.T    | SRN (Tamale, Ghana), B.A (Ghana), MPH (Ghana.), PhD (Ghana)                                                                                                                               | Senior Lecturer      |
| Abem, K. V.    | B.S.C. (UDS, Tamale, Gh), MSc. in International Health (University of Heidelberg, Germany), PhD (Public Health) University of Ghana                                                       | Lecturer             |
| Issah, H.      | B.A. (UG, Legon, Ghana), MA/M.Sc. (Linkoping University, Sweden), MPH (Lund University, Sweden), Europubhealth (Sheffield University, UK; & Copenhagen University, Denmark).              | Lecturer             |
| Kpordoxah, M.R | Bachelor of Education (BE.d) Health Sciences, University for Development Studies. Master of Public Health (MPH) University for Development Studies Tamale - Ghana                         | Lecturer             |
| Abdul-karim, H | Diploma in General Nursing (Tamale Nurses' and Midwifery Training College, Tamale, Gh), Bsc Nurse Practitioner (UDS, Tamale, Gh). Mphil Community Health & Development (UDS, Tamale, Gh). | Lecturer             |
| Yussif, B. G   | B.E.d. Health Science (UDS, Tamale, Gh) MPH (UDS, Ghana)                                                                                                                                  | Lecturer             |
| Iddrisu, M     | Bachelor of Management Studies (University of Cape Coast). MPhil Community Health & Development (University for Development Studies)                                                      | Assistant Lecturer   |

### Programmes offered:

- Bachelor of Public Health
- Master of Public Health (Global Health).

## Publications

### Aninanya, A..G

- Alhassan, A. R., Wepeba, T. W., Abdulai, K., Iddrisu, R., & **Aninanya, G. A.** (2024). Prevalence and Associated Factors of Adolescent (15–19 Years) Childbearing in Ghana. *BioMed Research International*, Vol 1, No.3237882, pp 1-10.
- Daliri, D. B., **Aninanya, G. A.**, Laari, T. T., Abagye, N., & Afaya, A. (2024). Coping strategies used by informal family caregivers of individuals living with mental illness in the Upper East Region of Ghana: a qualitative study. *BMJ open*, Vol 14, No.7; pp 1-7.
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- Aninanya, G. A.**, Atongu, S.F & Howard, N. (2024). Factors associated with initial AstraZeneca vaccine knowledge, attitudes, and uptake among hospital nurses: A cross-sectional study in Ghana’s Upper East region. *PLOS Global Public Health*, Vol.4, No.2. pp 1-14.
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### Abubakari, A.

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### **Kpordoxah, M.R**

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### **Abdul-Karim, H**

- Abdul-Manan, S., Bavug, B. T., Abdul-Wahid, M., **Abdul-Karim, H.**, & Salifu, A. (2023). Descriptive Epidemiology of Home-Based Management of Diarrhea in Children Under Five Years: The Case of Northern Ghana. *Int J Pediatr Res*, Vol. 9, pp 122.
- Abdul-Manan, S., Abdul-Karim, H., Mahamuda, A.W. & Tahiru, A.K.M., (2023) Assessment Of Spatial Activities Around The Abattoir Using Arc Map Software: The Case Of Tamale Main Abattoir. *Epra Egei*, Vol 11.

### **Yussif, B. G**

- Mohammed, A. R., **Yussif, B. G.**, & Alhassan, M. (2024). Road safety attitude and behaviour among motorcycle riders in Ghana: A focus on traffic locus of control and health belief. *Plos one*, Vol. 19. No. 8, pp e0309117.

## Department of Environmental and Occupational Health

### Staff

| Name            | Qualification                                       | Rank/Position                        |
|-----------------|-----------------------------------------------------|--------------------------------------|
| Chirawurah, D.  | BA (Tamale, Gh), MSc (Kumasi, Gh), PhD (Tamale, Gh) | Senior Lecturer/HoD                  |
| Muktar, A. M.   | BSc (Tamale) M.Phil. (Tamale, Ghana)                | Lecturer/School Clinical Coordinator |
| Cudjoe, F. K.   | BSc (Tamale) M.Phil. (Tamale, Ghana)                | Lecturer                             |
| Mohammed, A. S. | BSc (Tamale) M.Phil. (Tamale, Ghana)                | Lecturer                             |
| Laari, S. H.    | B.Sc. (Tamale, Ghana)                               | Senior Research Assistant.           |
| Kansake, A. D.  | B.A. (Tamale, Ghana)                                | Senior Technician                    |

### Programmes offered

- MPH Environmental Health Sciences
- MSc Community Disaster Resilient Studies

### Publications

#### Chirawurah, D.

Dennis Chirawurah, Francis N. Santuah, Assessing deliberative polling methodology for decolonizing and indigenizing research (2024). In P.S. Forscher & M. Schmidt (eds), A better how: notes on developmental meta-research (pp 127-134). Busara. DOI: [doi.org/10.62372/ISCI6112](https://doi.org/10.62372/ISCI6112)

Orou-Seko, A., Chirawurah, D., Gnimatin, J. P., Pèlèbè, E. O. R., Ndago, J. A., Pwatirah, D., & Adokiya, M. N. (2024). Protocol for pesticide residue monitoring and risk assessment on water, sediment, and fish: A case study of two selected reservoirs in Ghana. *Heliyon*, 10(17).

Orou-Seko A, Chirawurah D, Houndji A, Achana F, Aputere Ndago J, Nkansah-Baidoo M, et al. (2024) Occurrence of pesticide residues and associated ecological risks assessment in water and sediment from selected dams in northern Ghana. *PLoS ONE* 19(10): e0312273. <https://doi.org/10.1371/journal.pone.0312273>

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Asumadu ODK, Boah M, Chirawurah D, Ndago JA, Yakong VN, Kanligi DA, et al. (2024) Pregnancy outcomes before and during COVID-19 pandemic in Tamale Metropolis, Ghana: A retrospective cohort study. *PLoS ONE* 19(4): e0302589. <https://doi.org/10.1371/journal.pone.0302589>

Tengepare, F.X., Chirawurah, D. & Apanga, S. Improving maternal and child nutrition services in community-based health planning and services zones in the jirapa municipality of northern ghana-challenges and strategies: the perspective of community health officers. *BMC Nutr* 10, 87 (2024). <https://doi.org/10.1186/s40795-024-00848-8>

Adabugah, Sabina and Chirawurah, Dennis and Yidana, Adadow (2024) *Adolescents Uptake of Family Planning Services during the COVID-19 Pandemic*. *Asian Journal of Medicine and Health*, 22 (7). pp. 162-173. ISSN 2456-8414

## Department of Social and Behavioral Change

### Staff

| Name            | Qualification                                                         | Rank/Position                                       |
|-----------------|-----------------------------------------------------------------------|-----------------------------------------------------|
| Alhassan, M.    | BA (Ghana), MPhil (Ghana), Dr.PH (Dusseldorf, Germany)                | Senior Lecturer/HoD                                 |
| Yidana, A.      | BA (Ghana), MSc (London, UK), PhD (Halle, Germany)                    | Associate Professor/Dean                            |
| Haruna, U.      | BA(Cape Coast), MPhil (Cape Coast), PhD (Tamale)                      | Senior Lecturer/Vice Dean of Students Tamale Campus |
| Adam, YH.       | BA (Ghana), MPhil (Oslo, Norway), PhD (Ghana)                         | Lecturer/School Academic Advisor on DCROP           |
| Mohammed, A.-R. | BA (Ghana), MSc (Moscow), PhD (Moscow)                                | Lecturer                                            |
| Santah, C.      | BA (Ghana), MPhil (Ghana), PhD (Amsterdam, Netherlands, Milan, Italy) | Lecturer                                            |
| Zakaria, H.     |                                                                       | Asst Lecturer                                       |
| Mohammed, I.    | RGND(NMTC, Tamale ), BSc(Tamale), MPhil (Tamale) FGCNM (Ghana)        | Asst Lecturer                                       |
| Ndago, J.A.     | B.A. (UDS, Tamale, Gh), M.Sc (Ghana), PGDE (UCC, Cape Coast, Gh).     | Principal Research Assistant                        |
| Yakubu, S.      | BA (Tamale) MPhil (Tamale)                                            | Asst Lecturer                                       |

### Programmes offered:

MPhil Community Health and Development

### Staff Publications

#### Alhassan M.

**Alhassan, M.,** & Alidu, S. M. (2024). The Pursuit of Doctoral Studies in an African Context. *Journal of Education, Society and Behavioural Science*, 37(6), 202–209. <https://doi.org/10.9734/jesbs/2024/v37i61339>.

Mohammed, A. R., Yussif, B. G., & **Alhassan, M.** (2024). Road safety attitude and behaviour among motorcycle riders in Ghana: A focus on traffic locus of control and health belief. *PloS one*, 19(8), e0309117. <https://doi.org/10.1371/journal.pone.0309117>

Abiiri GA, Abdul-Latif AM, Akaateba D, Braimah KRL, **Alhassan M**, Hadfield K, Hadfield K. (2024). A qualitative examination of factors influencing pregnancy-related anxiety in Northern Ghana. *Midwifery*. 22;134:104014.. PMID: 38669757. <https://doi.org/10.1016/j.midw.2024.104014>

Mohammed, A., & **Alhassan, M.** (2024). Emotional Intelligence and Resilience as Predictors of Work-Related Stress Among Health Professionals in Sub-Saharan Africa. *Psychological Thought*, 17(1), 200-219. <https://psyc.swu.bg/index.php/psyc/article/view/870>

#### Yidana A.

Salifu, L.D., and **Yidana, A.** (2024) Prevalence of suicide ideation and its associated risk factors among undergraduate students of the university for development studies, Tamale. *BMC Psychiatry* **24**, 681. <https://doi.org/10.1186/s12888-024-06155-7>

Mahama L.S. and **Yidana, A.** (2024) Predictors of Knowledge and Attitude towards Hepatitis B Infection Prevention among Women of Reproductive Age, *Universal Journal of Public Health*; 12(5): 904-917, 2024 DOI: 10.13189/ujph.2024.120513

- Britwum, P.A., Nantomah B., and **Yidana, A.** (2024) A Four-Year Retrospective Assessment of Neonatal Mortality in a Neonatal Intensive Care Unit, *International Journal of Community Medicine and Public Health*; Vol 11(8): 3032-3040 DOI: <https://dx.doi.org/10.18203/2394-6040.ijcmph20242162>
- Adabugah, S., Chirawurah, D., & **Yidana, A.**, (2024) Adolescents Uptake of family planning services during the COVID-19 Pandemic, *Asian Journal of Medicine and Health*, Vol. 22(7):162-173 DOI:<https://doi.org/10.9734/ajmah/2024/v22i71057>
- Lekuu, A. & Yidana A. (2023) Healthcare seeking behaviour of patients with chronic kidney disease in the Tamale Teaching Hospital, Ghana. *Journal of Advances in Medicine and Medical Research*, Vol. 35(20): 58-67 doi: 10.9734/JAMMR/2023/v35i205175

### **Mohammed A-R**

- Mohammed A-R**, Yussif BG, & Alhassan M (2024) Road safety attitude and behaviour among motorcycle riders in Ghana: A focus on traffic locus of control and health belief. *PLoS ONE* 19(8): e0309117. <https://doi.org/10.1371/journal.pone.0309117>
- Mohammed, A.-R.**, & Alhassan, M. (2024). Emotional Intelligence and Resilience as Predictors of Work-Related Stress among Health Professionals in Sub-Saharan Africa. *Psychological Thought*, 14(1), 200-219. <https://doi.org/10.37708/psyc.v17i1.870>
- Jurcik T, Zarembo-Pike S, Kosonogov V, **Mohammed A-R**, Krasavtseva Y, Sawada T, Samarina I, Buranova N, Adu P, Sergeev N, Skuratov A, Demchenko A and Kochetkov Y (2024) The efficacy of augmented reality exposure therapy in the treatment of spider phobia—a randomized controlled trial. *Front. Psychol.* 15:1214125. doi: 10.3389/fpsyg.2024.1214125
- Achana F, Boah M, Chirawurah D, Owusu-Marfo J, Ndago JA, Santah C, **Mohammed A-R** and Adokiya MN (2023). Equitable global health research collaborations with a mind of human dignity. *Frontiers in Education*. 8:1233018. doi: 10.3389/educ.2023.1233018.

### **Santa C.**

- Achana, F., Boah, M., Chirawurah, D., Owusu-Marfo, J., Ndago, J.A., **Santah, C.**, Mohammed, A.R., and Adokiya, M.N. (2023). Equitable global health research collaborations with a mind of human dignity. *Frontiers in Education* (8). <https://doi.org/10.3389/educ.2023.1233018>

### **Ndago, J.A**

- Orou-Seko, A., Chirawurah, D., Houndi, A., **Ndago, J.A.** Nkansah-Baidoo, M. & Adokiya, M.N. (2024). Occurrence and Associated Ecological Risks Assessment of Pesticide Residues in Water and Sediment from Selected Reservoirs in Northern Ghana. *PLOS ONE*. <https://doi.org/10.1371/journal.pone.0312273>
- Orou-Seko, A., Chirawurah, D., Nkansah-Baidoo, M., **Ndago, J.A.**, Pwahirah, D., Kolekang, A.S. & Adokiya, M.N. (2024). Farmers' pesticide uses and knowledge of aquatic ecosystem contamination with its perceived health risk from contaminated fish consumption in northern Ghana. *Scientific African*. <https://doi.org/10.1016/j.sciaf.2024.e02351>
- Orou-Seko, A., Chirawurah, D., Gnimatin, J-P., Pelebe, E.O.R., **Ndago, J.A.**, Pwahirah, D., & Adokiya, M.N. (2024). Protocol for pesticide residue monitoring and risk assessment on water, sediment, and fish: A case study of two selected reservoirs in Ghana. *Heliyon*. <https://doi.org/10.1016/j.heliyon.2024.e37251>

Asumadu, O.D.K., Boah, M., Chirawurah, D., **Ndago, J.A.**, Yakong, V.N., Kanligi, D.A. & Adokiya, M.N. (2024). Pregnancy Outcomes Before and During COVID-19 Pandemic in Tamale Metropolis, Ghana: A retrospective cohort study. *PLOS ONE*. <https://doi.org/10.1371/journal.pone.0302589>

#### **Yakubu, S.**

Salifu, A. Muktar, A. M., & **Yakubu, S.** (2023). Knowledge, Attitude and Prevalence of Snuff Use: A Descriptive Cross-Sectional Study Among Adults in the Sagnerigu Municipality of the Northern Region of Ghana. *UDS International Journal of Development*, 10(1), 160-171.

#### **Mohammed, I.**

Sattar, S., Haase, K. R., Puts, M., **Iddrisu, M.**, Chalchal, H., Souied, O., ... & Ahmed, S. (2024). Oncology care providers' perceptions and anticipated barriers regarding the use of geriatric assessment in routine clinic practice: A mixed-methods study. *Journal of Geriatric Oncology*, 15(4), 101768. <https://doi.org/10.1016/j.jgo.2024.101768>

Monne, R., **Iddrisu, M.**, Kyilleh, J. M., Ibrahim, M. M., Nashiru, A. R., Wuni, A., ... & Abdulai, A. M. (2024). Male midwifery practice and acceptability: attitudes, beliefs, and associated factors among expectant mothers in Savelugu Municipal Hospital, Northern Region of Ghana. *The Pan African Medical Journal*, 47. [doi: 10.11604/pamj.2024.47.199.42482].

Konlan, K. D., Abdulai, J. A., Saah, J. A., Doat, A. R., Amoah, R. M., **Mohammed, I.**, & Konlan, K. D. (2023). The influence of conflicts among members of the clinical team on patient care; an explorative, descriptive study, Ghana. *Journal of Global Health Science*, 5(1). <https://doi.org/10.35500/jghs.2023.5.e1>

## **SCHOOL OF PHARMACY AND PHARMACEUTICAL SCIENCES (SoPPS)**

The School of Pharmacy and Pharmaceutical Sciences is engraved on research and community service displayed in its core values which are excellence, professionalism, respect, empowerment, collaboration, and innovation.

The UDS PharmD programme is unique from other sister pharmacy programmes due to the French immersion facet that enables students to develop appropriate communication competencies in the French language and also the disability studies component giving them a competitive urge in the job market.

The philosophy and mission of the School are encapsulated in training a calibre of professionals equipped with the requisite knowledge, skills, and attitudes to take broader patient responsibilities beyond the usual dispensing.

The School currently comprises five academic Departments and a Unit which together are responsible for the accomplishment of the mission to achieve the vision of the School.

### **Departments under the School of Pharmacy and Pharmaceutical Sciences**

- Department of Pharmaceutical Chemistry
- Department of Pharmaceutics

- Department of Pharmacognosy and Herbal Medicine,
- Department of Pharmacology and Toxicology, and
- Department of Pharmacy Practice

#### Unit

- Product Research and Development Unit (PRaDU)

#### Student Population

The school's total student population currently stands at Nine Hundred and Seventy-Nine (979), constituting 591 and 388 males and females respectively.

#### Student Population by Year Group

| Year                                      | Male       | Female     | Total      |
|-------------------------------------------|------------|------------|------------|
| <b>Doctor of Pharmacy (PharmD) Degree</b> |            |            |            |
| <b>Level 100</b>                          | 60         | 49         | <b>109</b> |
| Parallel                                  |            |            | 75         |
| Regular                                   |            |            | 34         |
| <b>Level 200</b>                          | 133        | 135        | <b>268</b> |
| Parallel                                  |            |            | 183        |
| Regular                                   |            |            | 85         |
| <b>Level 300</b>                          | 182        | 92         | <b>274</b> |
| Regular                                   |            |            | 158        |
| Parallel                                  |            |            | 116        |
| <b>Level 400</b>                          | 120        | 49         | <b>169</b> |
| Regular                                   |            |            | 110        |
| Parallel                                  |            |            | 59         |
| <b>Level 500</b>                          | 64         | 45         | <b>106</b> |
| <b>Level 600</b>                          | 32         | 18         | <b>50</b>  |
| <b>Grand Total</b>                        | <b>591</b> | <b>388</b> | <b>979</b> |

#### Dean's Office

The Office of the Dean synchronizes all activities within the School and is functioned by the following categories of staff.

#### Staff

| Name           | Qualification                                | Rank/Position         |
|----------------|----------------------------------------------|-----------------------|
| Mohammed, B.S. | MPharm (Zaporozhye), MSc, Ph.D. (Aberdeen)   | Assoc. Prof./Dean     |
| Ameade, E.P. K | B. Pharm., M, Pharm (KNUST. Kumasi, Gh)      | Sen. Lect./ Vice Dean |
| Kordie, G.A.   | B.Sc. (UDS, Tamale, Gh), MPhil. M.A. (Ghana) | Assistant Registrar   |

## Department of Pharmaceutical Chemistry

### Staff

| Name                | Qualification                                                 | Rank/Position        |
|---------------------|---------------------------------------------------------------|----------------------|
| Yakubu, A.          | B.Sc., (UDS, Tamale, Gh), M.A., Ph.D. (Okayama, Japan)        | Lecturer/Acting HoD  |
| Tordzagla, N        | B.Sc., (UCC, Cape Coast, Gh), M.Sc., Ph.D. KNUST, Kumasi, Gh) | Lecturer/Lab. Coord. |
| Sosu Jerry Xola Esq | BPharm, M.Phil (KNUST, Kumasi, Gh)                            | Lecturer             |
| Osman, H.           | B.Sc., (Ghana), MPhil. (KNUST, Kumasi, Gh)                    | Lecturer             |

### Publications

#### Yakubu, A.

Donkor, A-M., Donkor, M.N., & **Yakubu, A.** (2023). Antibiotic Potency and Technical Comparison of Shea Butter-*Ricinus communis* Ointment and Standard Antibiotic, *World Journal of Pharmacy and Pharmaceutical Sciences*, Vol. 12, No. 11, pp. 849-862.

Donkor, A-M., Ahenkorah, B., **Yakubu, A.**, & Donkor, M.N. (2024). Enhancing Antibiotic Efficacy: Exploring Synergistic Interactions between Plant Extracts and Conventional Antibiotics, *Fine Chemical Engineering*, Vol. 5 No. 1 pp. 73.

## Department of Pharmaceutics

### Staff

| Name             | Qualification                                                           | Rank/Position                |
|------------------|-------------------------------------------------------------------------|------------------------------|
| Duut, L.L.       | B.Sc., M.Sc. (KNUST, Kumasi, Gh) Dip. DT (K-Poly Kumasi, Gh)            | Lecturer/Acting HoD          |
| Donkor, A-M.     | B.Sc., Dip. Ed (UCC, Cape Coast, Gh), M.Sc., Ph.D. (LIU, New York, USA) | Assoc. Professor             |
| Amankwah, D.K.F. | BT (Accra Polytechnic, Accra, Gh), M.Phil. (KNUST, Kumasi, Gh)          | Lecturer/Examination Officer |

### Publications

#### Donkor, A-M.

**Donkor, A-M.**, Donkor, M.N., & Yakubu, A. (2023). Antibiotic Potency and Technical Comparison of Shea Butter-*Ricinus communis* Ointment and Standard Antibiotic, *World Journal of Pharmacy and Pharmaceutical Sciences*, Vol. 12, No. 11, pp. 849-862.

**Donkor, A-M.**, Ahenkorah, B., Yakubu, A., & Donkor, M.N. (2024). Enhancing Antibiotic Efficacy: Exploring Synergistic Interactions between Plant Extracts and Conventional Antibiotics, *Fine Chemical Engineering*, Vol. 5 No. 1 pp. 73.

#### Amankwah, K.D.F.

**Boata, M.R., Johnson, Y.A., Osei, Y., Duah, B., Amankwah, K.D.F., Owusu, F. W. A., & Gbedema, S. Y. (2023).** Efficacy of Disinfectants Commonly Used in Some Medical Facilities in Kumasi, Ghana: *Journal of Science and Technology*, Vol. 41, No. 1 (2023), pp 65 - 81

## Department of Pharmacognosy and Herbal Medicine

### Staff

| Name            | Qualification                                                   | Rank/Position              |
|-----------------|-----------------------------------------------------------------|----------------------------|
| Ameade, E. P.K. | BPharm, MPharm (KNUST, Kumasi, Gh                               | Senior. Lecturer/Vice Dean |
| Adom, E         | B.Sc. Herbal Medicine, MPhil. Pharmacognosy (KNUST, Kumasi, Gh) | Lecturer/Acting HoD        |

### Publications

#### Ameade, E. P. K.

- Ameade, E. P. K.**, Zakaria, A. P., Abubakar, L., Sandow, R., Abagna, L. A., & Adom, E. (2024). Edible plants used during pregnancy and how they contribute to supporting the health of mother and foetus – a study in Northern Ghana. *International Journal of Complementary & Alternative Medicine*, 17(2), 119 – 133.
- Ameade, E. P. K.**, Attuquayefio, D. K., Gbogbo, F., Adusei-Sarkodie, J., Ofori, B. Y., Gbedema, S., Bayo, E., & Adom, E. (2024). Predictors of use of Animal-based Traditional Medicines as First Choice Medication when Unwell Amid Abundant Herbal and Orthodox Medicines–A Study in Ghana. *Wor Jour of Medic and Heal Care* 2 (1), 01, 10.
- Helegbe, G. K., Woode, E. B., **Ameade, E. P. K.**, & Aryee, P. A. (2023). Psychosocial Burden of Diabetes Mellitus on Persons Living with Diabetes (PLWD) in the Tamale Metropolis of Ghana. *Journal of Ghana Science Association*, 21(2), 33-43.
- Sarfo-Antwi, F., Larbie, C., & **Ameade, E. P. K.** (2023). Phytochemical, Antioxidant, and Toxicological Assessment of *Balanites aegyptiaca* Leaves Extract in Rats. *J Altern Complement Integr Med* 9: 416.

#### Adom. E.

- Ameade, E. P. K., Zakaria, A. P., Abubakar, L., Sandow, R., Abagna, L. A., & **Adom, E.** (2024). Edible plants used during pregnancy and how they contribute to supporting the health of mother and foetus – a study in Northern Ghana. *International Journal of Complementary & Alternative Medicine*, 17(2), 119 – 133.
- Ameade, E. P. K., Attuquayefio, D. K., Gbogbo, F., Adusei-Sarkodie, J., Ofori, B. Y., Gbedema, S., Bayo, E., & **Adom, E.** (2024). Predictors of use of Animal-based Traditional Medicines as First Choice Medication when Unwell Amid Abundant Herbal and Orthodox Medicines–A Study in Ghana. *Wor Jour of Medic and Heal Care* 2 (1), 01, 10.
- Amponsah, M. P., Ayang, A. J., Atawalna, J., Emikpe, B. O., Abiliba, D., Dongbataazie, E. P., **Adom, E.**, & Asare, A. D. (2023). Testicular morphometry and epididymal sperm qualities of donkeys in Bolgatanga, Ghana. *European Journal of Anatomy*, 28(1), 25-31.

## Department of Pharmacology and Toxicology

### Staff

| Name           | Qualification                                                               | Rank/Position         |
|----------------|-----------------------------------------------------------------------------|-----------------------|
| Aidoo M.       | B. Pharm, M.Phil. (KNUST, Kumasi, Gh)                                       | Lecturer/ Acting HoD  |
| Kombian S.B.   | B. Pharm (UST, Kumasi, Gh); Ph.D (U of Alberta, Edmonton, Canada)           | Professor             |
| Mohammed, B.S. | MPharm (Zaporozhye), MSc, Ph.D. (Aberdeen)                                  | Assoc. Prof./Dean     |
| Badii V.S.     | B. Pharm, M.Phil. (KNUST, Kumasi, Gh)                                       | Lecturer              |
| Daanaa S.      | Bsc. Nursing (UCC, Cape Coast, Gh) M.Phil. Pharmacology (KNUST, Kumasi, Gh) | Lecturer/DCROP Coord. |

## Publications

### Mohammed, B.S

- Helegbe G.K., Abdullah.S.J., & **Mohammed, B.S.** (2023). "Dyslipidemias: Prevalence and Associated Factors among Lactating Women in a Lower- and Middle-Income Country, Ghana", *Journal of Lipids*, vol. 2023, Article ID 6280494, 16 pages, 2023. <https://doi.org/10.1155/2023/6280494> xxx
- Helegbe, G.K., Aryee, P., & **Mohammed B.S.** (2023). Pre-term Delivery and Neonatal Deaths among Anaemic Pregnant Women in the Bolgatanga Metropolis of Ghana. *Anemia*, Article ID 9865224 | <https://doi.org/10.1155/2023/9865224>
- Kuganab-lem, R., Eliasu, Y., Ameade, E.P.K., Aryee, P.A., **Mohammed, B.S.**, Boakye-Yiadom, A., Mahamah, B.E., & Lotsu S.A. (2023). Factors associated with default in TB treatment outcomes in the Bole District of Ghana: A cross-sectional study. *Journal of Medical and Biomedical Sciences*. 9 (1), 35-51

## Department of Pharmacy Practice

### Staff

| Name                | Qualification                                                                                                                       | Rank/Position                    |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Danaah Malick, M.M. | MPhil (UCAM, Camaguey, Cuba), Pharm. D (UF, Florida, U.S.A), FGCP Pharm (GCP, Accra, Ghana)                                         | Sen. Lecturer/HoD                |
| Amalba, A.          | MSc (Pharm.), Ukraine, MHPE (Maastricht, the Netherlands, MSc (Clin. Pharm), Kumasi, FPCPharm, FGCPs, PSGH, CPA, Ph.D. (Maastricht) | Assoc. Prof.                     |
| Akumanue, C.A       | BPharm, PharmD, MSc. (KNUST, Kumasi, Gh.), Lecturer/QA Officer M.A. (UDS, Wa, Gh.), MGCP Pharm (GCP, Accra, Ghana)                  | Lecturer/Skills Lab. Coordinator |

## Publications

### Danaah Malick, M.M.

- Danaah Malick M. M.**, Balvant N. R., Fuseini R. N., Bamaalabong. P. P. & Akumanue C. (2023). Knowledge of Ghana Abortion Laws and Factors Hindering Access to Safe Abortion Services by Female Students at the University for Development Studies (UDS). *Journal of Gynecology and Obstetrics*. 11(3): 56-60.

### Akumanue C.

- Danaah Malick M. M., Balvant N. R., Fuseini R. N., Bamaalabong. P. P. & Akumanue C. (2023). Knowledge of Ghana Abortion Laws and Factors Hindering Access to Safe Abortion Services by Female Students at the University for Development Studies (UDS). *Journal of Gynecology and Obstetrics*. 11(3): 56-60.

## Department- Registry

### Kordie, G.A.

- Kordie, G.A.**, Dukper, L.L. & Azuure T. A. (2023). Impact of Staff Development Programmes on Productivity: The Case of Tamale Campus of University for Development Studies: *Ghana Journal of Higher Education Management*. (9): 38-49

## FACULTY OF EDUCATION

The Faculty of Education (FoE) offers programmes that are geared towards addressing the educational, administrative and management challenges need in education, promoting the quality of teaching, learning and research for national development. These programmes are designed to respond to contemporary teaching, learning, knowledge dissemination and research for community development. The Faculty currently has nine (9) Departments, eight (8) in Tamale and one (1) in Nyankpala with a total staff capacity of eighty-two, comprising fifty-nine (59) teaching staff and twenty-three (23) professionals and administrative staff of Ph.D, Masters, Degrees and various professional qualifications.

### The Departments are as follows:

1. Department of Humanities and Social Science Education
2. Department of Agriculture and Consumer Science Education
3. Department of Basic Education Studies
4. Department of Educational Foundations Studies
5. Department of Health Science Education
6. Department of Educational Management and Policy Studies
7. Department of Mathematics and ICT Education
8. Department of Science Education
9. Department of Business Education

### The Faculty also has three (3) Units:

1. The Professional Education Practice Unit
2. The Centre for Educational Innovation and Leadership
3. Colleges of Education Affiliation

### Office of the Dean

#### Staff

| Name                  | Qualification                                                  | Rank/Position                            |
|-----------------------|----------------------------------------------------------------|------------------------------------------|
| <i>Ibrahim, M. G.</i> | <i>B.Ed. (UCC, Cape Coast, Gh.), M.A (Ghana), PhD. (Keele)</i> | <i>Asso Prof / Dean</i>                  |
| <i>Abudu, A. M.</i>   | <i>B.Ed., M.Phil., PhD. (UCC, Cape Coast, Gh.)</i>             | <i>Senior Lecturer/Vice Dean</i>         |
| <i>Rashid, Y.</i>     | <i>HND., M.A. (Bradford)</i>                                   | <i>Assist. Registrar/Faculty Officer</i> |
| <i>Muniratu B.</i>    | <i>HND. BEd. MBA. (Ghana)</i>                                  | <i>Jnr Assist. Registrar</i>             |

### Activities, Meetings and Interactions

- Jan. 2024 Postgraduate Seminar Presentation
- Jan. 2024 Teaching Practice: Enhancing Deficiency in our Supervision
- Mar. 2024 First Trimester Examination.
- Apr. 2024 Meeting with National Teaching Council (NTC).
- Apr. 2024 Appointments and Promotions Committee (APC) Meeting
- May. 2024 Briefing on new GTEC Standard Based Curriculum for Senior High School
- May. 2024 Special PGDE Sandwich Programme with T-TEL

- May. 2024 Admission of Students on the Advancing Partnerships for Improved Learning (APIL)
- May. 2024 Commenced Access Course and Lectures (APIL).
- June. 2024: FoE Management Meeting with Internal Audit (IAA) on University System Audit.
- June. Advance Partnership to Improve Learning – UDS 2023/2024 Academic Year
- July. 2024 End of Second Trimester Examination
- July. 2024 Examination Malpractice Committee Meeting
- Aug. 2024 Partnership meeting with APIL Team.
- Aug. 2024 SHS Curriculum Development
- Sept. 2024 Special Resit Examination
- Sept/Oct. 2024 Monitoring visits to APIL learning Centres.
- Oct. 2024 National Political Parties’ Dialogue on Educational Policy in Ghana
- Oct. 2024: Colleges of Education Affiliation Conference Marking
- Oct. 2024 Monitory and Supervision of Colleges of Education Affiliation

## Department f Humanities and Social Sciences Education

### Staff

| Name               | Qualification                                                                      | Rank/Position         |
|--------------------|------------------------------------------------------------------------------------|-----------------------|
| Abdulai, R.        | B.Ed., M.Phil. (UCC, Cape Coast, Gh)                                               | Lecturer /Coordinator |
| Nyatsikor, M.K.G.  | B.Ed., M.Phil. (UCC, Cape Coast, Gh), PhD (Aberdeen, UK).                          | Lecturer              |
| Bariham, I.        | B.Ed., M.Ed. (UEW, Winneba, Gh), PhD (Nairobi, Ken).                               | Lecturer              |
| Awudu, R.          | B.Ed., M.Phil. (UCC, Cape Coast, Gh).                                              | Lecturer              |
| Abdul-Mumin, M. Z. | B.A (Madina –SA), M.A (Malaysia) Arabic as 2 <sup>nd</sup> Language. PhD           | Lecturer              |
| Nindow, M.O.       | B.A., M.Phil. (UEW, Winneba, Gh)                                                   | Asst. Lecturer        |
| Abire, S.A.        | B.Ed., M.Ed. M.Phil.(UEW, Winneba, Gh)                                             | Asst. Lecturer        |
| Fuseini, I         | B.Ed., (UEW, Winneba, Gh), M.Phil. (KNUST, Kumasi, Gh)                             | Asst. Lecturer        |
| Inusah, A. R.      | B.Ed., (UEW, Winneba, Gh), M. A. (UG, Ghana), M.Phil, (UG, Ghana), PhD (UG, Ghana) | Lecturer              |

### Publications

#### Abire, S. A.

Dable, G.S., & **Abire, S.A.** (2022). Use of chimeric expression as last resource of unfortunate situation in Calixthe Beyala’s *C’est le Soleil Qui M’a Brulée* and *Tu t’appelleras Tanga*. *Western African Literary and Cultural Studies*.2, (1).

**Abire, S.A.** Afari, E.S.K. & Kodah, M.K. (2022). Mensonges des hommes politiques africains dans "En attendant le vote des bêtes sauvages d’Ahmadou Kourouma. *Collection FLE/FLA*,3, (5):53-62. Kenyatta University, Kenya.

**Abire, S.A.** & Dable, G.S. (2023). Satiric voice of African griot denouncing political demagoguery in Ahmadou Kourouma’s *En attendant le vote des bêtes sauvages*. *Akonfena, Revue scientifique des sciences du langage, Lettres, Langues & Communication*. D.O.I: <https://doi.org/10.48734/akonfena. n009V2.2023>

**Dr. Bariham I.**

- Alhassan, S., Bariham, I., & Olu, E. L. (2024). Effects of Front Desk Staff Service Quality on Customer Satisfaction in Some Selected Hotels in Tamale Metropolis. *Advances in Social Sciences Research Journal*, 11(2), 471–485. <https://doi.org/10.14738/assrj.112.16255>
- Bariham, I., Evadzi, C., & Gunu, I. (2024). Effects of Heads of School Instructional Leadership Practices on Job Satisfaction of Senior High Schools Teachers’ in the North East Region of Ghana. *International Journal of Social Science Research and Review*, 7(2), 11-24. <https://doi.org/10.47814/ijssrr.v7i2.1837>.
- Bariham, I., Wadudu, M. A., & Awolu, F. (2023). Impact of ICT Training on Junior High School Teachers' Performance in Teaching Mathematics in Tamale Metropolis. *Advances in Social Sciences Research Journal*, 10(12), 407-418. <https://journals.scholarpublishing.org/index.php/ASSRJ/article/view/16132>
- Sarah, M., Bariham, I., & Quansah, J. Y. D. (2023). Impact of Headteachers’ Leadership Styles on Teachers’ Job Performance in Sagnarigu Municipality in Northern Region of Ghana. *Social Education Research*, 4(2), 276-291. <https://ojs.wiserpub.com/index.php/SER/article/view/2903/1572>

**Dr. Inusah, Abdul-Razak**

- Inusah, A. (2024). Coronal assimilation in Dagbani. *ISRG Journal of Education, Humanities & Literature*. 1(4), 42-5.
- Inusah, A. (2024). Syllable structure in Sɛlɛɛ. *Canadian Journal of Languages and Literature Studies*. 3(6), 1-13.
- Mahama, E. S. & Inusah, A. (2023). Vowel harmony in Dagbani Dialects. *Canadian Journal of Languages and Literature Studies*. 4(1), 35-47.

**Department of Educational Foundations Studies****Staff**

| Name           | Qualification                                                                         | Rank/Position                |
|----------------|---------------------------------------------------------------------------------------|------------------------------|
| Iddrisu, S. A  | PhD, Mphil (UCC, Cape Coast), B.ED, (UEW, Winneba, Gh)                                | HoD/Snr Lecturer/DoEFs       |
| Issaka, C. A.  | PhD, M.Phil. (UEW, Gh)                                                                | Senior Lecturer              |
| Mahama, A.     | B.ED., (UDS, Tamale, Gh), M.Phil. (UDS, Tamale, Gh).                                  | Lecturer/Exams Officer, IDCL |
| Iddrisu, R. O. | MPhil. (UCC, Cape Coast, Gh), B.Ed., (VVU, Accra, Gh), Dip. Ed. (UCC, Cape Coast Gh). | Lecturer                     |
| Nyame, I.      | Ph.D. (UCC, Gh)                                                                       | Lecturer                     |
| Mahama, J.K.   | Ph.D. (UCC, Gh)                                                                       | Lecturer                     |
| Evadzi, C.     | Ph.D. (UCC, Gh)                                                                       | Lecturer                     |
| Bonituo, E. K. | Ph.D (UCC, Gh)                                                                        | Lecturer                     |
| Osman, A. A.   | M.Phil. (UEW, Gh)                                                                     | Lecturer                     |
| Issahaku, J.   | Mphil. (UCC, Gh)                                                                      | Lecturer                     |
| Agoke, W.      | Mphil. (UDS, Gh)                                                                      | Lecturer                     |
| Iddrisu, R.    | Mphil. (UCC, Gh)                                                                      | Lecturer                     |
| Mohammed, A.   | Mphil. (UCC, Gh)                                                                      | Lecturer                     |

**Programmes Offered**

- MED/MPHIL EDUCATIONAL MEASUREMENT AND EVALUATION
- MED/MPHIL GUIDANCE AND COUNSELLING
- MED/MPHIL SPECIAL EDUCATION
- POSTGRADUATE DIPLOMA IN EDUCATION(PGDE) [SANDWICH]

**Student Population by Programme and Gender**

| Programme                                    | Graduate Programmes |        |        | Total |
|----------------------------------------------|---------------------|--------|--------|-------|
|                                              | Level               | Gender |        |       |
|                                              |                     | Male   | Female |       |
| MPHIL EDUCATIONAL MEASUREMENT AND EVALUATION | L.500               | 4      | 1      | 5     |
|                                              | L600                | 11     | 2      | 13    |
| MED EDUCATIONAL MEASUREMENT AND EVALUATION   | L500                | 2      | 0      | 2     |
| MPHIL GUIDANCE AND COUNSELLING               | L.500               | 10     | 5      | 15    |
|                                              | L.600               | 7      | 4      | 11    |
| MED GUIDANCE AND COUNSELLING                 | L. 500              | 3      | 1      | 4     |
|                                              | L.500               | 5      | 3      | 8     |
| MPHIL SPECIAL EDUCATION                      | L.600               | 2      | 5      | 7     |
| POSTGRADUATE DIPLOMA IN EDUCATION(PGDE)      | L500                | 14     | 5      | 19    |
| Overall Total                                |                     | 58     | 26     | 84    |

**Publications****Iddrisu, S. A (HoD)**

- Abukari, U. S., Iddrisu, R. O., & **Iddrisu, S. A.** (2024). Test equating using linear equating method. *Advances in social sciences research journal*, 11(3). 105-112.
- Iddrisu, H. M., & **Iddrisu, S. A.** (2024). Predictive validity of first year cumulative GPA over the final cumulative GPA of Basic Education Graduates. *European journal of science, innovation and technology*, 4(4), 243 -257.
- Iddrisu, A. S.** (2023). Validation of mentee-teachers' assessment tool within the framework of generalizability theory at the Faculty of Education, University for Development Studies. *Advances in social sciences research journal*, 10 (7), -128.104
- Bello, Z. M., & **Iddrisu, A.S.** (2023). An Assessment of the availability and usage of instructional materials in teaching at the basic schools in the Tamale metropolis. *International Journal of Social Science Research and Review*, 6(7), 591-608. <https://doi.org/10.47814/ijssrr.v6i7.1424>

**Mahama, A.**

- Alimatu, I. C. & **Mahama, A.** (2024). Reshaping Perspectives: Addressing Bullying and Social Stigma at Dakpema Mainstream School in the Tamale Metropolis. *African Journal of Education, Science and Technology*, Vol. 7, No. 4.
- Abdul-Mumeen, I., Abdulai, A., Issaka, C. A. and **Mahama, A.** (2023). Science Education, Curricula and the Hearing Impaired. *African Journal of Chemical Education*, 13(3), 135-162.

Mahama, A., Issaka, C. A., & Iddrisu, A. M. (2023). A Review of Ghana’s Teacher Education Curricula and the Special Child: The Missing Links. *African Journal of Humanities and Contemporary Education Research*, 11(1), 19–32.

Alimatu, I. C., Mahama, A. & Abu, F. I. (2023). Examining the Snags of Access to Covid-19 Information among the Deaf Community in Ghana. *International Journal of Research and Innovation in Social Science*, 06(04), 654–662.

#### **Iddrisu, R. O**

Abukari, U. S., Iddrisu, R.O., & Iddrisu, S. A. (2024). Test equating using linear equating method. *Advances in Social Sciences Research Journal*, 11(3), 105-112

#### **Evadzi, C**

Iddrisu, B., Evadzi, C., & Gunu, I. (2024). Effects of heads of school instructional leadership practices on job satisfaction of senior high school teachers in North East Region of Ghana. *International Journal of Social Science Research and Review*, 7(2), 11-24.

#### **Kankpog, E. B.**

Kankpog, E. B. (2024). Influence of students’ personal characteristics on their tendency to forgive. *UDS International Journal of Development (UDSIJD)*, 11 (1), 1105-1113.

Kankpog, E. B., Sulemana, M., & Issaka, C. A. (2024). Influence of professional learning communities on teacher professional development in basic schools in Tamale Metropolis. *Journal of Education and Practice*, 8 (7), 70-87.

Kankpog, E. B., Awabil, G., & Akosah, J. C. (2024). Gender, age and marital status differences in anger expression among Tumu College of education students. *Journal of Education and Practice*, 15 (4), 20-26

Kankpog, E. B., Awabil, G. (2023). Effects of process and REACH therapies on forgiveness among college students with hurts in Ghana. *International Journal of Education and Research*, 11 (11), 39-52.

### **Department of Health Science Education**

#### **Staff**

| <b>Name</b>  | <b>Qualification</b>                               | <b>Rank/Position</b> |
|--------------|----------------------------------------------------|----------------------|
| Abasimi, E.  | B.A., M. Phil., Ph.D. (Ghana), Ph.D. (Nenu, China) | Senior Lecturer/HoD  |
| Mohammed, I. | B. Ed., (UDS, Gh), M. Phil. (KNUST, Gh)            | Lecturer             |
| Tibil Mary   | HND (Tamale)                                       | Admin. Assistant     |

#### **Programmes Offered**

| <b>Qualification</b>                         | <b>Status</b>         |
|----------------------------------------------|-----------------------|
| M.Ed. Health Science Education               | Accredited            |
| M.Phil. Health Science Education             | Accredited            |
| Physical Education and Recreational Sciences | Pending accreditation |

**Publications****Abasimi Edward**

Kangpong, E. B, Alidu, M.A, Abasimi, E. & Wuripe A. (2024). Evaluating the Influence of In-service Training on the Job Performance of Teaching Staff of Colleges of Education in the Northern Region of Ghana. *Journal of Education and Practice*, ISSN (Paper) 2222-1735 ISSN (Online) 2222-288.

**Student Population**

| Programme                      | Male | Female | Total |
|--------------------------------|------|--------|-------|
| MPhil Health Science Education | 3    | 2      | 5     |
| M.Ed. Health Science Education | -    | -      | -     |

**Department of Business Education (Tamale Campus 'B')****Staff**

| Name         | Qualification                                 | Rank/Position        |
|--------------|-----------------------------------------------|----------------------|
| Mohammed, I. | B.Ed., M.Phil., Ph.D. (Mthatha, South Africa) | Senior Lecturer/ HoD |
| Wuripe, A.   | B.A., MA., Ph.D. (Izmire, Turkey)             | Lecturer             |

**Programme**

Bachelor of Education in Business Studies

**Students' Enrolment for the 2023/2024 Academic year****M.Ed.**

| Year         | Male      | Female    | Total      |
|--------------|-----------|-----------|------------|
| Level 100    | 31        | 10        | 41         |
| Level 200    | 10        | 02        | 12         |
| Level 300    | 26        | 14        | 40         |
| Level 400    | 12        | 08        | 20         |
| <b>Total</b> | <b>79</b> | <b>34</b> | <b>113</b> |

**Publications:****Mohammed, I.**

Mohammed, I. Cishe, E. N. Lukman, Y. (2023). School District and Teacher-Related Barriers to Continuous Professional Learning and Development through University Education. *PONTE International Journal of Sciences and Research*, 79 (5): 2-16

Mohammed, I. Abdulai, N. and Suhuyini, B. H. Adam. (2023). Inhibitors of Positive Interpersonal Relationships among Teachers. *South Asian Res J Human Soc. Sci*, 5 (3), 55-64.

Mohammed, I., and Abdulai, R. (2022). Factors Affecting Secondary School Teachers' Motivation in the Elliotdale Circuit, South Africa. *African Educational Research Journal*, 10(3): 211-218.

Lukman, Y., Gobingca, Z. and Mohammed, I. (2022). Analysing the Variables that Cause Conflict among Secondary School Teachers: Interpretivists Perspectives. *PONTE International Journal of Sciences and Research*, 78 (2): 26-36.

- Mahama, A. Mohammed, I. and Gunu, M. I. (2022). Aligning the Working Needs of Teachers to Continuing Professional Development Programmes in the Nanumba North District of Ghana: Interrogation within the Ambience of Policy and Practice. *European Journal Of Education and Pedagogy*. 3 (1):7-15
- Mohammed, I. Abdulai, R. and Seidu, A. A. (2022). Constraints and Restrictions to Community Participation in School Developments at Primary Schools in the Sagnarigu Municipal, Ghana. *Journal of Educational Review*, 14 (1):41-51
- Abdulai, R. Mohammed, I. and Bidzakin, V. K. (2022). Supervisory Practices in Schools: Antidotes to Deficiency in Teacher Professional Development and Pedagogical Competence at Junior High Schools in the Kumbungu District, Ghana. *Journal of Educational Review*, 14 (1): 52-62

### Centre for Educational Innovation and Leadership (CEIL)

The Centre for Educational Innovation and Leadership (CEIL) is a unit under the Faculty of Education. This Centre was established to provide innovative Continuous Professional Development (CPD) Programmes for Education Workers (including Teachers, School Leaders and Staff of Educational Organisations), research and partnerships. An overview of what we do as a centre.

- **Partnership:** We seek to facilitate partnerships with organisations to ensure effective teaching, and engaged learning at all levels of educational systems in Ghana. We support student learning that are aligned with the concept of inclusivity.
- **Innovation:** We facilitate a culture of scholarly, evidence-based, and reflective experimentation to improve student learning in all instructional formats at all levels of the educational system.
- **Leadership:** We train and advocate for evidence-based leadership at all levels of our educational system.
- **Educational research and Evaluation:** We conduct research and disseminate innovative, data-driven instructional practices. We support evaluation of outcomes across the University system.
- **Continuous Professional Development Programmes:** We to provide innovative Continuous Professional Development (CPD) Programmes for Education Workers (including Teachers, School Leaders and Staff of Educational Organisations).
- **Networking:** Network with global education actors to organise seminars, forums, debates, presentations and celebrate international days related to education and welfare of children and adults.
- **Sandwich and Weekend Programmes Operations Support:** We partner with Departments and educational Institutions to plan and provide a supportive learning environment for the creation and administration of engaging and high-quality educational programmes.

### Staff

| Name            | Qualification                                 | Rank/Position |
|-----------------|-----------------------------------------------|---------------|
| Wuripe, A.      | B.A., MA., Ph.D. (Izmir, Turkey)              | Lecturer      |
| Abdulai, N.     | Dip. B.E., B.ED. M.Phil. (UDS, Tamale, Ghana) | Lecturer      |
| Anaadumba, H.Z. | Dip. B.E., B.ED., M.Phil (UDS, Tamale, Ghana) | Lecturer      |

**Activities Undertaken:**

- The Centre coordinates and supervises the teacher licensure examination organised by National Teaching Council.
- Northern Section Dialogue on Low Educational Outcomes in Northern Schools: The Role of Gender, Transformative Education organized CEIL in Partnership NORSAC and Oxfam in December, 2022.
- The Centre in November 2022, was able to organized Continuous Professional Development sessions for teachers in Nantong District, Karaga District and Savelugu Municipality in Northern Region.

**Publications**

- Mohammed, I. Abdulai, N. and Suhini, B. H. Adam. (2023). Inhibitors of Positive Interpersonal Relationships among Teachers. *South Asian Res J Human Soc Sci*, 5 (3), 55-64.
- Abdulai, N., & Carvajal., A. L. (2023). Examining the Relationship Between Job Satisfaction and Personality Traits Among Professors in a Public University in Ghana. *Interdisciplinary & New Educational Discoveries of ETCOR Educational Research Center*, II (2), 388-396.
- Abdulai, N. & Carvajal., A. L (2023). Economic Growth and Education Nexus: A Comparative Study of Two Selected Countries. *Interdisciplinary & New Educational Discoveries of ETCOR Educational Research Center*, II (2).

**Professional Education Practice Unit (PEPU)**

| Name              | Qualification                        | Rank/ Position       |
|-------------------|--------------------------------------|----------------------|
| Addo-Kissiedu, K. | B.Ed., M.Phil. (UCC, Cape Coast, Gh) | Lecturer/Coordinator |

**FACULTY OF SUSTAINABLE DEVELOPMENT STUDIES**

The Faculty of Sustainable Development Studies (FoSDS) at the University for Development Studies was established on October 1, 2020. The mandate of the Faculty is to provide teaching and learning services, conduct research, and render community services in the area of development studies. The Faculty aims to become a leader in scholarship that promotes creativity, innovation, and sustainability at the community, national, and international levels. It prioritises high-impact teaching and learning through various tools, including community and industry engagement, local, national, and international exchanges, and practical learning approaches.

The Faculty has five academic departments as follows:

- Department of Community Development Studies (DoCDS)
- Department of Development Management and Policy Studies (DoDMPS)
- Department of Peace and Security Studies (DoPSS)
- Department of Planning and Land Administration (DoPLA)
- Department of Sustainable Development Studies (DoSDS)

The DoDMPS, the foundation Department of the Faculty, offers a Diploma, Bachelor's degree, and MA and MPhil in Development Education Studies. The Ghana Tertiary Education Commission (GTEC) has approved the department's PhD programme in Development Studies, set to commence in the 2024/2025 academic year. The DoCDS also offers a BA in Community Development Studies, and Gender and Development Studies. In addition, the DoPLA offers a BSc in Planning and Land Administration. Similarly, the DoSDS offers a BA in Sustainable Development Studies. Finally, the DoPSS will mount a BA in Conflict, Peace, and Security Studies in the 2025/2026 academic year. All the Departments without postgraduate programmes will mount those programmes in the 2025/2026 academic year as well.

It is worth noting that all the programmes run by the Faculty are duly accredited by the Ghana Tertiary Education Commission (GTEC).

The Faculty has a total of 63 staff, including 55 Senior Members and eight Senior Staff.

### Student Population by Gender

| Programme                                             | Male       | Female     | Total        |
|-------------------------------------------------------|------------|------------|--------------|
| Diploma in Development Education Studies              | 112        | 53         | 165          |
| B.A. Development Education Studies                    | 486        | 327        | 813          |
| B.A. Community Development Studies                    | 17         | 21         | 38           |
| B.A. Gender and Development Studies                   | 3          | 9          | 12           |
| B.Sc. Planning                                        | 68         | 27         | 95           |
| B.Sc. Land Administration                             | 17         | 15         | 32           |
| B.Sc. Sustainable Development Studies                 | 14         | 10         | 24           |
| Master of Philosophy in Development Education Studies | 9          | 6          | 15           |
| <b>Grand Total</b>                                    | <b>726</b> | <b>468</b> | <b>1,194</b> |

### Office of the Dean

| Name           | Qualification                                                                                                           | Rank/Position                               |
|----------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| Achanso, A.S.  | B.A. (Ghana), Ph.D. (Lincoln, UK)                                                                                       | Asso. Prof./Dean                            |
| Mohammed, A-R. | B.A. (Ghana), M.Sc. (London, UK), Ph.D. (Sheffield, UK)                                                                 | Senior Lecturer/Vice-Dean                   |
| Mensah, M.A.   | Dip. Ed., B.Ed. (UEW, Winneba, Gh), M.Phil. (UCC, Cape Coast, Gh), Ph.D. (ECU, Perth, Australia), ChPA, CMC (Accra, Gh) | Senior Assistant Registrar/ Faculty Officer |
| Amoro, A.      | B.A. (Sunderland, UK), PG Dip. (LCMIT, UK) MBA (QMU, Edinburgh, UK), ICA (Gh) (P/Qual.)                                 | Faculty Accountant                          |

## Department of Community Development Studies

### Staff

| Name           | Qualification                                                                                           | Rank/Position                                   |
|----------------|---------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| Bukari, F.I.M. | B.A., M.Phil. (UDS, Tamale, Gh), Ph.D. (UCC, Cape Coast, Gh).                                           | Senior Lecturer/ HoD                            |
| Duorinaah, E.  | B.A. (Ghana), M.A. (UCC, Cape Coast, Gh), Post Grad. Dip. (ISS, The Hague, NL), Ph.D. (UDS, Tamale, Gh) | Lecturer/Coordinator, Graduate Programmes       |
| Pealore, Z.    | B.A. (UDS, Tamale, Gh), M.Sc. (Stuttgart, Germany), Ph.D. (UDS, Tamale, Gh)                             | Lecturer/ Coordinator, Research and Grants Unit |
| Mumin, A.A.    | B.A. (Ghana), MA., Ph.D. (KNUST, Kumasi, Gh)                                                            | Lecturer                                        |
| İbrahim, R.    | B.A., M.Phil. (UDS, Tamale, Gh)                                                                         | Lecturer                                        |
| Abagre, C.I.   | B.A., M.Phil. (UDS, Tamale, Gh)                                                                         | Lecturer                                        |
| Marley, G.N.   | B.A. (UDS, Tamale, Gh), M.Phil. (UCC, Cape Coast, Gh)                                                   | Lecturer                                        |
| Sulemana, T.A. | B.A., M.Phil. (UDS, Tamale, Gh)                                                                         | Lecturer                                        |
| Agalga, S.     | B.A., M.Phil. (UDS, Tamale, Gh)                                                                         | Lecturer                                        |
| Gyasi, K.A.    | B.A. (Ghana), M.Phil. (UDS, Tamale, Gh), Dip. Ed. (UEW, Winneba, Gh)                                    | Assistant Lecturer                              |

### Publications

#### Bukari, F.I.M.

Mensah, J.N. & **Bukari, F.I.M.** (2024). Females’ engagement in gamamsey and its effects on household livelihoods in Ghana: a case of Manso Ayirebikrom in Amansie South District. *Ghana Journal of Development Studies*, 21 (1), 62-78. Doi: 10.4314/gjds.v21i1.4

**Bukari, F.I.M.**, Authur, D.D. & Pealore, Z. (2024). Social aspects of groundwater use and management in the Wa West District. Ghana. *Ghana Journal of Geography*, 16 (2), 39-51. Doi: 10.4314/gjg.v16i2.5

**Bukari, F.I.M.**, Ziblim S.D. & Aabeyir, R. (2024). Geological and hydro-chemical characterisations of groundwater resources in the Wa municipal district. *Sustainable Social Development*. 2(1); 1-31. Doi: 10.54517/ssd.v2i1.2344.

#### Duorinaah, E.

**Duorinaah, E.**, Achanso, A.S. & Hafiz, M.M. (2024). Environmental Considerations of Alternative Livelihoods for Women in Cocoa and Shea Communities in Ghana. *Human Ecology*, 1-10. <https://doi.org/10.1007/s10745-024-00531-3>

**Duorinaah, E.**, Nanko, G. D., & Kala, M. (2024). Follower Response and Leader Effectiveness in Selected Public Basic Schools in Ghana. *African Journal of Empirical Research*, 5(3), 733-747. <https://doi.org/10.51867/ajernet.5.3.63>

**Duorinaah, E.**, Achanso, A.S., & Bayan, M. (2024). Women with Disability and Voting Rights in the Northern Region of Ghana. *European Journal for Science, Innovation and Technology*, 4(1) 305-314

#### Pealore, Z.

Bukari, F.I.M., Authur, D.D. & **Pealore, Z.** (2024). Social aspects of groundwater use and management in the Wa West District. Ghana. *Ghana Journal of Geography*, 16 (2), 39-51. Doi: 10.4314/gjg.v16i2.5

## Department of Development Management and Policy Studies

### Staff

| Name             | Qualification                                                                            | Rank/Position                  |
|------------------|------------------------------------------------------------------------------------------|--------------------------------|
| Musah, B. I.     | B.A., M.A. (Ghana), M.Phil. (Bergen, Norway),<br>Ph.D. (Justus-Liebig, Giessen, Germany) | Lecturer/HoD                   |
| Achanso, A.S.    | B.A. (Ghana), Ph.D. (Lincoln, UK)                                                        | Asso. Prof./Dean               |
| Mohammed, A-R    | B.A. (Ghana), M.Sc. (London, UK), Ph.D.<br>(Sheffield, UK)                               | Senior Lecturer/Vice-Dean      |
| Adusei, R.       | B.Sc., M.Phil. (UDS, Tamale, Gh)                                                         | Lecturer/Faculty Exams Officer |
| *Majialuwe, K.E. | B.A., M.Phil. (UDS, Tamale, Gh)                                                          | Lecturer/Coordinator, DCROP    |
| Abdulai, A.M.    | B.A. (Ghana), M.Hsc. (IIUM, Malaysia), Ph.D.<br>(UKM, Bangi, Malaysia)                   | Lecturer                       |
| Ibrahim, A.I.    | B.A., M.Phil. (UDS, Tamale, Gh)<br>B.A. (UDS, Tamale, Gh), M.Sc. (KNUST,<br>Kumasi, Gh)  | Lecturer                       |
| Al-hassan, Y.D.  | B.A. (UDS, Tamale, Gh), M.Phil. (Ghana)                                                  | Lecturer                       |
| Nahyi, J.A.      | B.A., M.Phil., (UDS, Tamale, Gh)                                                         | Lecturer                       |
| Agamba, M.A.     | B.A. (UDS, Tamale, Gh), M.Sc. (KNUST, Kumasi,<br>Gh)                                     | Lecturer                       |
| Dei, D.          | Dip. (UEW, Kumasi, Gh), B.A. (UDS, Tamale,<br>Gh), M.Phil. (Ghana)                       | Lecturer                       |
| Damba, H.M.      | B.A., M.Phil. (UDS, Tamale, Gh)                                                          | Assistant Lecturer             |

### Programmes

- Diploma, Development Education Studies
- Bachelor of Arts, Development Education Studies
- Master of Arts, Development Education Studies
- Master of Philosophy, Development Education Studies

### Publications

#### Achanso, A. S.

Duorinaah, E., **Achanso, A. S.**, & Hafiz, M. M. (2024). Environmental Considerations of Alternative Livelihoods for Women in Cocoa and Shea Communities in Ghana. *Human Ecology*, 1-10.

Duorinaah, E., **Achanso, A. S.**, & Mahmoud, B. (2024). Women with Disability and Voting Rights in the Northern Region of Ghana. *European Journal of Science, Innovation, and Technology*, 4(1), 305-314.

Musah, B. I., **Achanso, A. S.**, & Mutaru, S. (2024). Child Fostering and the Question of Child Labour in Northern Ghana's Alleged Witches' Camps. *Child Abuse Review*, 33(2), e2870.

#### Mohammed, A-R.

Mohammed, A-R. (2024). Child marriage and education in the context of a global pandemic: Exploring the gendered implications of COVID-inspired school closures in Ghana. *Child Abuse Review*, Vol. 33, No. 1, pp. 1-16.

Mohammed, A-R. (2024). The hidden costs of austerity for social programmes in the Global South: Qualitative insights from two complementary services in Ghana's Livelihood Empowerment Against Poverty Programme. *Journal of International Development*, Vol. 36, No. 4, pp. 1965-1981.

**Mohammed, A. R., & Apiung, J.** (2024). "We Have to Charge Levies, Else We Will Close Down the Schools". Delivering Ghana's education capitation grant programme within chronic resource constraints: impacts and implications. *Educational Review*, Vol. 76, No. 6, pp. 1-20.

Mohammed, A-R. (2024). "You can tell they are just villagers when you look at them": A Phenomenological Study of Street-Level Bureaucrats' Differential Treatment of Clients in the Implementation of the National Health Insurance Scheme in a Ghanaian Rural Hospital. In Peeters, R., Lotta, G., & Nieto-Morales, F. (Eds), *Street-Level Bureaucracy in Weak State Institutions*. Bristol: Policy Press, pp. 178-194.

**Musah, B. I.**

**Musah, B. I.,** Achanso, A. S., & Mutaru, S. (2024). Child Fostering and the Question of Child Labour in Northern Ghana's Alleged Witches' Camps. *Child Abuse Review*, 33(2), e2870.

**Abdulai, A. M.**

Abdulai, A. M. (2023). Promoting Climate-Smart Agricultural Strategies to Boost Food Security in Ghana: The Role of University of Development Studies. In *University Initiatives on Climate Change Education and Research* (pp. 1-17). Cham: Springer Nature Switzerland.

**Majialuwe, E. K.**

Mohammed, S., & **Majialuwe, E. K.** (2024). Breaking the Chains: Child Labour's Effect on Educational Achievement among Basic School Students in The Tamale Metropolis. *Advances in Social Sciences Research Journal*, 11(4), 54-74. <https://doi.org/10.14738/assrj.114.16741>

Mohammed, S., **Majialuwe, E. K.,** & Titigah, G. (2024). Unveiling the Underlying Factors and Ripple Effects of Electoral Violence in the Tamale Metropolis. *Advances in Social Sciences Research Journal*, 11(9), 163-184. <https://doi.org/10.14738/assrj.119.17523>

**Mohammed, S.**

**Mohammed, S.,** & Majialuwe, E. K. (2024). Breaking the Chains: Child Labour's Effect on Educational Achievement among Basic School Students in The Tamale Metropolis. *Advances in Social Sciences Research Journal*, 11(4), 54-74. <https://doi.org/10.14738/assrj.114.16741>

**Mohammed, S.,** Majialuwe, E. K., & Titigah, G. (2024). Unveiling the Underlying Factors and Ripple Effects of Electoral Violence in the Tamale Metropolis. *Advances in Social Sciences Research Journal*, 11(9), 163-184. <https://doi.org/10.14738/assrj.119.17523>

**Agamba, M. A.**

Zakaria, Y. A., **Agamba, M. A.,** & Ibrahim, M. M. (2023). Multi-stakeholder involvement in urban market infrastructure renewals in the Aboabo and Central markets of the Tamale Metropolitan District in Ghana: An application of the stakeholder theory. *Regional Science Policy & Practice*, 15(6), 1240-1258.

## Department of Planning and Land Administration

### Staff

| Name              | Qualification                                                        | Rank/Position         |
|-------------------|----------------------------------------------------------------------|-----------------------|
| Yakubu, I         | BA (UDS, Tamale, Gh) MPhil (Ghana), PhD (Stellenbosch, South Africa) | Snr. Lecturer/<br>HoD |
| Abdulai, A        | BSc (KNUST, Kumasi, Gh) LLM, PhD (Aberdeen, UK)                      | Snr. Lecturer         |
| Ibrahim, MM       | BA, MPhil (UDS, Tamale, Gh.), PhD (UCC, Cape Coast, Gh.)             | Lecturer              |
| Akolgo-Azupogo, H | BSc, MPhil (UDS, Tamale, Gh.), PhD (MITDS, Bolgatanga, Gh.)          | Lecturer              |
| Abindaw, B A      | BA (UDS, Tamale, Gh) MSc (KNUST, Kumasi, Gh)                         | Lecturer              |
| Laminu, M*        | BA (UDS, Tamale, Gh), MPhil ((KNUST, Kumasi, Gh)                     | Lecturer              |
| Zakaria, A Y*     | BSc, MPhil (UDS, Tamale, Gh)                                         | Lecturer              |
| Toku, A           | BA, MPhil (UDS, Tamale, Gh)                                          | Lecturer              |
| Soale, JM         | BSc. (KNUST, Kumasi, Gh) MSc (Freiburg, Germany)                     | Lecturer              |
| Agbeli, G         | BSc, MSc (KNUST, Kumasi, Gh)                                         | Lecturer              |
| Yussif, YH        | BA (Ghana) MSc (Twente, The Netherlands)                             |                       |
| Sambo-Bikaame, PY | HND (GSSM, Accra, Gh) BSc, MPhil (KNUST, Kumasi, Gh)                 | Assistant Lecturer    |
| Abi, V            | BSc (UDS, Tamale, Gh), MPhil (KNUST, Kumasi, Gh)                     | Assistant Lecturer    |
| Dakudjie, J       | BSc, MSc (KNUST, Kumasi, Gh)                                         | Assistant Lecturer    |

### Programmes

- BSc., Planning
- Bsc., Land Administration

### Publications

#### Yakubu, I.

Bras, A., **Yakubu, I.**, Mohammed, H., Idowu, I., Jones, R., Gagnon, A. S., ... & Addo, I. A. (2024). Bio-stabilising earthen houses with tannins from locally available resources. *Case Studies in Construction Materials*, 20, e03182. <https://doi.org/10.1016/j.cscm.2024.e03182>

#### Abdulai. A.

**Abdulai, A.** (2023). Promoting Good Corporate Governance in the Lands Commission of Ghana. *UDS International Journal of Development [UDSIJD] Special Issue*, (10) 1

#### Ibrahim, M.M.

Zakaria Y A, Agamba, MA & **Ibrahim, M.M.** (2023). Multi-stakeholder involvement in urban market infrastructure renewals in the Aboabo and Central markets of Tamale Metropolitan, Ghana: An application of the stakeholder’s theory. *Regional Science Policy & Practice*, 15(6), 1240–1258. <https://rsaiconnect.onlinelibrary.wiley.com/doi/10.1111/rsp3.12658>.

#### Zakaria Y.A.

**Zakaria, Y. A.**, Agamba, M. A., & Ibrahim M. M. (2023). Multi-stakeholder involvement in urban market infrastructure renewals in the Aboabo and Central markets of the Tamale Metropolitan District in Ghana: An application of the stakeholder theory. *Regional Science Policy & Practice*, 15(6), 1240–1258.

**Zakaria, Y. A.,** Arthur, B. K., & Iddrisu T. I. (2023). Social Impact Assessment (SIA) of Tamale Viaduct Project in Ghana: Stakeholders Management Practices Better or Worse? *Heliyon*, Volume 9, Issue 3, e14249

**Akolgo-Azupogo, H.**

Zakaria, Y.A., **Akolgo-Azupogo, H.** & Soale, J. (2024). Land development and planning laws in Ghana: the historical perspective. *FURP* 2, 15 (2024). <https://doi.org/10.1007/s44243-024-00041-2>

Ogwu, M. C., Thompson, O. P., Kosoe, E. A., Mumuni, E., **Akolgo-Azupogo, H.**, Obahiagbon, E. G., Izah, S. C., & Imarhiagbe, O. (2024). Factors driving the acceptance of genetically modified food crops in Ghana. *Food Safety and Health*, 1–11. <https://doi.org/10.1002/fsh3.12031>

**Toku, A.**

**Toku, A.**, Amoah, S. T., N-yanbini, N. N., Sarfo, A. K., & Tornyeviadzi, P. (2024). Analysis of land-use and livelihood transformations in peri-urban areas: Insights from North-Western Ghana. *Heliyon*.

**Toku, A.**, N-yanbini, N. N., & Sarfo, A. K. (2024). Upshots and responses: mapping spatio-temporal growth patterns in peri-urban areas, Ghana. In *Modern Cartography Series* (Vol. 11, pp. 639-662). Academic Press.

**Toku, A.**, Amoah, S. T., & N-yanbini, N. N. (2024). Exploring the potentials of urban crop farming and the question of environmental sustainability. *City and Environment Interactions*, 24, 100167.

## Department of Sustainable Development Studies

### Staff

| Name           | Qualification                                                                         | Rank/Position                              |
|----------------|---------------------------------------------------------------------------------------|--------------------------------------------|
| Anab, C.       | B.Ed., M.Ed. (UCC, Cape Coast, Gh), M.Sc.(London, UK),<br>Ph.D. (UDS, Tamale, Gh)     | Senior Lecturer/HoD                        |
| Musah, A.      | B.Com. (UCC, Cape Coast, Gh), M.Sc (Bergamo, Italy),<br>Ph.D. (UDS, Tamale, Gh), FCCA | Senior Lecturer/Dean<br>of Student Affairs |
| Alhassan, B.   | B.A. (UDS, Tamale, Gh), M.Sc., Ph.D. (CAU, China)                                     | Lecturer                                   |
| Aniah, P.      | B.A., M.Phil. (UDS, Gh), Tamale, Ph.D. (Ghana)                                        | Lecturer                                   |
| Doke, T.E.A    | B.A. (UDS, Tamale, Gh), M.Phil. (Ghana), Ph.D. Ghana                                  | Lecturer                                   |
| Yelsang, D.    | B.A., M.Phil. (UDS, Gh), Tamale                                                       | Lecturer                                   |
| Abarike, M.A.  | B.Sc., M.Phil. (UDS, Tamale, Gh)                                                      | Lecturer                                   |
| Amoah, D. A.   | B.A. (UDS, Tamale, Gh), M.Phil (UCC, Cape Coast, Gh)                                  | Lecturer                                   |
| Issah, A.D.    | B.A., M.Phil. (Ghana)                                                                 | Lecturer                                   |
| Iddrisu, T. I. | B.A., M.Phil. (UDS, Tamale, Gh)                                                       | Lecturer                                   |
| Abdulai, F.    | B.Sc., M.Phil. (UDS, Tamale, Gh)                                                      | Lecturer                                   |

### Programme(s)

- BSc Sustainable Development Studies

## Publications

### Anab, C.

**Anab, C., & Abazaami, J.** (2024). Safeguarding Adolescent Girls in Senior High Schools in Ghana to Enhance Human Resources for Sustainable Development. *Journal of Science & Sustainable Development*, 9(10),57-73 <https://dx.doi.org/10.4314/jssd.v9i1.5>.

### Musah, A.

Yakubu, I. N., **Musah, A.**, & Aminu Danaa, I. (2024). Environmental sustainability and government health expenditure in Africa: is there a nexus? *Technological Sustainability*. Ahead of Print. [doi.org/10.1108/TECHS-01-2024-0002](https://doi.org/10.1108/TECHS-01-2024-0002).

Yakubu, I. N., & **Musah, A.** (2024). The nexus between financial inclusion and bank profitability: A dynamic panel approach. *Journal of Sustainable Finance & Investment*, 14(2), 430-443. [doi.org/10.1080/20430795.2022.2105792](https://doi.org/10.1080/20430795.2022.2105792)

Yakubu, I. N., Bunyaminu, A., & **Musah, A.** (2023). Examining the Link Between Corruption and Bank Credit: The Case of Sub-Saharan Africa. In A. Rafay (Ed.), *Concepts and Cases of Illicit Finance* (pp. 126-144). IGI Global. DOI: 10.4018/978-1-6684-8587-3.ch008

Abukari, K., **Musah, A.**, & Assaidi, A. (2023). The role of corporate sustainability and its consistency on firm financial performance: Canadian evidence. *Accounting Perspectives*, 22(1), 55-86. [doi/10.1111/1911-3838.12309](https://doi.org/10.1111/1911-3838.12309)

### Aniah, P.

**Aniah, P.** (2024). Determinants of adaptation strategies to offset decreasing provisioning ecosystem services in the Savannah ecological zone of Ghana. *Environmental Challenges*, 14, 100856. <https://doi.org/10.1016/j.envc.2024.100856>.

Millar, K. K. N. D., Nayaga, P., & **Aniah, P.** (2024). Migration and well-being: an impact study of migrant cashew farmers in the Bono East Region of Ghana. *Cogent Social Sciences*, 10(1), 2354966. <https://doi.org/10.1080/23311886.2024.2354966>.

**Aniah, P.**, & Bawakyillenuo, S. (2024). Gender vulnerability and coping strategies to changing provisioning ecosystem services in Bongo and Kassena-Nankana West districts in the Upper East Region of Ghana. *Local Environment*, 1-15. <https://doi.org/10.1080/13549839.2024.2391041>

### Alhassan, B

**Alhassan, B.**, Iddrisu, T.I & Doke, EA. (2024). The Cry of Landless Smallholder Women Farmers and Agro-Processors in Northern Ghana- Evidence from West Mamprusi Municipality" *International Journal for Multidisciplinary Research*. 6(4).

### Iddrisu, T.I.

Alhassan, B., **Iddrisu, T.I** & Doke, EA. (2024). The Cry of Landless Smallholder Women Farmers and Agro-Processors in Northern Ghana- Evidence from West Mamprusi Municipality" *International Journal for Multidisciplinary Research*. 6(4).

**Doke, T.E.A.**

Alhassan, B., Iddrisu, T.I & **Doke, EA.** (2024). The Cry of Landless Smallholder Women Farmers and Agro-Processors in Northern Ghana- Evidence from West Mamprusi Municipality" *International Journal for Multidisciplinary Research*. 6(4).

**Issah, A.D.**

Ibrahim, N., Alhassan, M., and **Issah, A., D.** (2024). Environmental sustainability and government health expenditure in Africa: is there a nexus? *International Journal of Health Governance*. DOI 10.1108/TECHS-01-2024-0002

**Abdulai, F**

**Abdulai, F.,** & Abdulai, A. F. (2023). Utilisation of maize postharvest strategies and practices among farmers in the Yendi Municipality of the Northern Region of Ghana. *International Journal of Postharvest Technology and Innovation*, 9(1), 56-71.

## Department for Peace and Security Studies

### Staff

| Name              | Qualification                                                                                 | Rank/Position       |
|-------------------|-----------------------------------------------------------------------------------------------|---------------------|
| Sanka, M.         | Specialist Degree, Post-graduate Diploma (Belgorod, Russia), Ph.D. (Veliko Tarnovo, Bulgaria) | Lecturer/Acting HoD |
| *Braithmah, M. K. | B.Ed., M.Phil. (UCC, Cape Coast, Gh)                                                          | Lecturer            |
| Titigah, G.       | B.A., (UDS, Tamale, Gh), M.Phil. (UCC, Cape Coast, Gh)                                        | Lecturer            |
| Mohammed, H.      | B.A., M.Phil. (UDS, Tamale, Gh)                                                               | Lecturer            |

### Programmes

Currently, no programmes are being offered. However, the B.A. in Conflict, Peace, and Security Studies programme is receiving full approval from GTEC and will be launched in the next academic year.

### Publications

**Braithmah, M. K.**

**Braithmah, M. K.,** & Titigah, G. (2023). The Effects of COVID-19 on Workers and its Implications on Socio Economic Inequalities in Ghana, *International Journal of Health Sciences*, 6(1), 21-32.

**Titigah, G.**

Kipo-Sunyehzi, D. D., Yaro, D. S., & **Titigah, G.** (2024). Navigating Conflict and Health in Bawku, Ghana: Implications for Resolution and Management. *African Quarterly Social Science Review*, 1(2), 52-62.

Yaro, D. S., Kipo-Sunyehzi, D. D., & **Titigah, G.** (2024). Dynamics of the Protracted Chieftaincy Conflict in Nkwanta of the Oti Region of Ghana. *Eastern African Journal of Humanities and Social Sciences*, 3(2), 148-159.

Kipo-Sunyehzi, D. D., Yaro, D. S., & **Titigah, G.** (2024). International Conflict Resolution: The Role of the Government of Ghana and Togo on the Wenchiki-Chereponi Chieftaincy Conflict. *Eastern African Journal of Humanities and Social Sciences*, 3(1), 15-28.

**\*Staff on study leave**

## SCHOOL OF DENTISTRY

During the period under review, the newly established school has been working tirelessly and preparing for its accreditation.

### Philosophy and Mission

The Philosophy and mission of the SoD is anchored on the mandate, method of teaching, research, and community work extension of the University for Development Studies (UDS). The focus of the SoD is to be an outstanding Oral-health professional training institution providing excellent rural oral health, research, and first-class dental care to the doorsteps of Ghanaians, especially in the rural communities, using our graduates to bridge the gap of inequitable dentists in Ghana.

### Departments under the School of Dentistry

There are four (4) Departments in SoD

- Department of Basic Oral Health and Diagnostics
- Department of Oral and Maxillofacial Sciences
- Department of Community and Preventive Dentistry
- Department of Adult Oral Health

### Student Population for 2022/2023 Academic Year by Gender

The School of Dentistry (SoD) was established during the 2022/2023 academic year and has just finished its accreditation process awaiting the Regulators (MDC) report before it can admit students.

### Dean’s Office

| Name                   | Qualification                                        | Position/Rank                                          |
|------------------------|------------------------------------------------------|--------------------------------------------------------|
| <i>Amponsah. E.K</i>   | <i>DMD, MDSc, PhD, MGCS, Rusia/Ghana</i>             | <i>Dean</i>                                            |
| <i>Yelibora, M. A.</i> | <i>BSc, MPhil, (Ghana) PhD (Nagada) KNUST, Ghana</i> | <i>Vice-Dean/HoD</i>                                   |
| <i>David A. A.</i>     | <i>BDS, MGCS, Ghana</i>                              | <i>Lecturer/HOD Basic Oral Health and Diagnostics</i>  |
| <i>Naziru Issah</i>    | <i>BDS, MGCS, Ghana</i>                              | <i>Lecturer/HOD Adult Oral Health</i>                  |
| <i>Israel P. G.</i>    | <i>BDS, MGCS, Ghana</i>                              | <i>Lecturer/HOD Community and Preventive Dentistry</i> |
| <i>Dukper L.L</i>      | <i>BBA, VUU, MPhil (UDS), ChPA Ghana</i>             | <i>Assistant Registrar/S/O</i>                         |

### Publications

Mi Young Eo, Hoang Nguyen, Buyanbileg Sodnom-Ish, **Emmanuel Kofi Amponsah**, Soung Min Kim, Clinical Study Remote Real-Time Training for Sustainable Cleft Operation in Rural Region of West Africa: Effective Webinar in the COVID-19 Pandemic: The Journal of Craniofacial Surgery, Sep 2023

## Department of Community and Preventive Dentistry

### Staff

| Name              | Qualification                 | Rank / Position     |
|-------------------|-------------------------------|---------------------|
| <i>Gamba, P.I</i> | <i>BSc. BDS, MSc GCPS, UG</i> | <i>Lecturer/HoD</i> |

## Department of Oral and Maxillofacial Sciences

### Staff

| Name                   | Qualification                            | Rank / Position        |
|------------------------|------------------------------------------|------------------------|
| <i>Yelibora, M. A.</i> | <i>BDS, MGCS, MPA, FGCS- KNUST</i>       | <i>HoD/lecturer</i>    |
| <i>Emmanuel K. A.</i>  | <i>DMD, MDSc, PhD, FGCS Russia/Ghnan</i> | <i>Senior Lecturer</i> |

## Department of Adult Oral Health

### Staff

| Staff Name      | Qualification            | Rank / Position     |
|-----------------|--------------------------|---------------------|
| <i>Issah, N</i> | <i>BDS, MGCS, - GCPS</i> | <i>HoD/lecturer</i> |

## Department of Basic Oral Health and Diagnostics

### Staff

| Staff Name         | Qualification         | Rank / Position     |
|--------------------|-----------------------|---------------------|
| <i>Antwi A. D.</i> | <i>BSc, BDS, MGCS</i> | <i>HoD/lecturer</i> |

## INSTITUTE FOR INTERDISCIPLINARY RESEARCH (IIR)

The Institute for Interdisciplinary Research (IIR) is a vital Unit of the University for Development Studies (UDS). It was established to coordinate and facilitate research and grants at the University, as mandated by University Statute 51.4. The mandate of the Institute is to foster interdisciplinary research excellence, enhance collaboration, and inform policy and practice through research. In line with its mandate, the IIR engages in:

- Research on topical national development issues
- Advocacy through the Annual Harmattan School Series
- Promoting knowledge sharing and dissemination through the Annual Interdisciplinary Conference (AIC), and
- Community services in collaboration with development partners.

IIR leads in the provision of multidisciplinary research and consultancy services to public and private sector organizations - locally, nationally, and internationally, covering various fields, including agriculture, climate change, sustainable development, healthcare, politics and governance, media, and communication. IIR envisions becoming a leading research institute in Africa, driving innovative solutions to developmental challenges.

### Staff

| Name                  | Qualification                                                                                                                   | Rank/Position                               |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| <i>Akudugu, M. A.</i> | <i>B.Sc. (UDS, Tamale, Gh), M.Phil. (Ghana), Ph.D. (Reading, UK)</i>                                                            | <i>Associate Professor/Director</i>         |
| <i>Abazaami, J.</i>   | <i>B.A. (Ghana), M.Sc. (KNUST, Gh), Ph.D. (Dortmund, Germany)</i>                                                               | <i>Associate Professor /Deputy Director</i> |
| <i>Yirnuo, T. J.</i>  | <i>HND (T.Poly, Tamale, Gh), BMS (UCC, Cape Coast, Gh), B.Sc.(KNUST, Gh), MBA. (SMC, Switzerland), ChPA, (CIAMC, Accra, Gh)</i> | <i>Assistant Registrar /Administrator</i>   |

The total staff of the Institute currently is seven (7). They are:

- Two (2) Academic Senior members
- One (1) Non-Academic Senior Member
- Three (3) Professional/ Administrative Staff Senior Staff

### **Activities During the Reporting Period**

During the reporting period, the Institute undertook the following activities:

#### **1. Memorandum of Understanding (MoU) Signing**

- November 23, 2023, facilitated the signing of MoU between the University for Development Studies and Cambridge Centre of Excellence to launch a collaborative Project Management Training Programme.

#### **2. Inception and Co-Creation Workshop**

- January 17, 2024, held Inception and Co-Creation Workshop on "Proof of Concept for Indigenous Evaluation in Africa". The workshop was sponsored by the Mastercard Foundation. Participants included stakeholders, university leadership, consortium partners, and Mastercard Foundation representatives. The purpose was to discuss key aspects of project implementation, fostering collaborative research and development.

#### **3. IIR Management Meetings**

- December 18, 2023; January 29, 2024; February 18, 2024; March 11, 2024; March 25, 2024; May 13, 2024; July 22, 2024, held IIR Management meetings. The focus of the meetings was to plan effective and efficient delivery of research support to faculty members.

#### **4. Collaborative Initiative**

- March 27, 2024, facilitated the launch of "C-Real" Nutrient-Rich Fortified Blended Flour in collaboration with partners: Savannah and Sahel Commodities Limited (SSCL) and University of York, UK. This initiative introduced a tailored, nutrient-rich fortified blended flour to the Ghanaian market, revolutionizing breakfast nutrition options - particularly, among school children in Ghana.

#### **5. IIR Board Meeting**

- April 4, 2024, held IIR 3<sup>rd</sup> Board meeting to discuss strategies for effective mandate delivery, and enhancement of the Institute's and University's visibility and impact.

#### **6. 18<sup>th</sup> Annual Harmattan School Series**

- February 7-8, 2024, organized the 18<sup>th</sup> Annual Harmattan School Lecture Series under the theme "Accountable Governance, Violent Extremism, and the 2024 Election", fostering dialogue on critical national issues. The Rt Hon. Speaker of Parliament of the Republic Ghana, Alban Sumana Kingsford Bagbin was the Guest of Honour for the event.

#### **7. UDS Research Fund**

- February 7, 2024, facilitated the launch of the UDS Research Fund to foster research excellence, driving societal impact through active university-industry partnerships.
- April 3, 2024, facilitated the inauguration of the UDS Research Fund Steering and Technical Committees to operationalise the UDS Research Fund to ensure effective research coordination
- April 12, 2024 - August 15, 2024, facilitated UDS Research Fund Steering and Technical Committees meetings to evaluate research proposals for consideration for the award of research grants by the University to foster academic excellence and inclusive development.

## 8. Workshop/Capacity Building Initiative

- May 6-8, 2024, in partnership with the Mastercard Foundation, organised a workshop on the theme "Made in Africa MEL Indaba". This groundbreaking initiative advanced research and development paradigms within the African context, emphasizing tailored Monitoring, Evaluation, and Learning (MEL) systems.
- May 16, 2024, in collaboration with the Center for Research, Innovation and Partnership Services (CRIPS), organised the Vice-Chancellor's Capacity Building Initiative to enhance lecturers' and researchers' skills in student supervision, article writing, and grantsmanship for personal and institutional growth.

## 9. Collaborative Meetings

- June 13, 2024, in partnership with Winrock International interviewed some female agricultural students of UDS to identify 10 talented students for Havener-Dowswell scholarship awards.
- July 24, 2024, held a meeting with USAID representatives to discuss possible collaboration to strengthen local research and evaluation entities.

These activities during the period under review demonstrate the Institute's commitment to interdisciplinary research, capacity building, and stakeholder engagement.

## Publications

### Prof. Akudugu M. A.

#### Chapters in Books

- Akudugu, M.A.** & Abagale, F.K. (2024). Ethics Education in Science, Technology, Engineering and Mathematics (STEM) in Africa: A Reflection on the Successes, Failures and the Way Forward in the Era of a Global Pandemic. In: Hildt, E., Laas, K., Brey, E.M., Miller, C.Z. (eds) Building Inclusive Ethical Cultures in STEM. The International Library of Ethics, Law and Technology, Vol 42. Springer, Cham. [https://doi.org/10.1007/978-3-031-51560-6\\_7](https://doi.org/10.1007/978-3-031-51560-6_7).
- Akudugu, M. A.,** Luwesi, C.N., Komba, B. B., Beyene, A., Nour, S.S. (2023). Basic Economics Behind Sustainable Financial Flows in the Water Sector. In: Luwesi, C.N., Beyene, A. (eds) Innovative Water Finance in Africa. Palgrave Macmillan, Cham. [https://doi.org/10.1007/978-3-031-38234-5\\_1](https://doi.org/10.1007/978-3-031-38234-5_1)
- Luwesi, C.N., Akudugu, M. A.,** Peter, P.W., Nkama, F.N., Beyene, A., Mingashanga, H.M. (2023). Innovative Instruments and Contractual Arrangements to Offset Bottlenecks for Financial Flows in the Water Sector. In: Luwesi, C.N., Beyene, A. (eds) Innovative Water Finance in Africa. Palgrave Macmillan, Cham. [https://doi.org/10.1007/978-3-031-38234-5\\_3](https://doi.org/10.1007/978-3-031-38234-5_3)
- Glitse, P., Nyamadi, B.V., Akudugu, M. A.** (2023). Business Models That Improve Rural Poor Access to Credit for Irrigated Agriculture in Northern Ghana. In: Luwesi, C.N., Beyene, A. (eds) Innovative Water Finance in Africa. Palgrave Macmillan, Cham. [https://doi.org/10.1007/978-3-031-38234-5\\_4](https://doi.org/10.1007/978-3-031-38234-5_4)
- Millar, K. K., Alhassan, A., & Akudugu, M. A.** (2023). Gendered and Generational Analyses of Farm Households' Livelihood Diversification in Ghana: Implications for Credit Demands and Allocations. In Y. Alhassan & U. Nwagbara (Eds.), *Empowering Women Through Microfinance in Developing Countries* (pp. 79-92). IGI Global. <https://doi.org/10.4018/978-1-6684-8979-6.ch004>

### Peer Reviewed Journal Articles

- Akudugu, M. A. & Ogwu, M. C. (2023).** Sustainable Development Policies and Interventions: A Bibliometric Analysis of the Contributions of the Academic Community. *Journal of Cleaner Production*. doi: <https://doi.org/10.1016/j.jclepro.2023.139919>.
- Guo, E., Akudugu, M. A. & Ibn Imoru, A. R. (2023).** Towards Achieving Food Security in Ghana: Assessing the Integration of Food Security Elements in Agricultural Policies. The Case of METASIP (I & II) and IFJ. *UDS International Journal of Development [UDSIJ]*, Vol. 10 (2): 1012 – 1022. Doi: <https://doi.org/10.47740/663.UDSIJD6i>
- Prof. Abazaami J.**
- Anab C., & **Abazaami J.** (2024). Safeguarding Adolescent Girls in Senior High Schools in Ghana to Enhance Human Resources for Sustainable Development. *Journal of Science & Sustainable Development*. Vol 9, October 2024, pp. 57-73 ISSN: 2070-1748. DOI: <https://dx.doi.org/10.4314/jssd.v9i1.5>.
- Abazaami J., & Andani A. (2024).** Contemporary Drought Situations and Food Shortages in Northern Ghana: Possible Threat to Food Sovereignty? *Paper Presented at ActionAid Ghana's National Climate Justice Conference*. 26<sup>th</sup> -27<sup>th</sup> September, 2024 at Alisa Hotel, Accra. Link: <https://www.youtube.com/live/vhRg7FW5GrE?si=37xw0vun5OqPeKqu>
- Jebuni, T.S., & Abazaami J. (2023).** Modernity, Sigmáá Masquerading, and the Psychosocial Development of the Youth. *European Journal of Development Studies*. Vol 3 (6), pp. 46-57. ISSN: 2736-660X. DOI: 10.24018/ejdevelop.2023.3.6.320

# Nyankpala Campus



5

## Faculties

2

## Schools

4

## Centres

- Faculty of Agriculture, Food and Consumer Sciences
- Faculty of Communication and Media Studies (FCMS)
- Faculty of Industrial Arts and Technology
- Faculty of Natural Resources and Environment
- Faculty of Social Sciences (FSS)
- School of Economics
- School of Engineering
- Kazuhiko Takeuchi Centre for Sustainability and Resilience (KTCRSR)
- Centre for Agricultural Productivity and Policy Studies (CAPPS)
- West African Center for Shea Innovation and Research (WACSIR)
- West African Centre of Water, Irrigation and Sustainable Agriculture (WACWISA)

## **FACULTY OF AGRICULTURE, FOOD AND CONSUMER SCIENCES**

### **Introduction**

The Faculty of Agriculture, Food and Consumer Sciences (FoAFCS) is located at the Nyankpala Campus, within the Tolon District, about 20 km West of Tamale, the Northern Regional capital of Ghana. The Faculty currently runs Diploma, BSc degree and postgraduate programmes. The BSc. Degree programmes are in Agricultural Technology, Agricultural Science Education, Family and Consumer Science, Food Science and Technology and Food Security and Climate Change disciplines. Additionally, final-year students of BSc. Agricultural Technology has the option of specializing in any one of Animal Science, Agricultural Mechanization and Irrigation Technology, Agricultural and Food Economics, Horticulture, Soils Science, Crop Science, Horticulture, and Agricultural Biotechnology, whilst those in Agribusiness have the option to specialize in Agricultural and Resource Economics, Agricultural Management and Policy, and Agricultural Administration and Marketing.

Under the Department of Family and Consumer Sciences, students have the opportunity to specialize in four main disciplines. These include Hospitality Management, Food and Nutrition, Textiles and Apparel Construction and Development and Child Studies.

The Diploma programmes are designed for prospective students who have not met the entry requirements for degree programmes but would want to upgrade themselves in Agricultural Education, General Agriculture, Family and Consumer Science, Agribusiness and Food Security and Climate Change. Students who graduate with good grades from the diploma programmes are enrolled on various levels of the BSc programme depending on their final grade.

The Faculty also runs Master of Science (MSc), Master of Philosophy (MPhil) and Doctor of Philosophy (PhD) programmes in various disciplines such as:

- MSc/MPhil/PhD Soil and Water Conservation and Management
- MSc/MPhil/PhD Animal Science
- MSc/MPhil/PhD Post Harvest Technology
- MSc/MPhil/PhD Biotechnology
- MSc/MPhil/PhD Horticulture
- MSc/MPhil/PhD Crop Science
- MSc/MPhil/PhD Agricultural Economics
- MSc/MPhil/PhD Innovation Communication
- MSc/MPhil/PhD Climate Change

### **Departments**

The Faculty has thirteen (13) academic departments namely,

- Department of Agricultural Food and Economics
- Department of Agribusiness
- Department of Agricultural Mechanization and Irrigation Technology
- Department of Food Science and Technology
- Department of Animal Science
- Department of Horticulture

- Department of Agricultural Innovation Communication
- Department of Food Security and Climate Change
- Department of Family and Consumer Science
- Department of Agricultural Biotechnology
- Department of Crop Science
- Department of Soil Science
- Department of Agriculture Science Education

The core business engaged by Staff of the Faculty is in teaching, research and extension activities and these activities emphasise problem-solving and participatory learning approaches, geared towards integrated rural development and poverty alleviation.

#### Staff Population

| Staff Category                             | Male       | Female    | Total      |
|--------------------------------------------|------------|-----------|------------|
| Contract                                   | 7          | 1         | 8          |
| Professors                                 | 6          | 0         | 7          |
| Associate Professors                       | 18         | 3         | 21         |
| Senior Members Administrative/Professional | 8          | 2         | 10         |
| Senior Lecturers/Senior Research Fellow    | 21         | 2         | 23         |
| Lecturers/Research Fellows                 | 43         | 13        | 56         |
| Assistant Lecturers                        | 7          | 6         | 13         |
| Senior Staff                               | 42         | 23        | 65         |
| Junior Staff                               | 63         | 23        | 83         |
| <b>TOTAL</b>                               | <b>215</b> | <b>73</b> | <b>288</b> |

#### Student Population

| No                   | Year             | Male         | Female       | Total        |
|----------------------|------------------|--------------|--------------|--------------|
| <b>Undergraduate</b> |                  |              |              |              |
| 1.                   | Level 100        | 248          | 264          | 612          |
| 2.                   | Level 200        | 324          | 402          | 726          |
| 3.                   | Level 300        | 307          | 204          | 511          |
| 4.                   | Level 400        | 267          | 190          | 457          |
| 5.                   | Dip Level 100    | 142          | 121          | 263          |
| 6.                   | Dip Level 200    | 87           | 82           | 169          |
|                      | <b>SUB-TOTAL</b> | <b>1,190</b> | <b>1,153</b> | <b>2,343</b> |
| <b>Postgraduate</b>  |                  |              |              |              |
| 7.                   | MSc.             | 6            | 5            | 11           |
| 8.                   | MPhil            | 352          | 72           | 424          |
| 9.                   | PhD              | 95           | 29           | 124          |
|                      | <b>SUB-TOTAL</b> | <b>453</b>   | <b>106</b>   | <b>559</b>   |
| <b>GRAND-TOTAL</b>   |                  | <b>1,643</b> | <b>1,259</b> | <b>2,902</b> |

**Dean’s Office****Staff**

| <b>Name</b>              | <b>Qualification</b>                                                                                                                         | <b>Rank/Position</b>                  |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| <i>Ansah, T.</i>         | <i>BSc. (UDS, Tamale, Gh), MSc. (KNUST, Kumasi, Gh), PhD (Tamale)</i>                                                                        | <i>Associate Professor/Dean</i>       |
| <i>Abubakari, A-H.</i>   | <i>BSc. (UDS, Tamale, Gh), MSc. (London), PhD (KNUST, Kumasi, Gh)</i>                                                                        | <i>Associate Professor /Vice Dean</i> |
| <b>Seniwoliba, A. J.</b> | <i>Cert “A” (4-Year Post Middle), Dip., B.Ed., M.A. (UCC, Cape Coast, Gh), Professional Cert. (IHRMP, Accra Gh), EMODAL, (Florida, USA).</i> | <i>Senior Assistant Registrar</i>     |

**Department of Food Science and Technology****Staff**

| <b>Name</b>             | <b>Qualification</b>                                                                                            | <b>Rank/Position</b>           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------------------|
| <i>Mahunu, G.K.</i>     | <i>B.Sc. (UDS, Tamale, Gh); M.Sc. (KNUST, Kumasi, Ghana), Ph.D. (Jiangsu University, Zhenjiang City, China)</i> | <i>Associate Professor/HoD</i> |
| <i>Amagloh, F. K.</i>   | <i>B.Sc. (Ghana); M.Sc. (KNUST, Kumasi, Ghana); PhD (Massey, Palmerstone North)</i>                             | <i>Professor</i>               |
| <i>Afoakwah, N. A.</i>  | <i>BSc. (UDS, Tamale, Ghana); M.Phil. (Ghana); Ph.D. (Jiangsu University, China)</i>                            | <i>Associate Professor</i>     |
| <i>Akabanda F.</i>      | <i>B.Sc. (UDS, Tamale, Ghana), MPhil. &amp; PhD (Legon, Ghana)</i>                                              | <i>Senior Lecturer</i>         |
| <i>Bonah, E.</i>        | <i>BSc (UDS, Tamale, Ghana), MSc (KNUST, Kumasi), Ghana) PhD (Jiangsu University, China)</i>                    | <i>Lecturer</i>                |
| <i>Chikpah, S. K.</i>   | <i>B.Sc., M.Phil. (UDS, Tamale, Ghana)</i>                                                                      | <i>Lecturer</i>                |
| <i>Alhassan, M. W.</i>  | <i>BSc. (UDS, Tamale, Ghana); M.Phil. (KNUST, Kumasi, Ghana)</i>                                                | <i>Lecturer</i>                |
| <i>*Atuna, R. A.</i>    | <i>B.Sc., M.Phil. (UDS, Tamale, Ghana)</i>                                                                      | <i>Lecturer</i>                |
| <i>*Abdul-Aziz, B.</i>  | <i>HND (Accra Polytechnic, Accra), B.Sc. (UCC, Cape Coast, Ghana), M.Phil. (UDS, Tamale, Ghana)</i>             | <i>Research Fellow</i>         |
| <i>*Pobi N. O.</i>      | <i>BSc (UDS, Tamale, Ghana); MSc (KNUST, Kumasi, Ghana)</i>                                                     | <i>Lecturer</i>                |
| <i>*Owusu-Ansah, P.</i> | <i>BSc (UDS, Tamale, Ghana); MSc (Jiangsu University, China)</i>                                                | <i>Lecturer</i>                |

*\*Staff on study leave*

Total number of staff: 13 (academic and non-academic)

**Mahunu, G. K****Book Chapters**

**Mahunu, G. K.**, Afoakwah, N. A., Hudu, A. R., and Apaliya, M. T. (2024). Zearalenone Toxins.

Microbial Toxins in Food Systems: Causes, Mechanisms, Compositions, and Metabolism. Springer. pp. 373-386.

Afoakwah, N. A., and **Mahunu, G. K.**, Osae, R., Pereko, K. (2024). Food intoxication: Prevention, Diagnoses and Treatment: Causes, Mechanisms, Compositions, and Metabolism. Springer. pp 153-165.

- Pereko, K. K. A., Afoakwah, N. A., and **Mahunu, G. K.**, Opara, C. (2024). Bacterial Toxins and Cancer. *Microbial Toxins in Food Systems: Causes, Mechanisms, Compositions, and Metabolism*. Springer. pp 211-219.
- Osae, R., Apaliya, M. T., Afoakwah, N. A., Kwaw, E., **Mahunu, G. K.**, Alolga, N. R and Abdel Sulieman, E. M. (2024). Bacterial Toxins and Human Health. *Causes, Mechanisms, Compositions, and Metabolism*. Springer. pp. 193-210.
- Apaliya, M. T., Osae, R., Kwaw, E., **Mahunu, G. K.**, Alolga, N. R., Voryehor, S. K., Hudu, R. A. (2024). The Occurrence of Ochratoxin A in Food and its Risk to Human. *Microbial Toxins in Food Systems: Causes, Mechanisms, Compositions, and Metabolism*. Springer. pp 361-372.
- Apaliya, M. T., **Mahunu, G. K.**, Afoakwah, N. A., Kwaw, E., Osae R., Voryehor, K. S. (2024). Mushroom Poison: *Causes, Mechanisms, Compositions, and Metabolism*. Springer. pp. 387-397.
- Mahunu, G. K.**, Afoakwah, N. A., (2024). Patulin Mycotoxin. *Microbial Toxins in Food Systems: Causes, Mechanisms, Compositions, and Metabolism*. Springer. pp. 399-413.
- Afoakwah, N. A., and **Mahunu, G. K.**, Apaliya, M. T., (2024). Citrinin Toxin. *Microbial Toxins in Food Systems: Causes, Mechanisms, Compositions, and Metabolism*. Springer. pp. 415-426.
- Mahunu, G. K.**, Afoakwah, N. A., Osei-Kwarteng, M., (2024). Safe Food and Non-Communicable Diseases in the Global South. Springer. pp. 95-122.
- Osei-Kwarteng, M., Ogwu, C. M., **Mahunu, G. K.**, Afoakwah, N. A. (2024). Postharvest Food quality and Safety in the Global South: Sustainable Management Perspectives. Springer. pp. 151-195.
- Mahunu G.K.**, Osei-Kwarteng, M., Afoakwah, N. A. (2024). Safe Food Handling Techniques to Prevent Microbial Contamination. Springer. pp. 427-461.
- Mahunu, G. K.** , Afoakwah, N. A., Tahir, H. E. (2024). Fundamentals of colorimetric sensors for food quality and safety. Elsevier. pp. 17-35.
- Tahir, H. E., Hashim BH, S., Arslan, M., **Mahunu, G. K.**, Mariod, A.A., Jiyong, S., Xiaobo, Z. (2024). Colorimetric sensors: Sensitivity and detection limits. Elsevier. Pp.141-159 213-237.
- Afoakwah, N. A., **Mahunu, G. K.**, **Sarpong, P.** (2024). Colorimetric sensors for ensuring the quality of liquid and semi-liquid foods. Elsevier. Pp.141-159.
- Afoakwah, N. A., Tahir, H. E., **Mahunu, G. K.** (2024). Colorimetric sensors: Biomonitoring of food toxicants and pathogens. Elsevier. pp. 257-283.
- Mahunu, G. K.**, Tahir, H. E., Afoakwah, N. A., (2024). Colorimetric sensors/indicators safety, quality control, and regulatory aspects. Elsevier. pp. 287-305.

## Publications

- Hashim, S. B., Tahir, H. E., Mahdi, A. A., Al-Maqtari, A. Q., Shishir, I., R., M., **Mahunu, G. K.**, Aalim, S.K., Zhai, X., Xiaobo, Z. Jiyong, S. (2024). Fabrication of biopolymer stabilized microcapsules for enhancing physicochemical stability, antioxidants and antimicrobial properties of cinnamon essential oil. *International Journal of Biological Macromolecules*, 271, 132336.
- Tahir, H. E., Hashim, S. B. H., Arslan, M., **Mahunu, G. K.**, Shishir, M. R. I., Zhihua, L., Khan, S., Mariod, A. A., Abaker, H. A. M., Ibrahim, H. E., El-Seedi, H. R., & Xiaobo, Z. (2024). Characterization and identification of the key volatile and non-volatile substances of *Vangueria madagascariensis* J.F. Gmel fruits (Kirkir) and exploration of their binding interactions with olfactory and taste receptors using computational chemistry methodology. *Food Chemistry*, 460, 140631.

Hashim, S. B. H., Tahir, H. E., Mahdi, A. A., Zhang, J., Zhai, X., Al-Maqtari, Q. A., Zhou, C., **Mahunu, G. K.**, Xiaobo, Z., & Jiyong, S. (2024). Enhancement of a hybrid colorimetric film incorporating *Origanum compactum* essential oil as antibacterial and monitor chicken breast and shrimp freshness. *Food Chemistry*, 432, 137203.

### **Amagloh, F. K.**

#### **Publications**

- Asare, B., Achaglinkame, M., Sam, F., Atuna, R., & **Amagloh, F.K** (2024). Yellowness of egg yolks influences consumer preference for eggs in Ghana. *International Food Research Journal*, 31(2).
- Osei, E. D., Pokuah, A. A., Atuna, R. A., Faisal, E. S., Amotoe-Bondzie, A., Yussif, A. M., ... & **Amagloh, F. K.** (2024). Characterization of soy curd residue and full-fat soy flour as protein-based food ingredients. *Potravinarstvo*, 18.
- Owusu-Ansah, P., AN, A., Komla Mahunu, G., Boateng, I. D., & **Amagloh, F. K.** (2024). Inactivation Kinetics of *Escherichia Coli* on Ground Chicken Under Various Thermal Treatments (Time-Temperature Matrix) and Evaluation of Physicochemical Properties. Available at SSRN 4758568.
- Pokuah, A. A., Atuna, R. A., Akabanda, F., & **Amagloh, F. K.** (2023). Enrichment of bread with soymilk using response surface methodology. *Food Chemistry Advances*, 4, 100570.<https://doi.org/https://doi.org/10.1016/j.focha.2023.100570>
- Amagloh, F. C., Atuna, R. A., Akabanda, F., Pobi, N. O., Donkor, E. A., Koomson, G., & **Amagloh, F. K.** (2023). The potential of underutilised and biofortified grains, roots, and tubers in Ghana: A nutrition-sensitive approach for improved health. 2023, 18. <https://doi.org/https://doi.org/10.1079/cabireviews.2023.0027>

### **Afoakwah, N. A.**

#### **Books Chapters**

- Afoakwah, N.A.**, Mahunu, G.K., Osae, R., Pereko, K. (2024). Food Intoxication: Prevention, Diagnoses, and Treatment. *Microbial Toxins in Food Systems: Causes, Mechanisms, Complications, and Metabolism*. Springer. pp 153-165.
- Afoakwah, N.A.**, Mahunu, G.K., Apaliya, M.T. (2024). Citrinin Toxin. *Microbial Toxins in Food Systems: Causes, Mechanisms, Complications, and Metabolism*. Springer. pp. 415-426.
- Afoakwah, N.A.**, Mahunu, G.K., Osei-Kwarteng, M. (2024). Safe Food and Non-Communicable Diseases in the Global South. *Food Safety and Quality in the Global South*. Springer. pp. 95-122.
- Afoakwah, N.A.**, Tahir H.E., Mahunu, G.K. (2024). Colorimetric sensors: Biomonitoring of food toxicants and pathogens. Elsevier. pp. 257-283.
- Afoakwah, N. A.**, Mahunu, G.K., Sarpong P. (2024). Colorimetric sensors for ensuring the quality of liquid and semi-liquid foods. Elsevier. pp.141-159.
- Apaliya, M. T., Mahunu, G. K., **Afoakwah, N. A.**, Kwaw, E., Osae R., Voryehor, K. S. (2024). Mushroom Poison: Causes, Mechanisms, Compositions, and Metabolism. Springer. pp. 387-397.
- Mahunu, G. K., **Afoakwah, N. A.**, (2024). Patulin Mycotoxin. *Microbial Toxins in Food Systems: Causes, Mechanisms, Compositions, and Metabolism*. Springer. pp. 399-413.
- Mahunu, G.K., **Afoakwah, N.A.**, Hudu, A.R., Apaliya, M.T. (2024). Zearalenone Toxins. *Microbial Toxins in Food Systems: Causes, Mechanisms, Complications, and Metabolism*. Springer. pp. 373-386.

- Mahunu G.K., Osei-Kwarteng, M., **Afoakwah, N. A.** (2024). Safe Food Handling Techniques to Prevent Microbial Contamination. Springer. pp. 427-461.
- Mahunu, G.K., **Afoakwah, N.A.**, Tahir, H.E. (2024). Fundamentals of colorimetric sensors for food quality and safety. Elsevier. pp. 17-35.
- Mahunu, G.K., Tahir, H.E., **Afoakwah, N.A.** (2024). Colorimetric sensors/indicators safety, quality control, and regulatory aspects. Elsevier. pp. 287-305.
- Osae, R., Apaliya, M. T., **Afoakwah, N. A.**, Kwaw, E., Mahunu, G. K., Alolga, N. R and Abdel Sulieman, E. M. (2024). Bacterial Toxins and Human Health. Causes, Mechanisms, Compositions, and Metabolism. Springer. pp. 193-210.
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- Afoakwah, N.A.**, Tchabo W., & Owusu-Ansah P. (2024). Ultrasound-Assisted Extraction (UAE) of Jerusalem Artichoke Tuber Bio-Active Ingredient Using Optimized Conditions of Box-Behnken Response Surface Methodology. *Heliyon*, *Accepted*
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### Chikpah, S. K.

#### Publications

- Chikpah, S. K.**, Korese, J. K., Hensel, O., Sturm, B., & Pawelzik, E. (2023). Influence of blend proportion and baking conditions on the quality attributes of wheat, orange-fleshed sweet potato and pumpkin composite flour dough and bread: Optimization of processing factors. *Discover Food*, 3(2), 1-24. <https://doi.org/10.1007/s44187-023-00041-z>.
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### Atuna, R. A.

#### Publications

- Asare, B., Achaglinkame, M., Sam, F., **Atuna, R. A.**, & Amagloh, F. (2024). Yellowness of egg yolks influences consumer preference for eggs in Ghana. *International Food Research Journal*, 31(2).
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**Pobi, N. O.**

#### Publications

Flora C. Amagloh<sup>1</sup>, Richard A. Atuna<sup>2</sup>, Fortune Akabanda<sup>2</sup>, **Nana Oye Pobi<sup>2</sup>**, Esther A. Donkor<sup>2</sup>, Gifty Koomson<sup>2</sup>, Francis K. Amagloh<sup>2</sup>. (2023) The potential of underutilised grains, roots, and tubers in Ghana: a nutrition sensitive approach for improved health CABI Reviews 18:1 <https://doi.org/10.1079/cabireviews.2023.0027>

**Owusu-Ansah, P.**

#### Publications

Afoakwah, N. A., Tchabo, W., & **Owusu-Ansah, P. (2024)**. Ultrasound-assisted extraction (UAE) of Jerusalem artichoke tuber bio-active ingredient using optimized conditions of Box-Behnken response surface methodology. *Heliyon*, 10(4).

## Department of Agricultural Biotechnology

### Staff

| Name         | Qualification                                                            | Rank/Position           |
|--------------|--------------------------------------------------------------------------|-------------------------|
| Kankam, F.   | B.Ed. (Winneba, Ghana), MSc (KNUST, Kumasi, Ghana), PhD (Lanzhou, China) | Associate Professor/HoD |
| Karikari, B. | BSc (UCC, Gh), MSc (KNUST, Kumasi, Ghana), PhD (NAU, China)              | Lecturer                |
| Issifu, M.   | B.Sc. (Winneba, Ghana), MSc (Dharwad, India), PhD (Nairobi, Kenya)       | Lecturer                |
| Hudu, A.R.   | BSc., MPhil (UDS, Tamale, Ghana)                                         | Assistant Lecturer      |

**Kankam, F.**

#### Publications

**Kankam, F.**, Akpatsu, I.B. and Larbi-Koranteng, S (2024). Rhizobacteria-induced resistance in plants towards cyst nematodes. In Faheem Ahmad and Rakesh Pandey (ed.). *Microbial Biostimulants: Biorational Pesticides for Management of Plant Pathogens*. Apple Academic Press. DOI: 10.1201/9781003484837

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Akpatsu, I.B., Tengey, T.K., **Kankam, F.**, Seidu, M. and Francis Abbas Senyabor, F.A. (2023). Incidence and severity of cowpea rust disease among selected cowpea genotypes in Northern Ghana. *Ghana Journal of Science, Technology and Development* 9(1): 18-24. Doi: <https://doi.org/10.47881/386.967x>

## Karikari, B.

### Publications

- Aleem M, Razzaq MK, Siddiqui MH, Aleem M, Yan W, Sharif I, Aleem S, Iftikhar MS, Karikari B, Ali Z, Akhtar N & Zhao T (2024). Genome-wide association study provides new insight into the underlying mechanism of drought tolerance during seed germination stage in soybean. *Scientific Reports*, 14:20765. <https://doi.org/10.1038/s41598-024-71357-8>
- Anani PY, Bayor H, **Karikari B**, Amegbor IK, Nyarko G, Hudu AR & Labuschagne M (2024). Exploring morphological variation and stability in hot pepper (*Capsicum annuum*) germplasm collection from the northern region of Ghana. *Scientia Horticulturae*, 337, 113509. <https://doi.org/10.1016/j.scienta.2024.113509>
- Zhang P, Yang Z, Jia S, Chen G, Li N, **Karikari B** & Cao Y (2024). Genome-Wide Association Study and Candidate Gene Mining of Seed Size Traits in Soybean. *Agronomy*, 14, 1183. <https://doi.org/10.3390/agronomy14061183>
- Adu GB, Awuku FJ, Garcia-Oliveira AL, Amegbor IK, Nelimor C, Nboyine J, **Karikari B**, Atosona B. (2024). DArTseq-based SNP markers reveal high genetic diversity among early generation fall armyworm tolerant maize inbred lines. *PLoS ONE* 19(4): e0294863. <https://doi.org/10.1371/journal.pone.0294863>
- Aloryi KD, Okpala NE, Guo H, **Karikari B**, Amo A, Bello SF, Saini DK, Akaba S, Tian X. (2024). Integrated meta-analysis and transcriptomics pinpoint genomic loci and novel candidate genes associated with submergence tolerance in rice. *BMC Genomics*. 25, 338. <https://doi.org/10.1186/s12864-024-10219-z>
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- Hina A, Khan N, Kong K, Lv W, **Karikari B**, Abbasi A and Zhao T (2024). Exploring the role of FBXL gene family in Soybean: Implications for plant height and seed size regulation. *Physiologia Plantarum*, 176(1), e14191. <https://doi.org/10.1111/ppl.14191>
- Raza A, Bashir S, Khare T, **Karikari B.**, Copeland R.G.R, Jamla M, Saghir A, Sidra C, Spurthi N. N, Ivica D, Rosa M. R, Kadambot H. M. S and Rajeev K. V (2024). Temperature-smart plants: A new horizon with omics-driven plant breeding. *Physiologia Plantarum*, 176(1), e14188. <https://doi.org/10.1111/ppl.14188>

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- Razzaq KM, Hina A, Abbasi A, **Karikari B**, Ashraf HA, Mohiuddin M, Maqsood, Maqsood A, Ul Haq I, Xing G, Raza G and Bhat JA (2023). Molecular and genetic insights into secondary metabolic regulation underlying insect-pest resistance in legumes. *Functional & Integrative Genomics*, 23(3):217. <https://doi.org/10.1007/s10142-023-01141-w>
- Raza A, Charagh S, **Karikari B**, Sharif R, Yadav V, Mubarik MS, Habib M, Zhuang Y, Zhang C, Chen H, Varshney RK, and Zhuang W (2023). miRNAs for crop improvement. *Plant Physiology and Biochemistry*, 201:10785. <https://doi.org/10.1016/j.plaphy.2023.107857>
- Karikari B**, Maale, MD, Anning, E, Akakpo, DB, Abujaja, AM, and Addai, IK (2023). Cowpea cropping systems, traits preference and production constraints in the upper west region of Ghana: farmers' consultation and implications for breeding. *CABI Agriculture and Bioscience*, 4:17 (2023). <https://doi.org/10.1186/s43170-023-00159-1>
- Tadda SA, Li C, Ding J, Li J, Wang J, Huang H, Fan Q, Chen L, He P, Ahiakpa JK, **Karikari B**, Chen X and Qiu D (2023). Integrated metabolome and transcriptome analyses provide insight into the effect of red and blue LEDs on the quality of sweet potato leaves. *Frontiers in Plant Science*, 14:1181680. <https://doi.org/10.3389/fpls.2023.1181680>

**Issifu, M.**

#### **Publications**

- Issifu, M.**, Naitchede, L.H.S., Ateka, E.M., Onguso, J. and Ngumi, V.W. (2023). Synergistic effects of substrate inoculation with *Pseudomonas* strains on tomato phenology, yield, and selected human health-related phytochemical compounds. *Agrosystems, Geosciences and Environment*, e20435. <https://doi.org/10.1002/agr2.20435>
- Issifu, M.**, Songoro, E.K., Onguso, J., Ateka, E.M., Ngumi, V.W. (2022). Potential of *Pseudarthrobacter chlorophenolicus* BF2P4-5 as a Biofertilizer for the Growth Promotion of Tomato Plants. *MDPI Bacteria*, 1:191-206. <https://doi.org/10.3390/bacteria1040015>.
- Issifu, M.**, Edinah, K.S., Niyomukiza, S., Ateka, E.M., Onguso, J. and Ngumi, V.W. (2022). Identification and in vitro Characterization of Plant Growth-promoting *Pseudomonas* spp. isolated from the Rhizosphere of Tomato (*Lycopersicon esculentum*) Plants in Kenya. *Universal Journal of Agricultural Research*, 10(6):667-681. <http://www.hrpub.org> DOI: 10.13189/ujar.2022.100608.
- Niyomukiza, S., Owino, W., Maina, J.M., Maina, N. and **Issifu, M.** (2022). Concomitant Production of  $\alpha$ -Amylase and Protease by *Bacillus Aeri* Strain FPWSHA Isolated from Food Wastes. *Biointerface Research in Applied Chemistry*, 13(4):310. <https://doi.org/10.33263/BRIAC134.310>.

**Hudu, A.R.**

#### **Publications**

- Mahunu, G.K., Afoakwah, N.A., **Hudu, A.R.** and Apaliya, M.T. (2022). Improvement of Indigenous Fermentation Technologies for Certain Ghanaian Fermented Foods. In *African Fermented Food Products-New Trends* (pp. 497-509). Springer, Cham.

Mahunu, G.K., Afoakwah, N.A., Mariod, A.A., **Hudu, A.R.** and Tahir, H.E. (2022). Fermentation of Cocoa Bean. In *African Fermented Food Products-New Trends* (pp. 473-485). Springer, Cham.

## Department of Food Security and Climate Change

### Staff

| Name          | Qualification                              | Rank/Position            |
|---------------|--------------------------------------------|--------------------------|
| Andani, A.    | B.A; MPhil and PhD (Ghana)                 | Senior Lecturer & HOD    |
| Al-hassan, S. | B.A. (Cape Coast); MPhil and PhD (Ghana)   | Professor & VC           |
| Daadi, E.B.   | BSc (Tamale), MPhil (Ghana); PhD (Germany) | Senior Lecturer          |
| Yussif, A.S.  | BSc and MPhil (Kumasi)                     | Lecturer                 |
| *Nabils, C.K. | BSc (Tamale), MPhil (Ghana)                | Lecturer                 |
| Tetteh, B.    | BSc and MPhil (Tamale)                     | Lecturer                 |
| *Abdulai, M.  | BSc and MPhil (Tamale)                     | Lecturer                 |
| Karim, A.     | BSc & MPhil (Tamale)                       | Assistant Lecturer       |
| Adongo, G.T.  | BSc (Kumasi)                               | Administrative Secretary |

### Student Population

| Programme                                 | Male | Female | Total     |
|-------------------------------------------|------|--------|-----------|
| BSc Food Systems                          | 0    | 3      | 3         |
| MPhil Sustainable Agric. And Food Systems | 6    | 0      | 6         |
| PhD Sustainable Agric. And Food Systems   | 2    | 0      | 2         |
| <b>Total</b>                              |      |        | <b>11</b> |

### Publications

#### Daadi, B.E.

Cobbinah, E., Alhassan, H. and **Daadi, B.E.** (2024). Perceived impacts of the COVID-19 pandemic: Does farm households’ capability influence food security resilience in Ghana? *International journal of social economics*, ISSN: 03068293 DOI: 10.1108/IJSE-10-2023-0824, <https://www.emerald.com/insight/content/doi/10.1108/IJSE-10-2023-0824>.

## Department of Agribusiness

### Staff

| Name               | Qualification                                                                                 | Rank/Position                       |
|--------------------|-----------------------------------------------------------------------------------------------|-------------------------------------|
| Boateng, F.V.      | B.Sc. (UDS, Tamale, Gh), M.Phil. KNUST, Kumasi, Gh) Ph.D. (UDS, Tamale, Gh)                   | Senior Lecturer/ Head of Department |
| Danso - Abbeam, G. | B.Sc. (Ghana), M.Phil. (KNUST, Kumasi, Gh), Ph.D. (UKZN, South Africa)                        | Associate Professor                 |
| Abdul- Rahaman, A. | B.Sc., M.Phil. (UG. Accra, Gh.), Ph.D. (Kiel, Germany)                                        | Associate Professor                 |
| Yeboah, R.W.N      | B.Sc. (University of Ibadan, Nigeria), MPhil (University of Ibadan, Nigeria), PhD (UG, Ghana) | Senior Lecturer                     |
| Yakubu, B. I.      | B.Sc. (UDS, Tamale, Gh), M.Sc. (Wageningen, Netherlands)                                      | Senior Lecturer                     |
| Ehiakpor, D. S.    | B.Sc. (KNUST, Kumasi, Gh), M.Phil. (Ghana), Ph.D. (UDS, Tamale, Gh)                           | Senior Lecturer, Sabbatical leave   |
| Guo, E.            | B.Sc. (UDS, Tamale, Gh), M.Phil. (UG, Gh)                                                     | Senior Lecturer                     |
| Kudadze, S.        | B.Sc. (UDS, Tamale, Gh), M.Phil., (UDS, Tamale, Gh)                                           | Lecturer. Study leave               |

|                  |                                                                          |                                                         |
|------------------|--------------------------------------------------------------------------|---------------------------------------------------------|
| Setsoafia, E. D. | B.Sc., M.Phil. (UG, Accra, Gh), Ph.D. (Lincoln, New Zealand)             | Senior Lecturer                                         |
| Mohammed, S.     | B.Sc. (UDS, Tamale, Gh), M.Phil. (UG, Accra, Gh.), Ph.D. (Kiel, Germany) | Snr Lecturer/<br>Departmental Quality Assurance Officer |
| Abdul Fatawu, S. | B.A. (UG, Accra, Gh), M.Phil. (UG, Gh)                                   | Lecturer                                                |
| Cobbinah, T.M.   | B.Sc. (UDS, Tamale, Gh), M.Phil., (UDS, Tamale, Gh)                      | Lecturer                                                |
| Shiraz, H        | B.A. (UG, Accra, Gh), M.Phil. (UG, Accra, Gh)                            | Lecturer                                                |
| Amowine, J       | B.Sc. (UDS, Tamale, Gh)                                                  | Research Assistant                                      |

## Publications/Chapter in a Book and Papers

### Boateng, F.V.

**Boateng, V.F.** (2024). Examining net returns efficiency in local beef retailing in Tamale, Ghana: a stochastic frontier model approach. *Ghana Journal of Science Technology and Development (GJSTD) Review*, Vol. ahead-of-print No. ahead-of-print.

Alhassan, A.K., Danso-Abbeam, G., **Boateng, V.F.**, Edinam Dope Setsoafia, E.D. & Mabe, F.N. (2024). Determinants of adoption intensity of sustainable agricultural practices among smallholder farmers in Savannah Region, Ghana. *Ghana Journal of Science Technology and Development (GJSTD) Review*, Vol. ahead-of-print No. ahead-of-print.

Alhassan, A.K., **Boateng, V.F.** & Danso-Abbeam, G. (2023), Impact of village saving groups on adoption intensity of sustainable agricultural practices among smallholder farmers in Northern region, Ghana, *Agricultural Finance Review*, Vol. 83 (No. 4/5, pp. 675-690. <https://doi.org/10.1108/AFR-01-2023-0001>

**Boateng, V.F.**, Dokonh, SA & Cobbinah, M.T. (2023). Drivers of smallholder farmers; organic farming adoption and the organic share of their total cropland and in the Northern Ghana. *Journal of All Life*, Vol. 16, No 1, 2224526.

### Danso-Abbeam, G.

**Danso-Abbeam, G.**, Okolie. C.C., Ojo, T.O & Ogundej, A.A. (2024). Understanding drought impact on livelihoods and risk management practices: South African smallholder farmers' perspectives. *Natural Hazard*, <http://doi.org/10.1007/s11069-024-06561-w>.

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Selelo, O.T, **Danso-Abbeam G.** & Ogundej, A.A (2024). Impact of agroecological practices on farm performance in Botswana. *Renewable Agriculture and Food Systems* 39, e13, 1–12.

Torsu, D.A., **Danso-Abbeam, G.**, Ogundej, A.A., Owusu, V. & Owusu-Sekyere (2024). Heterogenous impacts of greenhouse farming technology as climate-smart agriculture on household welfare in Ghana. *Journal of Cleaner Production*, 434:139785.

Asale, M.A., **Danso-Abbeam, G.** & Ogundej, A.A. (2024). Livestock ownership and household food security in northern Ghana: is there a nexus? *SN Social Science*, <https://doi.org/10.1007/s43545-024-00833-9>.

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Bello, L.O., Baiyegunhi, L.J.S. & **Danso-Abbeam, G.** (2024). Substance use and labour market nexus in South Africa. *Scientific African*, 23: e02093.

- Okolie, C. C., Ogunleye, O. T., **Danso-Abbeam, G.**, Ogundeji, A. A., & Restás, Á. (2024). Smallholder Farmers' Coping and Adaptation Strategies to Climate Change: Evidence from a Bibliometric Analysis. *Environmental and Sustainability Indicators*, 100451.
- Djokoto, J. G., Ehiakpor, D. S., **Danso-Abbeam, G.**, & Korir, L. (2024). Investment development path for developed economies: Is agriculture different? *Open Agriculture*, 9(1), 20220333.
- Osei-Adu, J., Aidoo, R., Fialor, S. C., Ennin, S. A., Osei, K., Asante, B. O., & **Danso-Abbeam, G.** (2024). Impact of positive selection technology on seed yam productivity. *Heliyon*, 10(9).
- Alhassan, A. K., Boateng, V. F., & **Danso-Abbeam, G.** (2023). Impact of village saving groups on adoption intensity of sustainable agricultural practices among smallholder farmers in Northern region, Ghana. *Agricultural Finance Review*, 83(4/5), 675-690.

#### **Abdul-Rahaman, A.**

- Ma-Azu, A-J., **Abdul-Rahaman, A.**, Zakaria, A. & Lamptey, C. Y. **2024**. Market channel participation amongst smallholder rice farmers in the northern region of Ghana. *Journal of Agribusiness in Developing and Emerging Economies*, DOI 10.1108/JADEE-08-2022-0167.
- Jonas Baagyere, J., **Abdul-Rahaman, A.**, Wongnaa, C. A., Amfo, B., Issahaku, G., Damba, T. O., Abdulai, A-M. **(2023)**. Organization and performance of chicken egg marketing in Northern Ghana. *Journal of Agriculture and Food Research*, 12:100633, DOI: 10.1016/j.jafr.2023.100633.
- Wongnaa, C. A., Abudu, A., **Abdul-Rahaman, A.**, Akey, E. A., Prah, S. **(2023)**. Input credit scheme, farm productivity and food security nexus among smallholder rice farmers: evidence from North East Ghana. *Agricultural Finance Review*, DOI: 10.1108 /AFR-03-2023-0039.
- Issahaku, G., Kornher, L., Saiful Islam, A. H. M. & **Abdul-Rahaman, A.** **(2023)**. Heterogeneous Impacts of Home-Gardening on Household Food and Nutrition Security in Rwanda. *Food Security*, DOI: <https://doi.org/10.1007/s12571-023-01344-w>.
- Abdul-Rahaman, A.**, Issahaku, G. & Ma, W. **(2023)**. Agrifood system participation and production efficiency among smallholder vegetable farmers in Northern Ghana. *Agribusiness: An International Journal*, DOI: 10.1002/agr.21793.
- Ma, W., **Abdul-Rahaman, A.** & Issahaku, G. **2023**. Welfare implications of participating in agri-value chains among vegetable farmers in Northern Ghana. *Agribusiness: An International Journal*, DOI: 10.1002/agr.21792.
- Mohammed, S** Pede, V., **Mohammed, S.**, Valera, H. G., Ibrahim, M., and Antonio, R. J. (2024). Livelihood diversification and household welfare among farm households in the Philippines. *Agricultural Economics*, 1-17. <https://doi.org/10.1111/agec.12864>.

#### **Abdul-Fatawu, S**

- Anaman, K. A., & **Shaibu, A. F.** (2024). Development of regional input-output tables for Northern Ghana: An analysis using location quotient methods. *Cogent Social Sciences*, 10(1), 2340429.
- Musah, A., Yakubu, I. N., & **Shaibu, A.-F.** (2023). Making a digital and financial leap towards sustainable tourism in Ghana. *IIMBG Journal of Sustainable Business and Innovation*, 1(2), 98-113.

#### **Setsoafia, E. D.**

- Nkegbe, P. K., Araar, A., Abu, B. M., Ustarz, Y., Alhassan, H., **Setsoafia, E. D.**, & Abdul-Wahab, S. (2023). Rural non-farm engagement and agriculture commercialization in Ghana. *Journal of Agribusiness in Developing and Emerging Economies*. <https://doi.org/10.1108/JADEE-12-2021-0332>

**Cobbinah, M.T.**

Boateng, V.F., Dokonh, SA & **Cobbinah, M.T.** (2023). Drivers of smallholder farmers; organic farming adoption and the organic share of their total cropland and in the Northern Ghana. *Journal of All Life*, Vol. 16, No 1, 2224526.

**Department of Horticulture****Staff**

| <b>Name</b>      | <b>Qualification</b>                                                     | <b>Rank/Position</b>                                           |
|------------------|--------------------------------------------------------------------------|----------------------------------------------------------------|
| Dawuda, M. M.    | BSc. (UCC, Cape Coast, Gh.), MSc. (Kumasi, Gh), PhD (Lanzhou, China)     | Snr. Lecturer/Head of Department                               |
| Nyarko, G.       | BSc, MSc (Kumasi, Gh), PhD (Nottingham, UK)                              | Professor                                                      |
| Abubakari, A. H. | BSc. (UDS, Tamalet, Gh.), MSc. (Kumasi, Gh), PhD (Kumasi, Gh)            | Associate Prof./Vice Dean                                      |
| Abu, M.          | Dip., B.Sc., M.Sc., Ph.D. (KNUST, Kumasi, Gh)                            | Associate Professor/Academic Advisor – Postgraduate Programmes |
| Bayor, H.        | BSc. (KNUST, Kumasi, Gh.), MSc. (Thunder Bay, Canada), PhD (Reading, UK) | Snr. Lecturer                                                  |
| Yakubu A.        | BSc (Tamale, Gh), MPhil, PhD (Tamale, Ghana)                             | Snr Lecturer                                                   |
| Chimsah, F. A.   | BSc., MPhil (UDS, Tamale, Gh), PhD (Lanzhou, China)                      | Lecturer                                                       |
| Osei-Kwarteng M. | BSc (KNUST, Kumasi, Ghana); MSc. (Hanover, Germany)                      | Lecturer                                                       |
| *Imoro, Y.       | BSc. (UDS, Tamale, Gh), MSc. (Leibniz University of Hannover, Germany)   | Lecturer                                                       |
| Ayishetu Adam    | BSc, MPhil (Tamale, Gh)                                                  | Lecturer                                                       |
| Danquah W.       | BSc., MPhil (UDS, Tamale, Gh)                                            | Assistant Lecturer                                             |
| Muntari, S.      | BSc (Tamale, Gh), MPhil (Kumasi, Gh)                                     | Assistant Lecturer                                             |

**Publications****Dawuda, M. M.****Journal articles**

- Quandahor, P., Mahama, G.Y., Yahaya, I., Kusi F., Yirzagla, J., Sugri, I., Alhassan, A.K., **Dawuda, M.M.**, Azizi, A.-S., Tengey, T.K., Yahaya, A., Ogum, M.A., Combey, R., Kunlen, V., Nyuor, A.B., Aziiba, E.A., Hashim, I., Yakubu, R. and Jinbaani, A.N. (2023) Nitrogen Fertilizer Rates and Pesticides Interaction Effect on Maize and Fall Armyworm Performance in Northern Ghana. Open Access Library Journal.
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**Prof. Nyarko, G.****Journal articles**

- Anani, P. Y., Bayor, H., Karikari, B., Amegbor, I. K., **Nyarko, G.**, Hudu, A. R., Labuschagne, M. (2024). Exploring morphological variation and stability in hot pepper (*Capsicum annuum*) germplasm collection from the northern region of Ghana. *Scientia Horticulturae*, 337 (2024) 113509.
- Nimatu, H. M., **Nyarko, G.**, Bayor, H. (2023). Effects of different biochar and the impact of heavy metals on growth and yield of amaranthus at Zagyuri irrigation field Tamale, Ghana. *Asian Journal of Biological Sciences*, 16 (3): 322-336.
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- Karg, H., Akoto-Danso, E. K., Amprako, L., Drechsel, P., **Nyarko, G.**, Lompo, D. J-P., Ndzerem, S., Sidibé, S., Hoschek, M., Buerkert, A. (2023). A spatio-temporal dataset on food flows for four West African cities. *Scientific Data* 10: 263 |

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- L'öwenstein, W., Wetzel, C., Mustapha I., Drechsel P. and **Abubakari, A. H.** (2024) Market demand for and producer profits of certified safe cabbage: Evidence from test sales in traditional food markets in Northern Ghana. *World Development* 183, 106739
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## **Moomin A.**

### **Journal article**

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## **Bayor, H.**

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- Anani, P. Y., **Bayor, H.**, Karikari, B., Amegbor, I. K., Nyarko, G., Hudu, A. R., & Labuschagne, M. (2024). Exploring morphological variation and stability in hot pepper (*Capsicum annum*) germplasm collection from the northern region of Ghana. *Scientia Horticulturae*, 337(July), 113509.
- Haruna, M. N., Nyarko, G., & **Bayor, H.** (2023). Heavy metals and pathogens concentrations of soil and wastewater for irrigating vegetables in the Zagyuri community vegetable field in the Tamale Metropolis of Ghana. *Journal of Energy and Natural Resource Management (JENRM)*, 9(1), 89-102.
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**Osei-Kwarteng M.****Journal articles**

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**Department of Agricultural Mechanisation and Irrigation Technology****Staff**

| <b>Name</b>                | <b>Qualification</b>                                                           | <b>Rank/Position</b>                             |
|----------------------------|--------------------------------------------------------------------------------|--------------------------------------------------|
| Korese, J. K               | BSc (UDS, Tamale, Ghana), M.Sc. (Hohenheim, Germany), PhD (Kassel, Germany)    | Assoc. Professor/HoD                             |
| Kranjac-Berisavljevic, G.* | BSc. (Belgrade, Yugoslavia), MSc. (Bari, Italy), D. Litt (St. Cl.), PhD(Ghana) | Professor                                        |
| Adongo, T. A.              | BSc., MPhil (UDS, Tamale, Ghana), PhD (KNUST, Kumasi, Ghana)                   | Senior Lecturer/Faculty Examinations Coordinator |
| Gandaa, B. Z.              | BSc. (UDS, Tamale ; Ghana), MPhil. (Ghana), PhD (UDS, Tamale, Ghana)           | Senior Lecturer                                  |
| Gbedzi, V.D.*              | BSc. (KNUST, Kumasi, Ghana), PgD, MSc. (IHE, Delft, The Netherlands)           | Senior Lecturer                                  |
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| Ayambire, C. A.            | BSc. (UDS, Tamale, Ghana), MPhil (KNUST, Kumasi, Ghana)                        | Lecturer                                         |
| Dogbey, R. K.              | BSc., MPhil (UDS, Tamale, Ghana)                                               | Assistant Lecturer                               |
| Achaglinkame, M. A.        | BSc. (KNUST, Kumasi, Ghana), MPhil (UDS, Tamale, Ghana),                       | Assistant Lecturer                               |

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## Publications

**Korese, J. K.**

**Korese, J. K.** and Achaglinkame, M.A. (2024). Convective drying of *Gardenia erubescens* fruits: Effect of pretreatment, slice thickness and drying air temperature on drying kinetics and product quality. *Heliyon*, Vol. 10, Article Nr. e25968.

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**Kranjac-Berisavljevic, G.\***

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Nti, E.K., **Kranjac-Berisavljevic, G.** and Doke, D.A. (2024). Water security and sustainability issues in Ghana's Pra River Basin: an introduction – projected usefulness of artificial intelligence. *Technological Sustainability*, <https://doi.org/10.1108/TECHS-05-2024-0050>.

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**Adongo, T. A.**

## Publications

**Adongo, T. A.**, and Abagale, F. K. (2024). Estimation of water inflows to reservoirs of irrigation dams in the Guinea Savannah ecological zone of Ghana. *Water Practice and Technology*, Vol. 19, No. 5, pp. 1624-1643.

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- Sibale, D., **Adongo, T. A.**, Umkiza, E., Ntole, R., Chikavumbwa, S., Bwambale, E., and Jeremaiho, Z. (2023). Review of hydraulic performance of open-channel flow-measuring flumes. *Acta hydrotechnica*, Vol. 36, No. 64, pp. 31-55.
- Sekyere, F. O, Abdul-Ganiyu, S. and **Adongo, T. A** (2023). The Performance evaluation of Irrigation Schemes: Performance evaluation of Irrigation schemes: A case study of Akumadan and Kaniago irrigation schemes in the transition agro-ecological zone of Ghana. *Agricultural Engineering International: CIGR Journal*, Vol. 25, No. 4, pp. 155-173.

**Alenyorege, A. E.**

#### **Publication**

- Alenyorege, E. A.**, Raphael, L. I., & Achaglinkame, M. A. (2024). Effect of steam blanching and storage durations on the physicochemical properties of white yam (*Dioscorea rotundata*) slices. *Asian Food Science Journal*, Vol. 23, Nr. 3, pp.11-19.

#### **Book Chapter Publication**

- Ayim, I., Ambenne, M., Commey, V., & **Alenyorege, E. A.** (2024). Health and nutritional perspectives of foods in the middle belt of Ghana. In Aworh, O. C., Owusu-Darko, P. G., Lelieveld, H., Andersen, V., Prakash, V., Prakash, J. & Baiçu, A. (eds.), *Nutritional and Health Aspects of Food in Western Africa*. Academic Press, pp. 75-109.

**Gandaa, B. Z.**

#### **Publications**

- Collins, C. N., & **Gandaa, B. Z.** (2024). Performance evaluation of sweet corn cultivated in greenhouse in Northern Ghana. *International Journal of Irrigation and Agricultural Development (IJIRAD)*, Vol. 8, Nr. 1, pp. 410-420.
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**Appah, S.**

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- Ayambire C.A, Adongo T.A, and **Appah S.** (2024). Soil Forces prediction on animal traction operation in Bongo District of the Upper East Region of Ghana, *International Journal of Environment and Climate Change*, Vol. 14, No. 7, pp. 650-658.

**Appah, S.,** Amoah A, E., and Ayambire C. A. (2024). Analogous charging effect of surfactant-pesticide spray jet on droplet characteristics and deposition on hydrophobic leaf surfaces. *European Journal of Agriculture and Food Sciences*, Vo. 6, No. 1, pp. 43–50.

**Blege, P. K.**

#### **Publications**

Keteku, A. K., Amegbor, I. K., Frimpong, F., Dormatey, R., Blege, P., Yeboah, S., ... & Aggrey, H. (2024). Sustainable agricultural practices: Enhancing rice yield and reducing methane emissions in degraded soils via soil amendments and silicon application. *International Journal of Agronomy*, Vol. 2024, Nr 1, Article ID 928777.

**Ayambire, C. A.**

#### **Publications**

Ayambire C.A, Adongo T.A, and **Appah S.** (2024). Soil Forces prediction on animal traction operation in Bongo District of the Upper East Region of Ghana, *International Journal of Environment and Climate Change*, Vol. 14, No. 7, pp. 650-658.

**Appah, S.,** Amoah A, E., and Ayambire C. A. (2024). Analogous charging effect of surfactant-pesticide spray jet on droplet characteristics and deposition on hydrophobic leaf surfaces. *European Journal of Agriculture and Food Sciences*, Vo. 6, No. 1, pp. 43–50.

**Dogbey, R. K.**

#### **Publications**

Ayertey, A. K., Adongo, T. A., and **Dogbey, R. K.** (2024). Physicochemical Characteristics of Water in the Bontanga Irrigation Dam in the Guinea Savannah Agro-Ecological Zone of Ghana. *International Journal of Environment and Climate Change*, Vol. 14, No. 5, pp. 157-176.

**Achaglinkame, M. A.**

#### **Publications**

Korese, J. K. and **Achaglinkame, M.A.** (2024). Convective drying of *Gardenia erubescens* fruits: Effect of pretreatment, slice thickness and drying air temperature on drying kinetics and product quality. *Heliyon*, Vol. 10, Article Nr. e25968.

Asare, B. K., **Achaglinkame, M. A.**, Sam, F. E., Atuna, R. A. and Amagloh, F. K. (2024). Yellowness of egg yolks influences consumer preference for eggs in Ghana. *International Food Research Journal*, Vol. 31, No. 2, pp. 486-495.

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## Department of Crop Science

### Staff

| Name           | Qualification                                                                                        | Rank/Position                                   |
|----------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| Dzomeku, I.K.  | B.Sc. (KNUST, Kumasi, Gh), P.G. (As, Norway), M.Phil. (Ahmadu Bello, Zaria, Ng), Ph.D. (Reading, UK) | Professor                                       |
| Sowley, E.N.K  | BSc, Dip. Ed. (UCC, Cape Coast, Gh); MPhil (Gh); PhD (Reading)                                       | Professor                                       |
| Addai, I. K.   | BSc (UDS, Tamale, Gh); MSc (KNUST, Kumasi, Gh); PhD (Sussex, UK)                                     | Associate Professor                             |
| Adu-Gyamfi, R. | BSc (UDS, Tamale, Gh); MPhil (UG, Legon, Gh); PhD (Reading, UK)                                      | Associate Professor/Campus Hall Master          |
| Badii, K. B    | BSc (UDS, Tamale, Gh); MPhil (UG, Legon, Gh); PhD (UG, Legon)                                        | Associate Professor/Campus Examinations Officer |
| Lamptey, S.    | BSc (UCC, Cape Coast, Gh); MPhil (UG, Legon, Gh); PhD (Lanzhou, China)                               | Associate Professor/HoD                         |
| Alidu, S.M.    | BSc (UDS, Tamale, Gh); MSc, (KNUST, Kumasi, Gh); PhD (UG, Legon, Gh)                                 | Associate Professor/ Vice Dean of Students      |
| Kwodaga J. K.  | BSc (UDS, Tamale, Gh), MPhil (Gh), PhD (UDS, Tamale, Gh)                                             | Lecturer                                        |
| Mohammed, M.   | BSc. (UDS, Tamale, Gh), MTech, PhD (TUT, Pretoria, SA)                                               | Lecturer                                        |
| Abdulai, F.    | B. Sc., (UDS, Tamale, Gh), MPhil (UDS, Tamale, Gh)                                                   | Assistant Lecturer                              |

### Dzomeku, I. K.

Seidu, A.; Abudulai, M.; **Dzomeku, I.K.**; Mahama, G.Y.; Nboyine, J.A.; Appaw, W.; Akromah, R.; Arthur, S.; Bolfrey-Arku, G.; Mochiah, M.B.; et al. Evaluation of Production and Pest Management Practices in Peanut (*Arachis hypogaea*) in Ghana. *Agronomy* 2024, 14, 972. <https://doi.org/10.3390/agronomy14050972>.

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### Addai, I. K.

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**Badii, K.B**

- Soyel, J. K., Nboyine, J. A., **Badii, K. B.** (2023). Efficacy of some multi-active insecticide formulations in control of the invasive fall armyworm (*Spodoptera frugiperda*, J. E. Smith). *Ghana Journal of Horticulture*, 16 (1):82 -97
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**Alidu, M.S.****Books**

- Imoro, Z. A., Hlordze, G. B. R., Duwiejuah, A. B., Abukari, A., **Alidu, M. S.**, Acheampong, N. A. and Imoro, A. Z. (2022). Indigenous Technologies: Knowledge and Practices for Sustainable Development. In Uday, C., Anil, K., Mark, E., Gopal, K. P. and Dinabandhu, M. (eds). *Indigenous People and Nature- Insights for Social, Ecological, Technological Development*. Elsevier, Netherlands, pp. 593-612.
- Alidu M S.** (2023). Complementary Alleles can Offer Opportunity for Selecting Seedling Drought Tolerance in Cowpea. (eds). *Current Innovations in Genetics and Plant Breeding*, volume 3, pp 1-19, Integrated Publications, New Delhi India

**Articles**

- Alhassan, M., & **Alidu, S. M.** (2024). The Pursuit of Doctoral Studies in an African Context. *Journal of Education, Society and Behavioural Science*, 37(6), 202–209. <https://doi.org/10.9734/jesbs/2024/v37i61339>.
- Zinettaabu, D., Tengey, T. K., & **Alidu, S. M.** (2023). Evaluation of Cowpea F2 Population for Resistance to Flower Bud Thrips (*Megalurothrips sjostedti*). *Journal of Experimental Agriculture International*, 45(2), 47–55. <https://doi.org/10.9734/jeai/2023/v45i22104>
- Alidu, M S.** (2023). Performance of cowpea Recombinant Inbred lines for grain yield and stability under low soil moisture conditions in Northern Ghana. *Ghana Journal of Science, Technology and Development*, 9(1), 105-123. <https://doi.org/10.47881/413.967>
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- Alidu M. S.**, Abebrese, S. O, and Moro A. (2023). Plant breeders' right for food and nutritional security in Africa: Prospects and Challenges. *African Journal of Legal Issues in Technology* 15(1), 214-230.
- Matey, D., & **Alidu, M. S.** (2023). Evaluation of elite soybean (*Glycine max* L.) genotypes for nitrogen nutrition, water use efficiency and grain yield in the Guinea Savanna Agro Ecological Zone of Northern Ghana. *Journal of Plant Breeding and Crop Science*, 15(1), 1-13.
- Kwodaga J. K.** Wumbi, A. and **Kwodaga, J. K.** (2024). Effects of Glyphosate on Yield and Shelf Life of Yam: A Case Study in Wulensi in the Nanumba Traditional Area, Ghana. *International Journal of Environmental & Agriculture Research*, Vol.10, Issue. 9, pp. 58-68.

- Wumbei, A., Sowley, E. N. K., Shaw, D. and **Kwodaga, J. K.** (2024). Exploring the Potential for Sustainable Potatoes as a Crop for Northern Ghana. *International Journal of Environmental & Agriculture Research*, Vol.10, Issue. 9, pp. 90-104.
- Mohammed, M.** Gununu RP., **Mohammed M.**, Jaiswal SK, & Dakora, FD (2023) Phylogeny and symbiotic effectiveness of indigenous rhizobial microsymbionts of common bean (*Phaseolus vulgaris* L.) in Malkerns, Eswatini. *Scientific Reports* 13(1): 1702, doi: 10.1038/s41598-023-43634-5.
- Hlongwane, M. M., Dakora, F. D., **Mohammed, M.**, & Mokgalaka-Fleischmann, N. S. (2023). Bioprospecting for Rhizobacteria with the Ability to Enhance Drought Tolerance in *Lessertia frutescens*. *International Journal of Molecular Sciences*, 24(24), 17585. <https://doi.org/10.3390/ijms242417585>.
- Ngwenya ZD, **Mohammed M.** & Dakora FD (2024) Monocropping and Intercropping of Maize with Six Food Legumes at Malkerns in Eswatini: Their Effects on Plant Growth, Grain Yield and N<sub>2</sub> Fixation, Measured using the <sup>15</sup>N Natural Abundance and Ureide Techniques. *Symbiosis*, 92: 257 – 269, <https://doi.org/10.1007/s13199-024-00971-x>

### Abdulai, F.

- Abdulai, F.**, Badii, K. B., Kankam, F. and Nboyine, A. J. (2023). Influence of Enhanced Efficiency Fertilization on Fall Armyworm (*Spodoptera frugiperda* J. E. Smith) Infestations and Agronomic Performance of Maize (*Zea mays* L.). *Global Research in Environment and Sustainability*, 1(7), 51-65.

## Department of Agricultural Food and Economics

### Staff

| Staff Name     | Qualification                                                                       | Rank/Position                       |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------|
| Anang, B. T.   | BSc (Tamale), MSc (London), PhD (Helsinki)                                          | Assoc. Professor/ HoD               |
| Mabe, F.N.     | BSc (Legon, Ghana), MPhil (Legon, Ghana), PhD (UDS-Tamale, Ghana).                  | Assoc. Professor/<br>Director-CAPPS |
| Shafiwu, A. B. | Dip Bus & Adm (England), Ch.E(ACCE-USA), B.A (UDS), MPhil, PhD (UDS, Tamale, Ghana) | Lecturer                            |
| Apedo, C. K.   | BSc (Ghana), MSc (Bonn, Germany), MSc (Budapest, Hungary)                           | Lecturer/ Dept TTFPP<br>Coordinator |
| Abdulai, S.,   | B.Sc., MPhil., (UDS, Tamale, Ghana), Ph.D. (Reading, UK)                            | Lecturer                            |

### Anang, B.T.

#### Publications

- Adeboa, J., & **Anang, B. T.** (2024). Perceptions and adaptation strategies of smallholder farmers to climate change in Builsa South district of Ghana. *Cogent Social Sciences*, 10(1), 2358151.
- Asante, B. O., Prah, S., Addai, K. Y., **Anang, B. T.**, & Ng’ombe, J. N. (2024). Agricultural services and rural household welfare: empirical evidence from Ghana. *International Journal of Social Economics*, 51(7), 1-20.
- Amerino, J., Apedo, C. K., & **Anang, B. T.** (2024). Factors influencing adoption of cocoa agroforestry in Ghana: Analysis based on tree density choice. *Sustainable Environment*, 10(1), 2296162.
- Anang, B. T.**, Apedo, C. K., & Appiah-Twumasi, M. (2024). Assessment of technical efficiency and its determinants among smallholder pepper farmers in Tolon District of Ghana. *Ghana Journal of Science, Technology and Development*, 9(2), 1-15.

Owusu, R., & Anang, B. T. (2023). Consumption and preferences for mushrooms in Ghana: A comparison between regret-based and utility-based approaches. *Food and Humanity*, 1(2023), 1619-1626.

### Research Activities

- Electronic media and farm performance in northern Ghana.
- Crop varietal characteristics as climate change adaptation strategy among smallholder maize farmers in Ghana.
- Managing farm risks and smallholder farm performance.
- Impact of out-grower scheme participation in northern Ghana.

**Mabe, F.N.**

### Publications

- Mabe, F. N.**, Dauda, A. and Owusu-Sekeyere, E. (2023). Artisanal small-scale mining, farm labour attraction and household welfare in Ghana, *Resources Policy*, 86 (2023): 1-8
- Owusu-Sekyere, E., Toku, A., **Mabe, F. N.** (2023). Privatization and the Politics of Solid Waste Management in Ghana: Lessons from Experiences, *UDS International Journal of Development [UDSIJD]* Special Issue, 10 (1): 2026-5336
- Natogmah, A., Damba, O. T. and **Mabe, F. N.** (2023), "Effectiveness of certified maize and rice seeds supply outlets in Northern region: what influences smallholder farmers' decision?", *Journal of Agribusiness in Developing and Emerging Economies*, ahead-of-print No. ahead-of-print.
- Magna, E. K., Mensah, E. T., **Mabe, F. N.**, Johnson-Ashun, M., Konadu, L. O. and Appiah, E. K. (2023). Profitability Analysis of Small-Scale Cage Aquaculture Farms in the Volta Lake of Ghana, *Aquaculture Research*, 2023: 1-10
- Mabe, F. N.** (2023). Small-scale mining policies in Ghana: Miners’ knowledge, attitudes and practices, *Resources Policy*, 85 (2023): 1-8
- Wongnaa, C. A., Mbroh, J., **Mabe, F. N.**, Abokyi, E., Debrah, R., Dzaka, E., Cobbinah, S. & Poku, F. A. (2023). Profitability and choice of commercially prepared feed and farmers’ own prepared feed among poultry producers in Ghana, *Journal of Agriculture and Food Research*, 12 (2023): 1-13
- Konja, D. T., **Mabe, F. N.** and Ayamga, M. (2023). Socioeconomic factors considered in adoption and use intensity of certified groundnut seed in Northern Ghana: Cragg’s double-hurdle model approach, *Journal of Agricultural Extension and Rural Development*, 15 (2), 63-71
- Konja, D. T. & **Mabe, F. N.** (2023). Market participation of smallholder groundnut farmers in Northern Ghana: Generalised double-hurdle model approach, *Cogent Economics & Finance* (2023), 11 (1): 1-19

### Research Activities

- Agricultural productivity and efficiency analysis
- Impact assessment and evaluation of development interventions
- Agricultural policy analysis
- Resource and environmental economics
- Economics of climate change

**Shafiwu, A. B.****Publications:**

- Ravi Kumar, K. N., Naidu, G. M., & **Shafiwu, A. B. (2024)**. Exploring the drivers of Indian agricultural exports: a dynamic panel data approach. *Cogent Economics & Finance*, 12(1). <https://doi.org/10.1080/23322039.2024.2344733>.
- Ravi Kumar, K. N., Reddy, K. G., Mohan Reddy, M. J., & **Shafiwu, A. B. (2024)**. Unveiling the interplay between climate variability and economic growth in India: an auto regressive distributed lag (ARDL) framework. *Cogent Social Sciences*, 10(1). <https://doi.org/10.1080/23311886.2024.2352507>
- Kumar, N.R., **Shafiwu, A. B.**, & Prabhavathi, Y. (2024). Does the participation in modern marketing channels for dry chillies affect economic welfare? Evidence from India. *Cogent Food & Agriculture*, 10(1). <https://doi.org/10.1080/23311932.2024.2338652>
- Kumar, N.R., Gurava, R., **Shafiwu, A.B.**, & Jagan, M. R. (2024) Trade determinants and opportunities for Indian rice: a dynamic panel gravity model perspective, *Cogent Economics & Finance*, 12(1), 2312367
- Kumar, N.R., Aziz, A.A., & **Shafiwu, A.B. (2024)** Effects of Government Price Policies on Major Agricultural Commodities in Andhra Pradesh, India. *Agricultural & Rural Studies*, 2, 0002. <https://doi.org/10.59978/02010002>.
- Kumar, N.R., Madhav, M.S., Krishna K.N.T., Vijay, K.K., **Shafiwu, A.B.**, & Ishaque, M. (2024). Application of the STIRPAT Model in unravelling Carbon Dioxide (CO<sub>2</sub>) emission patterns in the India and Global scales. *Journal of Planning and Land Management*, DOI:10.36005/jplm.v2i2.48.
- Kumar, N.R., Moses S., Madhav, M.S., K Vijay Krishna, K.V., & **Shafiwu, A.B. (2024)**. Exploring carbon dioxide emissions and their drivers in global leading economies A Panel vector autoregression perspective. *Agricultural Economics Research Review* 37 (1), 13-34.
- Ibrahim, A., Akuriba, M. A. and **Shafiwu, A. B. (2024)**. The Effect of Off-farm Investment on Tomato Productivity: The Case of Irrigated Tomato in Northern Region. *ADRRI Journal of Agriculture and Food Sciences, Ghana*, 8(3), 23-42.
- Amfo, B., Vincent, A., & **Shafiwu, A.B. (2023)**. Local rice consumption and attributes considered in urban Ghana. Does internal migration matter? *Cogent Food & Agriculture*, 9:2, 2281098.
- Nirmal, R.K., Jagan, M.R., **Shafiwu, A.B.**, & Amaraendar, A.R. (2023). Impact of Farmer Producer Organizations on Price and Poverty Alleviation of Smallholder Dry Chillies Farmers in India. *Research on World Agricultural Economy* 4(3).

**Research Activities**

- Food Security and food systems
- Efficiency Analysis
- Climate Economics and Health Economics

**Apedo, C. K.****Publications**

- Anang, B. T., **Apedo, C. K.**, & Appiah-Twumasi, M. (2024). Assessment of technical efficiency and its determinants among smallholder pepper farmers in Tolon District of Ghana. *Ghana Journal of Science, Technology and Development*, 9(2), 1-15.

Amerino, J., **Apedo, C. K.**, & Anang, B. T. (2024). Factors influencing adoption of cocoa agroforestry in Ghana: Analysis based on tree density choice. *Sustainable Environment*, 10(1), 2296162.

### Research Activities

- Assessment of agricultural productivity and poverty status of farm households
- Analysis of efficiency of smaller farmers in Tolon District of Ghana.

**Abdulai, S.**

### Publications

**Abdulai, S.** (2024). Assessing the exposure and effect of adoption of improved rice varieties on the net rice income of Ghanaian farming households. *Ghana Journal of Science, Technology and Development*, 10:1.

## DEPARTMENT OF ANIMAL SCIENCE

### Staff

| Name            | Qualification                                                                   | Rank/Position                 |
|-----------------|---------------------------------------------------------------------------------|-------------------------------|
| Adzitey, F.     | B.Sc. (UDS, Ghana); M.Sc. (University of Bristol, UK); Ph.D. (USM, Malaysia)    | Professor/ Head of Department |
| Addah, W.       | B.Sc. (UDS, Ghana); M.Sc. (KNUST, Ghana), Ph.D. (University of Alberta, Canada) | Professor/ Director, DCROP    |
| Ansah, T.       | BSc. (UDS, Ghana), MSc. (KNUST, Ghana), Ph.D. (UDS, Ghana)                      | Professor/ Dean, FoAFCS       |
| Birteeb, P.T.   | B.Sc., M.Sc. (UDS, Ghana); Ph.D. (Delhi University, India)                      | Senior Lecturer               |
| Mohammed, A.    | B.Sc.; M.Phil.; Ph.D. (UDS, Ghana),                                             | Senior Lecturer               |
| Bawah, J.       | B.Sc. (UDS, Ghana), M.Phil. (KNUST, Ghana), Ph.D. (UDS, Ghana)                  | Lecturer                      |
| Abu, A          | B.Sc., M.Phil. (UDS, Ghana)                                                     | Research Fellow               |
| Awini, M.       | B.Sc., M.Phil. (UDS, Ghana)                                                     | Lecturer                      |
| Cudjoe, S.      | B.Sc., M.Phil. (UDS, Ghana)                                                     | Lecturer                      |
| Siabi, M.A.     | B.Sc., M.Phil. (UDS, Ghana)                                                     | Lecturer                      |
| Akapali, M      | B.Sc., M.Phil. (UDS, Ghana)                                                     | Research Fellow               |
| Husein, S.M.A.  | B.Sc., M.Phil. (UDS, Ghana)                                                     | Lecturer                      |
| Sulleyman, V.A. | B.Sc., M.Phil. (UDS, Ghana)                                                     | Lecturer                      |
| Adda, K.J.      | B.Sc., M.Phil. (UDS, Ghana)                                                     | Assistant Lecturer            |

**Adzitey, F.**

### Publications

Vaskó, Á., Vida, I., Vasa, L. and Adzitey, F. (2024). Correction: Opportunities within the meat supply chain in Africa – The case of beef production in Northern Ghana. *Plos One*, 19: (2): e0298803.

Aduah, M., **Adzitey, F.**, Kabiru, A.Y., Huda, N. (2024). Market, regulatory and consumer challenges of functional meat products. In: Rather, S.A., Masoodi, F.A. (eds) *Hand Book of Processed Functional Meat Products*. Springer, Cham. [https://doi.org/10.1007/978-3-031-69868-2\\_20](https://doi.org/10.1007/978-3-031-69868-2_20).

Forson, A.O., Olu-Taiwo, M.A. and **Adzitey, F.** (2024). Antimicrobial resistance and virulent nature of *Escherichia coli* from an abattoir and retail market in Ghana. *Cogent Food and Agriculture*, 10:1, 2366051.

- Agolisi, H.M., Ansah, T. and **Adzitey, F.** (2024). Chemical composition, in vitro gas production and microbial quality of rice straw supplemented with pelleted or unpelleted dried rumen digesta concentrate. *Agricultural and Food Science Journal of Ghana*, 16: 1656-1664.
- Mogre, J.W.S., **Adzitey, F.**, Teye, G.A. and Birteeb, P.T. (2024). Cattle transporters’ attitudes, indigenous knowledge, and current practices towards animal welfare, occupational well-being, and operational challenges: A survey of five regions in Ghana. *Heliyon*, 10: e27317.
- Adzitey, F.**, Anachinaba, I.A., Brown, C.A.Q., Huda, N and Rambli, M. (2024). Prevalence of resistant *Escherichia coli* isolated from local meats sold in Tema Metropolis, Ghana. *ASEAN Journal on Science and Technology for Development*, 40: 118-122.
- Aduah, M., **Adzitey, F.**, Ekli, R., Teye, A.G. and Huda, N. (2023). Phenotypic antimicrobial resistance of *Salmonella enterica* isolated from meats, humans and working tools. *Journal of Food: Microbiology, Safety & Hygiene*, 8:1-7.
- Lawal, M., **Adzitey, F.**, Ayamdoo, J.A., Damba, Y. and Zakaria, R.D. (2023). Food safety knowledge and practices among university students in the Northern Region of Ghana. *Journal of Agriculture and Food Sciences*, 21:70- 89.
- Agolisi, H.M., Ansah, T. and **Adzitey, F.** (2023). Effects of season and processing methods on chemical composition, microbial load and in vitro gas production of dried rumen digesta. *Tropical Agriculture*, 100: 222-230.
- Hasanuddin, H, Jaziri, A.Z., Shapawi, R., Mokhtar, R.A.M., Wan Norhana M. Noordin, **Adzitey, F.** and Huda, H. (2023). Functional properties of collagen from purple-spotted bone and fins extracted with different acids. *International Journal of Advanced Science Engineering and Information Technology*, 13:1190-1195.
- Kelle, C.B., **Adzitey, F.**, Julmohammad, N. and Huda, N. (2023). Sustainable improvement alternatives to animal health service delivery constraints in the Daffiama-Bussie-Issa District of the Upper West Region of Ghana. *International Journal of Advanced Science Engineering and Information Technology*, 13: 297-305.

**Addah, W.**

#### **Publications**

- Nurudeen, A.R., **Weseh, A.**, Adda, K.J., Bekele, H.K. and Mateete B. (2024) Sustainable intensification of smallholder crop-livestock farming systems in northern Ghana: optimizing groundnut plant density for grain and fodder. *Tropentag*, September 11-13, 2024.
- Abdul Rahman, N., Kotu, B.H., **Addah, W.**, Adda, J.K. and Bekunda, M. (2023). Integrating maize with legume and livestock in Ghana: The case of cowpea living mulch and maize leaf stripping for feed. Ibadan, Nigeria: IITA. Available at: <https://hdl.handle.net/10568/134835>.
- Addah, K.J., Addah, W., Husein, S. M. A., Akapali, M., Addah, W. and Abdul Rahman N. (2023). Effect of feeding stripped maize leaf harvest at silking on the growth performance, carcass and meat-eating characteristics of Djallonke Sheep. *Proceedings of 2nd Joint Biennial Conference of GSAP and GASA held at KNUST, Kumasi, 28th August, to 1st September, 2023.* pp 46 - 53.

**Ansah, T.**

**Publications**

- Ansah, T.** (2024). Pathways to sustainable ruminant livestock production in the savanna agro-ecological zone of Ghana. The International Forum on the Sustainable Development of Green and Low-carbon Agriculture and Animal Husbandry (SDGLAAH) held at the School of Agricultural Sciences, Zhengzhou, China.
- Cudjoe, S., Tenakwa, E. A., Akuffu, N.M., Akapali, M., **Ansah, T.**, Jauregui, R., R. van der Hoek, R., Yamasaki, S. and Cai, Y. (2024). Biomass yield, nutritional composition and silage fermentation characteristics of panicum and pennisetum grasses in the savanna agro-ecological zone of Ghana. The International Forum on the Sustainable Development of Green and Low-carbon Agriculture and Animal Husbandry (SDGLAAH) held at the School of Agricultural Sciences, Zhengzhou, China.
- Akapali, M., Cudjoe, S., Tenakwa, E.A., Akufo, N. M., Awini, M., **Ansah, T.**, Yamasaki, S. and Cai, Y. (2024). Preparation and fermentation of total mixed ration using local available feed resources in Ghana's savanna agro-ecological zone. The International Forum on the Sustainable Development of Green and Low-carbon Agriculture and Animal Husbandry (SDGLAAH) held at the School of Agricultural Sciences, Zhengzhou, China.
- Salifu, M.D., Tenakwa, E.A., Cudjoe, S., Imoro, Z., Adjogo, C.B. and **Ansah, T.** (2024). Biomass yield as affected by the coppicing regime and spatiotemporal storage and nutritive value of pigeon pea (*Cajanus cajan*) forage. Tropentag, Vienna, Austria, September 11-13, 2024.
- Yeboah, E., **Ansah, T.**, Schlecht E. and Adjogo, C.B. (2024). Potential options to sustainably intensify mixed crop-ruminant systems in northern Ghana. Tropentag, Vienna, Austria, September 11-13, 2024.
- Nagbila, D.A., Cudjoe, S. and **Ansah, T.** (2023). Effects of powdered monosodium glutamate (mgs) on growth performance, feed digestibility, haematology and carcass characteristics of weaner rabbits in Northern Ghana. Ghanaian Journal of Animal Science, 1: 1-12.
- Ansah, T.** (2023). Chemical composition and in vitro neutral detergent fibre digestibility of treated rice straw supplemented with Pigeon pea (*Cajanus cajan*) hay. Ghanaian Journal of Animal Science, 14:1.
- Ansah, T.**, Nassam Bawa, J. and Allegye-Cudjoe, E. (2023). Relationship between climate variability and mortality in livestock in the Savanna Agro ecological zone. International Journal of Livestock Production, (In press).
- Agolisi, H.M. and **Ansah, T.** (2023). Rumen digesta pellets concentrate, effects on digestibility, growth performance and blood profile of Djallonké sheep. Scientific African, <https://doi.org/10.1016/j.sciaf.2023.e01864>.
- Anane, N. D., Ayizanga, R., Sarkwa, F.O., **Ansah, T.** and Timpong-Jones, E.C. (2023). Spatial variability of herbage yield, grazing capacity and plant diversity in a tropical savannah rangeland ecosystem. African Journal of Range & Forage Science, 40: 71-84.

**Birteeb, P. T.****Publications**

- Mogre, J.W.S., Adzitey, F., Teye, G.A. and **Birteeb, P.T.** (2024). Cattle transporters’ attitudes, indigenous knowledge, and current practices towards animal welfare, occupational well-being, and operational challenges: A survey of five regions in Ghana. *Heliyon*, 10: e27317.
- Dramani, W., Naandam, J., Annor, S.Y., Husein, S.M.A. and **Birteeb, P.T.** (2023). Determination of most suitable methodology for measuring docility in guinea fowls (*Numida meleagris*) in Ghana. *Ghanaian Journal of Animal Science* (In press)
- Husein, S.M.A., **Birteeb, P.T.** and Braimah, A. (2023). Sheep fattening practices and marketing systems in the Sagnarigu Municipality of the Northern Region of Ghana. Proceedings of 2<sup>nd</sup> Joint Biennial Conference of GSAP and GASA held at KNUST, Kumasi, 28<sup>th</sup> August, to 1<sup>st</sup> September, 2023. pp 164 – 173.

**Mohammed, A.****Publications**

- Akarikiya, S.A., Dei, H.K. and **Mohammed, A.** (2023). Quail production systems, prospects and constraints in Ghana. *Asia Pacific Journal of Sustainable Agriculture Food and Energy*, 10 (2): 55-68.
- Mohammed, A.** (2023). Effect of multi-enzyme supplementation on growth performance of rabbits. *Asia Pacific Journal of Sustainable Agriculture Food and Energy*, 11 (1): 11-15.

**Bawah, J.****Publications**

- Husein, S.M.A., **Bawah, J.** and Zakaria, S. (2023). Sheep fattening as a business and its associated challenges in the Tamale Metropolis, Ghana. *Ghana Journal of Science, Technology and Development*, 9:124 -140.
- Ansah, T., **Bawah, J.** and Allegye-Cudjoe, E. (2023). Relationship between climate variability and mortality in livestock in the Savanna Agro ecological zone. *International Journal of Livestock Production* (Accepted).

**Abu, A.****Publications**

- Abu, A.**, Fry, F.A.A, Teye, G.A., Adzitey, F. and Abdul-Rahman, M. (2023). Sensory and nutritional qualities of beef burger with Bambara beans flour as an extender. Proceedings of 2<sup>nd</sup> Joint Ghana Society of Animal Production/Ghana Animal Science Association Conference held at KNUST, Kumasi.

**Awini, M.****Publications**

- Akapali, M., Cudjoe, S., Tenakwa, E.A., Akufo, N. M., **Awini, M.**, Ansah, T., Yamasaki, S. and Cai, Y. (2024). Preparation and fermentation of total mixed ration using local available feed resources in Ghana’s savanna agro-ecological zone. The International Forum on the Sustainable Development of Green and Low-carbon Agriculture and Animal Husbandry (SDGLAAH) held at the School of Agricultural Sciences, Zhengzhou, China.

**Cudjoe, S.**

#### **Publications**

- Cudjoe, S.,** Tenakwa, E. A., Akuffu, N.M., Akapali, M., Ansah, T., Jauregui, R., R. van der Hoek, R., Yamasaki, S. and Cai, Y. (2024). Biomass yield, nutritional composition and silage fermentation characteristics of panicum and pennisetum grasses in the savanna agro-ecological zone of Ghana. The International Forum on the Sustainable Development of Green and Low-carbon Agriculture and Animal Husbandry (SDGLAAH) held at the School of Agricultural Sciences, Zhengzhou, China.
- Akapali, M., **Cudjoe, S.,** Tenakwa, E.A., Akufo, N. M., Awini, M., Ansah, T., Yamasaki, S. and Cai, Y. (2024). Preparation and fermentation of total mixed ration using local available feed resources in Ghana's savanna agro-ecological zone. The International Forum on the Sustainable Development of Green and Low-carbon Agriculture and Animal Husbandry (SDGLAAH) held at the School of Agricultural Sciences, Zhengzhou, China.
- Salifu, M.D., Tenakwa, E.A., **Cudjoe, S.,** Imoro, Z., Adjogo, C.B. and Ansah, T. (2024). Biomass yield as affected by the coppicing regime and spatiotemporal storage and nutritive value of pigeon pea (*Cajanus cajan*) forage. Tropentag, Vienna, Austria, September 11-13, 2024.
- Nagbila, D.A., **Cudjoe, S.** and Ansah, T. (2023). Effects of powdered monosodium glutamate (mgs) on growth performance, feed digestibility, haematology and carcass characteristics of weaner rabbits in Northern Ghana. Ghanaian Journal of Animal Science, 1: 1-12.
- Tenakwa, E.A. Imoro, A.Z., **Cudjoe, S.** and Ansah, T. (2023). Influence of different harvesting regimes on the biomass yield and nutritive quality of moringa (*Moringa oleifera*) in the guinea savannah zone of Ghana. Available at: <http://repository.ruforum.org>.

**Husein, S.M.A.**

#### **Publications**

- Husein, S.M.A.,** Bawah, J. and Zakaria, S. (2023). Sheep fattening as a business and its associated challenges in the Tamale Metropolis, Ghana. Ghana Journal of Science, Technology and Development, 9:124 -140.
- Appau, D.O., Duodu, A., Bonsu, F.R.K., Kwenin, W.K.J., Atta -Poku, P.S., Amadu, B. and **Husein, S. M. A.** (2023). Phenotypic characterization of linear body measurements of Guinea pigs (*Cavia porcellus*) in the middle belt of Ghana. International Journal of Environmental & Agriculture Research, 9 (1): 1 – 10.
- Dramani, W., Naandam, J., Annor, S.Y., **Husein, S.M.A.** and Birteeb, P.T. (2023). Determination of most suitable methodology for measuring docility in guinea fowls (*Numida meleagris*) in Ghana. *Ghanaian Journal of Animal Science* (In press)
- Husein, S.M.A.,** Birteeb, P.T. and Braimah, A. (2023). Sheep fattening practices and marketing systems in the Sagnarigu Municipality of the Northern Region of Ghana. Proceedings of 2<sup>nd</sup> Joint Biennial Conference of GSAP and GASA held at KNUST, Kumasi, 28<sup>th</sup> August, to 1<sup>st</sup> September, 2023. pp 164 – 173.
- Addah, K.J., Addah, W., **Husein, S. M. A.,** Akapali, M., Addah, W. and Abdul Rahman N. (2023). Effect of feeding stripped maize leaf harvest at silking on the growth performance, carcass and meat-eating characteristics of Djallonke Sheep. Proceedings of 2<sup>nd</sup> Joint Biennial Conference of GSAP and GASA held at KNUST, Kumasi, 28<sup>th</sup> August, to 1<sup>st</sup> September, 2023. pp 46 – 53

**Husein, S.M.A.,** Agbolosu, A.A. and Ishaq, N. (2023). Domestic pigeon (*Columba Livia Domestica*) production system and marketing in the Northern Region of Ghana. Book of Abstract. Proceedings of 2<sup>nd</sup> Joint Biennial Conference of GSAP and GASA held at KNUST, Kumasi, 28<sup>th</sup> August, to 1<sup>st</sup> September, 2023. pp 46 – 53.

**Siabi, M. A.**

#### **Publications**

**Siabi, M.A.,** Ansah, T. and Inusah, H. (2024). Potential of lemongrass tea as a water replacement in broiler chicken nutrition: implications for growth performance and health. 8th World Forum for Women in Science conference held from the 15 to 17 April 2024 in Rome.

**Siabi, M.A.,** Ansah T. and Inusah, H. (2023) Lemon grass (*Cymbopogon citratus*) tea improves the growth and health performance of broiler chickens. Proceedings of 2<sup>nd</sup> Joint Ghana Society of Animal Production/Ghana Animal Science Association Conference held at KNUST, Kumasi.

**Akapali, M.**

#### **Publications**

Addah, K.J., Addah, W., Husein, S.M.A., **Akapali, M.,** Addah, W. and Abdul Rahman, N. (2023). Effect of feeding stripped maize leaf harvest at silking on the growth performance, carcass and meat-eating characteristics of Djallonke Sheep. Proceedings of 2<sup>nd</sup> Joint Biennial Conference of GSAP and GASA held at KNUST, Kumasi, 28<sup>th</sup> August, to 1<sup>st</sup> September, 2023. pp 46 - 53.

Cudjoe, S., Tenakwa, E. A., Akuffu, N.M., **Akapali, M.,** Ansah, T., Jauregui, R., R. van der Hoek, R., Yamasaki, S. and Cai, Y. (2024). Biomass yield, nutritional composition and silage fermentation characteristics of panicum and pennisetum grasses in the savanna agro-ecological zone of Ghana. The International Forum on the Sustainable Development of Green and Low-carbon Agriculture and Animal Husbandry (SDGLAAH) held at the School of Agricultural Sciences, Zhengzhou, China.

**Akapali, M.,** Cudjoe, S., Tenakwa, E.A., Akufo, N. M., Awini, M., Ansah, T., Yamasaki, S. and Cai, Y. (2024). Preparation and fermentation of total mixed ration using local available feed resources in Ghana’s savanna agro-ecological zone. The International Forum on the Sustainable Development of Green and Low-carbon Agriculture and Animal Husbandry (SDGLAAH) held at the School of Agricultural Sciences, Zhengzhou, China.

Cudjoe S., **Akapali, M.** and Ansah, T. (2024). The effect of seed treatment on the germination and agronomic characteristic of *Desmantus virgatus*. IRAD international conference at UDS-Nyankpala Campus, February, 21-24.

**Adda K. J.**

#### **Publications**

Nurudeen, A.R., Weseh, A., **Adda, K.J.,** Bekele, H.K. and Mateete B. (2024) Sustainable intensification of smallholder crop-livestock farming systems in northern Ghana: optimizing groundnut plant density for grain and fodder. Tropentag, September 11-13, 2024.

Abdul Rahman, N., Kotu, B.H., Addah, W., **Adda, J.K.** and Bekunda, M. (2023). Integrating maize with legume and livestock in Ghana: The case of cowpea living mulch and maize leaf stripping for feed. Ibadan, Nigeria: IITA. Available at: <https://hdl.handle.net/10568/134835>.

Addah, K.J., Addah, W., **Husein, S. M. A.**, Akapali, M., Addah, W. and Abdul Rahman N. (2023). Effect of feeding stripped maize leaf harvest at silking on the growth performance, carcass and meat-eating characteristics of Djallonke Sheep. Proceedings of 2<sup>nd</sup> Joint Biennial Conference of GSAP and GASA held at KNUST, Kumasi, 28<sup>th</sup> August, to 1<sup>st</sup> September, 2023. pp 46 - 53.

### Department of Agricultural Innovation Communication

| Name          | Qualification                                                                                            | Rank/Position                                    |
|---------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| Zakaria, H.   | B.Sc. (UDS, Tamale, Gh), M.Phil. (UG, Legon, Ghana),<br>PhD. (UDS, Tamale, Gh)                           | HoD/Associate Professor                          |
| Obeng, K.F.   | B.Sc., M.Phil. (UCC, Cape Coast, Gh), PhD.<br>(Wageningen, The Netherlands)                              | Associate Professor                              |
| Adam, H.      | B.Sc. (UDS, Tamale, Gh), M.Phil. (UG, Legon, Ghana),<br>PhD. (University of Reading, Berkshire, England) | Associate professor                              |
| Sulemana, N.  | B.Sc. (UCC, Cape Coast, Gh), PhD. (Wageningen, The<br>Netherlands)                                       | Deputy Director (DCROP)<br>/ Associate Professor |
| Mohammed, F.  | B.Sc. (UDS, Tamale, Gh), M.Phil (UG, Legon, Ghana)<br>PhD (UG, Legon, Ghana)                             | Senior Lecturer                                  |
| Adraki, K.P.  | B.Sc. (UDS, Tamale, Gh), MSc. (Wageningen,<br>The Netherlands)                                           | Lecturer                                         |
| Lolig, V.     | B.Sc. (UDS, Tamale, Gh), M.Phil (UG, Legon, Ghana)                                                       | Lecturer                                         |
| Mintah, S.    | B.Sc. (UCC, Cape Coast, Gh), M.Phil (UDS, Tamale, Gh )                                                   | Lecturer                                         |
| Yussif, K.    | B.Sc. (UDS, Tamale, Gh), M.Phil.(UDS, Tamale,Gh )<br>(UNU-IAS, Tokyo, Japan)                             | Lecturer                                         |
| Sumbo J.D.    | B.Sc. (UDS, Tamale, Gh ), M.Phil.(UDS, Tamale,Gh )<br>(UNU-IAS, Tokyo, Japan)                            | Lecturer                                         |
| Alidu, F      | B.Sc., (UDS, Tamale, Gh), M.Phil (UG, Legon, Ghana)                                                      | Lecturer                                         |
| Alhassan, A.  | B.Sc., M.Phil. (UDS, Tamale, Gh)                                                                         | Assistant Lecturer                               |
| Allotey, S. K | B.Sc., M.Phil. (UDS, Tamale, Gh)                                                                         | Assistant Lecturer                               |
| Lamptey, C. Y | B.Sc. (UCC, Cape Coast, Gh); MA (ACI, Akropong, Gh),<br>PhD. MPhil. (UDS, Tamale, Gh)                    | Lecturer                                         |

### Study leave or leave of absent

| Staff Name  | Qualification                                                                  | Rank/Position            |
|-------------|--------------------------------------------------------------------------------|--------------------------|
| Zakaria, H. | B.Sc. (UDS, Tamale, Gh), M.Phil. (UG, Legon, Ghana),<br>PhD. (UDS, Tamale, Gh) | HoD/ Associate Professor |

### Research Interest

1. Climate Change and sustainable agriculture
2. Agricultural Innovation and Sustainability
3. Agri-food systems, gender, and food security
4. Rural project development, training and facilitation
5. Agribusiness and rural entrepreneurship

### Publication

#### Journal article

Lamptey, C. Y., Donkoh, S. A., Sulemana, N., Azumah, S. B., Zakaria, A, **Zakaria, H.** and Dukper, L. L. (2023). A Generalized Multivariate Regression Approach to the Adoption and Disadoption of Enhanced Rice Varieties in the Northern Region of Ghana. *Ghana Journal of Agricultural Economics and Agribusiness (GJAEAB)* Vol. 4 (1), 14-32.

Lampitey, C. Y., Donkoh, S. A., Azumah, S. B., Zakaria, A, Sulemana, N., **Zakaria, H.** (2023). Channels and Methods of Communicating Agricultural Innovations to rice farmers in the Northern Region of Ghana. *Ghana Journal of Science, Technology and Development*. Vol. 9, Issue 2. Pp61-76.

| Name        | Qualification                                                            | Rank/Position       |
|-------------|--------------------------------------------------------------------------|---------------------|
| Obeng, K.F. | B.Sc., M.Phil. (UCC, Cape Coast, Gh), PhD. (Wageningen, The Netherlands) | Associate Professor |

### Areas of Research Interest

Participatory approaches, Indigenous knowledge, Rural development, Climate change Adaptation and Mitigation, Communication of Agricultural Innovations, Monitoring and Evaluation, Training, and Facilitation.

| Name         | Qualification                                                                                       | Rank/Position   |
|--------------|-----------------------------------------------------------------------------------------------------|-----------------|
| Sulemana, N. | B.Sc. (UCC, Cape Coast, Gh), M.Sc., PhD. (Wageningen, The Netherlands) (DCROP) /Associate Professor | Deputy Director |

### Research Interest

1. Impact of development projects and programmes on the livelihoods of beneficiaries
2. Sociology of food and agriculture
3. Sustainability issues in agricultural and rural development

### Publications

Lampitey, C. Y., Donkoh, S. A., **Sulemana, N.**, Azumah, S. B., Zakaria, A, Zakaria, H. and Dukper, L. L. (2023). A Generalized Multivariate Regression Approach to the Adoption and Disadoption of Enhanced Rice Varieties in the Northern Region of Ghana. *Ghana Journal of Agricultural Economics and Agribusiness (GJAEAB)* Vol. 4 (1), 14-32.

Lampitey, C. Y., Donkoh, S. A., Azumah, S. B., Zakaria, A, **Sulemana, N.**, Zakaria, H. (2023). Channels and Methods of Communicating Agricultural Innovations to rice farmers in the Northern Region of Ghana. *Ghana Journal of Science, Technology and Development*. Vol. 9, Issue 2. Pp61-76.

| Name         | Qualification                                        | Rank/Position   |
|--------------|------------------------------------------------------|-----------------|
| Mohammed, F. | M.Phil. (UG, Legon, Ghana)<br>PhD (UG, Legon, Ghana) | Senior Lecturer |

### Research Interest

1. Agricultural Technology Adoption
2. Microfinance and Microenterprise Development
3. Agricultural Innovation Systems
4. Gender and Rural Livelihoods
5. Food security and Value Chain Analysis.

**Publication****Journal article**

| Staff Name     | Qualification                                                                     | Rank/Position |
|----------------|-----------------------------------------------------------------------------------|---------------|
| Lamptey, C. Y. | BSc. (UCC, Cape Coast, Gh); MA (ACI, Akropong, Gh), MPhil. PhD. (UDS, Tamale, Gh) | Lecturer      |

**Research Interest**

1. Agricultural Extension and Rural Sociology
2. Agricultural Innovation Adoption and Disadoption
3. Agricultural Technology and Rural Development

**Publications/ Journal Articles****Publications**

**Lamptey, C. Y.**, Donkoh, S. A., Sulemana, N., Azumah, S. B., Zakaria, A, Zakaria, H. and Dukper, L. L. (2023). A Generalized Multivariate Regression Approach to the Adoption and Disadoption of Enhanced Rice Varieties in the Northern Region of Ghana. *Ghana Journal of Agricultural Economics and Agribusiness (GJAEAB)* Vol. 4 (1), 14-32.

**Lamptey, C. Y.**, Donkoh, S. A., Azumah, S. B., Zakaria, A, Sulemana, N., Zakaria, H. (2023). Channels and Methods of Communicating Agricultural Innovations to rice farmers in the Northern Region of Ghana. *Ghana Journal of Science, Technology and Development*. Vol. 9, Issue 2. Pp61-76.

| Staff Name | Qualification                                                                      | Rank/Position |
|------------|------------------------------------------------------------------------------------|---------------|
| Yussif K.  | B.Sc. (UDS, Tamale, Gh), M.Phil. (UDS, Tamale, Ghana), PhD (UNU-IAS, Tokyo, Japan) | Lecturer      |

**Research Interest**

1. Agrarian/Rural/Peri-urban Livelihoods Transformation and Sustainability,
2. Governance and sustainability outcomes of resource (mis)use and scarcity (especially for vulnerable populations such as indigenous people, women, and people with disabilities),
3. Participatory processes in science/innovations/development,
4. Environmental, food, and economic security outcomes of climate change
5. Policy/project impact analysis

| Staff Name      | Qualification                          | Rank/Position |
|-----------------|----------------------------------------|---------------|
| Allotey, S.S. K | B.Sc., M.Phil., PhD. (UDS, Tamale, Gh) | Lecturer      |

**Research Interest**

1. Agricultural policy and subsidy
2. Livelihood and rural development
3. Communication and social change

| Staff Name | Qualification                                       | Rank/Position |
|------------|-----------------------------------------------------|---------------|
| Alidu, F   | B.Sc., (UDS, Tamale, Gh ) M.phil (UG, Legon, Ghana) | Lecturer      |

### Research Interest

Climate Smart Adaptation Communication, Livelihoods and Entrepreneurship, Food security, Innovation Dissemination and Adoption, Gender and Rural Studies.

## SCHOOL OF ENGINEERING

### Introduction

The School of Engineering (SoE) was established in September 2015 to train students in various engineering disciplines. The School is envisaged to be 'A Centre of Excellence for the Development of Independent Minded Professionals with Innovative Skills in all Disciplines of Engineering by Advancing Knowledge in Science, Technology and Engineering aimed at National Development. The School has six (6) Academic Departments and two Centres.

The School currently runs MPhil/PhD degree programmes in Irrigation and Drainage Engineering at the Agricultural Engineering Department since 2019/2020, and an MPhil degree in Integrated Water Resources Management (IWRM) at the Department of Environment, Water and Wastewater Engineering in the 2023/2024 academic year respectively. International and local students patronize the postgraduate programmes, and the International students are sponsored mainly by World Bank funded WACWISA Programme.

Academic Departments and Centres of the School are listed below:

### Academic Departments

- Department of Agricultural Engineering (DAE)
- Department of Mechanical and Industrial Engineering (DMIE)
- Department of Geological Engineering (DGE)
- Department of Environment, Water, Wastewater Engineering (DEWWE)
- Department of Civil Engineering (DCE)
- Department of Electrical/Electronic Engineering (DEEE)

### List of Centres

- West Africa Centre for Water, Irrigation and Sustainable Agriculture (WACWISA)
- Energy Technology Centre (ETC).

### Student Population by Gender

| Programme                                                          | Male | Female | Total |
|--------------------------------------------------------------------|------|--------|-------|
| B.Sc. Agricultural Engineering                                     | 121  | 17     | 138   |
| B. Sc. Mechanical Engineering                                      | 151  | 28     | 179   |
| B.Sc. Department of Geological Engineering                         | 50   | 34     | 84    |
| B.Sc. Department of Environment, Water, Wastewater and Engineering | 9    | 3      | 11    |
| M.Phil./M.Sc. Irrigation and Drainage Engineering                  | 16   | 0      | 16    |
| Ph.D. Irrigation and Drainage Engineering                          | 15   | 4      | 19    |

|                                                      |   |   |
|------------------------------------------------------|---|---|
| M.Phil. Integrated Water Resources Management (IWRM) | 1 | 1 |
| <b>Grand Total</b>                                   |   |   |

### Office of the Dean

| Name             | Qualification                                                 | Rank/Position                                 |
|------------------|---------------------------------------------------------------|-----------------------------------------------|
| Shaibu, A. G.    | BSc. (UDS, Tamale, Gh), MPhil. PhD (KNUST, Kumasi, Gh), MGHIE | Associate Professor/<br>Dean                  |
| Anim-Gyampo, M.  | BSc. MSc., PhD (KNUST, Kumasi, Gh), MGHIE                     | Associate Professor/<br>Vice Dean             |
| Abilla-Buame, J. | BA (UDS, Tamale, Gh)<br>MBA (KNUST, Kumasi, Gh), CIHRM        | Senior Assistant Registrar<br>/School-Officer |

### Department of Agricultural Engineering

#### Staff

| Name             | Qualification                                              | Rank/Position                          |
|------------------|------------------------------------------------------------|----------------------------------------|
| Salifu, E.       | BSc., (UDS, Tamale Gh), MPhil., Ph.D., (KNUST, Kumasi, Gh) | Lecturer/HoD                           |
| Abagale, F. K.   | BSc., (UDS, Tamale Gh), MPhil., Ph.D., (KNUST, Kumasi, Gh) | Professor                              |
| Abdul-Ganiyu, S. | BSc., (UDS, Tamale Gh), MPhil., Ph.D., (KNUST, Kumasi, Gh) | Assoc. Professor<br>/Dean, SoE         |
| Dari, L.         | BSc., (UDS, Tamale Gh), MSc., Ph.D., (KNUST, Kumasi, Gh)   | Assoc. Prof./ Vice<br>Dean of Students |
| Agbemabiese, Y.  | BSc., MPhil., Ph.D (UDS, Tamale Gh)                        | Lecturer                               |
| Osman, R.        | BSc., MPhil., (KNUST, Kumasi, Gh)                          | Lecturer                               |
| Karimu, A.       | BSc. (KNUST, Kumasi, Gh), MPhil. (UCC, Cape Coast, Gh)     | Lecturer                               |
| *Anaba, L.A.     | BSc. (KNUST, Kumasi, Gh), MSc. (Makerere, Kampala, UG)     | Lecturer                               |
| Apuseyine, E.    | BSc. (UDS, Tamale Gh), MSc. (Ciheam-Bari, Italy)           | Assistant<br>Lecturer                  |

### Publications

#### Ing. Prof. Felix K. Abagale

##### Journal Article

- Cangola, J., **Abagale, F. K.**, Cobbina, S. J. and Osei, R. A. (2024). Prevalence of Antibiotic-Resistant Enterobacteriaceae in Domestic Wastewater and Associated Health Risks in Reuse Practices. *International Journal of Hygiene and Environmental Health*. 263(2025):114478. <https://doi.org/10.1016/j.ijheh.2024.114478>.
- Umukiza, E., **Abagale, F. K.**, Apusiga Adongo, T. and Petroselli, A. (2024). Suitability Assessment and Optimization of Small Dams and Reservoirs in Northern Ghana. *Hydrology* 2024:11(10),166. <https://doi.org/10.3390/hydrology11100166>
- Akudugu, M.A. and **Abagale, F. K.** (2024). Ethics Education in Science, Technology, Engineering and Mathematics (STEM) in Africa: A Reflection on the Successes, Failures and the Way Forward in the Era of a Global Pandemic. In: Hildt, E., Laas, K., Brey, E.M., Miller, C.Z. (eds) *Building Inclusive Ethical Cultures in STEM. The International Library of Ethics, Law and Technology*, Vol 42. Springer, Cham. [https://doi.org/10.1007/978-3-031-51560-6\\_7](https://doi.org/10.1007/978-3-031-51560-6_7)
- Cangola, J., **Abagale, F. K.** and Cobbina, S. J. (2024). A Systematic Review of Pharmaceutical and Personal Care Products as Emerging Contaminants in Waters: The Panorama of West Africa. *Science of The Total Environment*. 911 (2024). 168633. <https://doi.org/10.1016/j.scitotenv.2023.168633>.

Umukiza, E., **Abagale, F. K.** and Adongo, T. A. (2023). A Review on Significance and Failure Causes of Small-Scale Irrigation Dams in Arid and Semi-Arid Lands. *Journal of Infrastructure Planning and Engineering*. 2(2). <https://doi.org/10.22225/jipe.2.2.2023.1-9>

### Ing. Prof. Abdul-Ganiyu Shaibu

#### Chapters in Book

**Shaibu, A-G.** (2024). Assessing the challenges of crop water requirements on agricultural productivity and food security in Ghana: An empirical review. *Research Advances and Challenges in Agricultural Sciences* Vol. 2. Chapter 12. 160-179.

#### Journal Article

Eliafie, M., **Shaibu A-G.** and Issaka, Z. (2024). Assessing the impact of land use and land cover (LULC) changes on the surface runoff downstream of an ungauged Bontanga watershed in Northern Ghana. *Water Practice & Technology*, 19(4), 1348-1364.

Eliafie, W. M., **Shaibu, A-G.** and Issaka Z. (2024). Influence of long-term land use and land cover (LULC) changes on soil loss, sediment export, and deposition in the ungauged Bontanga watershed. *H2Open Journal*, 7(1), 93-113.

**Shaibu, A-G.**, Kpeibaya, P., Salifu, E. and Naoko O. (2024). Land suitability for irrigation of small reservoirs using spatial techniques in the upper regions of Ghana. *Irrigation and Drainage*. 2024;1-22. [wileyonlinelibrary.com/journal/ird](https://www.wileyonlinelibrary.com/journal/ird), John Wiley & Sons, Ltd.

Zechariah, J., **Shaibu, A-G.**, Abubakari, A-H. and Muna, M. E. (2023). Methodology: The Decision Support System for Agrotechnology Transfer (DSSAT) Software Crop Model for Agriculture Decision. *Agrotechnology*, 12(3), 1-8.

Kareem, M.O., **Shaibu, A-G.**, Samoura, M. and Dzomeku, I.K. (2023). Yield and Yield Components of Greenhouse Cucumber as Affected by irrigation Regimes and Growth Media. *Irrigation & Drainage Systems Engineering*. 12(1), 1-4.

**Shaibu, A-G.**, Sayibu, Z. and Thomas, A. A. (2023). Performance Assessment of Boreholes for Domestic Water Supply in the Tolon District of Ghana. *International Journal of Irrigation and Agricultural Development. Agricultural Science and Development. IJIRAD*, 6(2), 333 – 345.

### Dr. Elias Salifu

#### Journal Article

Demisse, B. A. Dittoh, S., **Salifu, E.**, Moges, M. M. and Belete, M. D. (2024). The impact of Ethiopian Green Legacy Initiative (GLI) on landscape functionality and plant species diversity in Lake Hawassa watershed, Ethiopia. *Ecohydrology* 17 (6). [doi.org/10.1002/eco.2676](https://doi.org/10.1002/eco.2676)

**Shaibu, A-G.**, Kpeibaya, P., **Salifu, E.** and Oka, N. (2024). Land suitability for irrigation of small reservoirs using spatial techniques in the upper regions of Ghana. *Irrigation and Drainage* 73(1). Wiley. DOI: 10.1002/ird.2913.

### Dr. Agbemabiese, Yayra Kwame

**Agbemabiese, Y. K.**, Abubakari, A. H., Dzomeku, I. K. and Shaibu, A. (2023). Water and nutrient use efficiency of soilless grown greenhouse tomato (*Lycopersicon esculentum* L.). *Cogent Food & Agriculture*, 9(2), 2275415. DOI: 10.1080/23311932.2023.2275415

**Ing. Karimu Abdulai**

**Karimu, A., Abdul-Razak, O., Ayariga, C. and Yahaya, I.** (2024). Design and Construction of a Mixed-Mode Natural Convection Solar Dryer for Mango Slices. *IJIRAD*, 8(1). 364 - 372

**Ing. Osman Abdul-Razak**

**Karimu, A., Abdul-Razak, O., Ayariga, C. and Yahaya, I.** (2024). Design and Construction of a Mixed-Mode Natural Convection Solar Dryer for Mango Slices. *IJIRAD*, 8(1). 364 - 372

**Department of Mechanical and Industrial Engineering****Staff**

| <b>Name</b>            | <b>Qualification</b>                                                                                         | <b>Rank/Position</b>       |
|------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------|
| <i>Asuako, E. L.</i>   | <i>HND (TaTU, Tamale, Gh), B-Tech. (KNUST/Ho TU, Ho), MSc. (KNUST, Kumasi, Gh), Ph.D. (JU, China), MghIE</i> | <i>Senior Lecturer/HoD</i> |
| <i>Akurugu, E. A.</i>  | <i>BSc. MSc. (KNUST, Kumasi, Gh)</i>                                                                         | <i>Lecturer</i>            |
| <i>#Boadu, M. K.</i>   | <i>BSc., MSc. (KNUST, Kumasi, Gh), MGHIE</i>                                                                 | <i>Lecturer</i>            |
| <i>*Abankwa, O. E.</i> | <i>BSc., MSc. (KNUST, Kumasi, Gh), MGHIE</i>                                                                 | <i>Lecturer</i>            |

Footnote: (#) partial study leave and (\*) full study leave

**Publications****Asuako, E. L.**

**Milku, A. K., Attiogbe, F., Atombo, C., Derkyi, N. S. A., and Asuako, E. L.** (2024). Evaluating the categorical effect of vehicle characteristics on exhaust emissions. *African Transport Studies*, 2, 100008.

**Kwame, M. A., Agyeman, D. S., Francis, A., Charles, A., and Larson, A. E.** (2024). Estimating the Key Factors Contributing to Vehicular Exhaust Emission in Ghana. *Aerosol Science and Engineering*, 1-11.

**Kukurah, J-D., Quashie, K. J., Larson, A. L.** (2024). A Review Study on Laser Shock Forming to a Newly Proposed Technique on Micro-Forming using Metallic Foils. *International Journal of Modern Engineering Research (IJMER)*. Vol. 14 (3). ISSN: 2249-6645

**Asuako, E. L., Adu-Gyamfi, S., Milku, A., Yamba, P., Kukurah, J. D., Abdulai, K., Sekyi-Ansah, J., Abdul-Razak, O., Akurugu, E. A. and Kuzmin, A.** (2023). Optimize Multiple Peening Effects on Surface Integrity and Microhardness of Aluminum Alloy Induced by LSP. *Materials Sciences and Applications*, 14, 208-221.

**Larson E. A., Adu-Gyamfi, S, Abankwa, E. O.** (2023). Influencing effects of variant laser pulse energy on fatigue behavior induced by LSP. *Emerging Materials Research*, <https://doi.org/10.1680/jemmr.22.00217>

**Yamba, P., Quashie, J. K., Asuako, E. L., Akayeti, A., Sakyi-Ansah, J., Kukurah, J. D., Tabei, V. M. and Mohammed, A. H.** (2023). Designed, Manufactured, and Evaluation of a Solid Waste Sorting Prototype for a Selected Academic Institution in Ghana: A Case study. *International Journal of Applied Physics*, (8).

**Yamba, P., Quashie, J. K., Tabei, V. M., Asuako, E. L., Akayeti, A., Sakyi-Ansah, J. and Mohammed, A. H.** (2023). A Large-size Precision Measurement Method based on Sub-FOV Calibration Splicing. *International Journal of Applied Physics*, (8)18-24, IARAS PUB.

### Book Chapters

- Larson, E. A.**, Azeko, S. T., Akowuah, E., Ansah, P. O., Adu-Gyamfi, S., Milku, A. K. and Akayeti, A. (2023). The Impact of 3 J Laser Pulse Energy to Enhance the Fatigue Lifespan of AA2024-T351 Induced via LSP. In *Technological Innovation Driving Sustainable Entrepreneurial Growth in Developing Nations* (pp. 1-27). IGI Global.
- Azeko, S. T., Boadu, J. A., Flomo, M. K., **Larson, E. A.**, Mensah, J. K., Yamba, P., and Akayeti, A. (2023). Production of Cement-Less Composite Reinforced with Polyethylene for Mechanical and Civil Engineering Applications. In *Technological Innovation Driving Sustainable Entrepreneurial Growth in Developing Nations* (pp. 28-39). IGI Global.

### Akurugu, E. A.

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### Boadu, M. K.

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## Department of Environment, Water and Waste Engineering

### Staff

| Name           | Qualification                                                                                                           | Rank/Position                  |
|----------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| Kwoyiga, L.    | BA (UDS, Tamale, Ghana), MSc (NMBU, Ås, Norway), MPhil (UiO, Oslo, Norway), PhD (TUD, Dresden, Germany)                 | Senior Lecturer/HoD            |
| * Kasei, A. R. | BSc. (UCC, Cape Coast, Ghana), MPhil (WUR, Wageningen, Holland & UCC, Cape Coast, Ghana), PhD (UNI BONN, Bonn, Germany) | Associate Professor            |
| Issahaku, A.   | BED (UEW, Winneba, Ghana), MPhil (UG, Ghana), PhD, (KNUST, Kumasi, Ghana)                                               | Associate Prof. /Director, DRI |

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|--------------|------------------------------------------------------------------------|---------------------------|
| Imoro, Z. A. | BSc (UEW, Winneba, Ghana), MPhil, PhD (KNUST, Kumasi, Ghana)           | Lecturer/Coordinator, ETC |
| Osei, A. R   | BSc, MPhil (UDS, Tamale, Ghana), PhD, (2iE, Ouagadougou, Burkina Faso) | Lecturer.                 |
| Bakobie, N.  | BSc (KNUST, Kumasi, Ghana). MSc (TU Delft, Delft, Netherlands)         | Lecturer                  |

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\*On Sabbatical

**Kwoyiga, L.**

#### **Publications**

- Kwoyiga, L. (2024).** Gender inequalities, water research and knowledge production in Ghana. *Environmental Science Policy*. Vol. 160, No. 10, pp. 38 - 53
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**Imoro, Z. A**

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**Issahaku, A**

#### **Publications**

- Issahaku, A. (2023).** Impacts of Climate Change, Land Use and Land Cover Changes on Watersheds in the Upper East Region of Ghana. *Journal of Geography, Environment and Earth Science International*. Vol. 27, No. 3, pp. 33-44. <https://doi.org/10.9734/jgeesi/2023/v27i3673>
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**Bakobie, N.**

#### **Publications**

**Bakobie, N.,** Essandoh, H. M. K., Oduro-Kwarteng, S., Appiah-Adjei, E. K., Ahammad, S. Z. and Chakma, S. (2024). Self-supply groundwater in five communities: Moshie Zongo, Aboabo, Kotei, Ayeduase and Apemso in Kumasi Metropolis, Ghana, *Heliyon*, Volume 10, No. 1, 2024, e23823, ISSN 2405-8440, <https://doi.org/10.1016/j.heliyon.2023.e23823>.

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## **Department of Geological Engineering**

### **Staff**

| <b>Name</b>      | <b>Qualification</b>                                                            | <b>Rank/Position</b>                   |
|------------------|---------------------------------------------------------------------------------|----------------------------------------|
| Zango, MS.       | BSc., MSc., Ph.D. (KNUST, Kumasi, Gh)                                           | Senior lecturer/HoD, DGE               |
| Anim-Gyampo, M.  | BSc., MSc., Ph.D. (KNUST, Kumasi, Gh),                                          | Associate Prof.r/Vice Dean, SoE        |
| Abu, M.          | BSc., (UDS, Tamale, Gh), MPhil., (UG, Legon),<br>Ph.D., (PAU, Ibadan, Nigeria)  | Senior Lecturer/Exam Officer, SoE      |
| Kazapoe, R. W.   | BSc., (UDS, Tamale, Gh), M Phil., (UG, Legon),<br>Ph.D., (PAU, Ibadan, Nigeria) | Senior Lecturer/HoD, Civil Engineering |
| Oteng-Mensah, R. | BSc. (UMaT, Tarkwah, Gh), MSc., (KNUST, Kumasi, Gh)                             | Lecturer/EO, DGE                       |

### **Publications**

**Zango, M. S.**

#### **Journal Article**

**Zango, M. S.** (2024). Groundwater quality for socio-economic purposes in central-southern parts of Ghana: Implication from multi-technique approach. *Journal of Natural Resource Management*. Vol. 10 (1), 1-15. DOI: 10.26796/jenrm.v10i1.251.

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- Abu, M.**, Bekker, A., Rizzo, A., Ehinola, O. A., Adeleye, M. A. and Asiedu, D. K. (2023). Hydrocarbon potential of the Voltaian basin of Ghana, West African Craton: Implications based on organic geochemistry and clay mineralogy. *Journal of Natural Resource Management*. Vol. 8, No. 2, 52-63
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## Kazapoe, R.W

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- Amuah, E.E.Y., Fei-Baffoe, B., **Kazapoe, R.W.**, Dankwa, P., Okyere, I.K., Sackey, LNA, Nang, DB and Kpiebaya, P. (2024). From the ground up: Unveiling Ghana's soil quality crisis and its ecological and health implications. *Innovation and Green Development*, 3(1), 100097.
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- Abu, M., Nunoo, S., and **Kazapoe, R. W.** (2023). Geochemical and multivariate statistical characterization of shales of the Oti– Pendjari Group of the Neoproterozoic Basin of Ghana: implication of paleoweathering, climatic conditions, and provenance. *Journal of Sedimentary Environments*, 1-21.
- Kazapoe, R.W.**, Okunlola, O., Arhin, E., Olisa, O., Kwayisi, D., Dzikunoo, E. A., and Amuah, E. E. Y. (2023). Compositional characteristics of mineralized and unmineralized gneisses and schist around the Abansuoso area, southwestern Ghana. *Applied Earth Science*, 132(1), 36-51.

### Chapter in a Book

- Kazapoe, R.W.**, Dzikunoo, E. A., Amuah, E. E. Y., and Dankwa, P. (2023). Understanding the Etiology of Trace Element-Related Noncommunicable Diseases–Reviewing the Ghanaian Situation. *Medical Geology: En route to One Health*, 315-324.

## Department of Civil Engineering

### Staff

| Name             | Qualifications                                                                 | Rank/Position             |
|------------------|--------------------------------------------------------------------------------|---------------------------|
| Kazapoe, R.W.    | BSc (UDS, Tamale, Gh), MPhil (Ghana), Ph.D. (UI, Ibadan, Ng)                   | Senior Lecturer/ HoD, DCE |
| Mantey, S.K.     | BSc (KNUST, Kumasi, Gh), MSc (KNUST, Kumasi, Gh), Ph.D. (ZJU, Hangzhou, China) | Lecturer                  |
| Bonso, N.K.      | BSc (KNUST, Kumasi, Gh), MSc (KNUST, Kumasi, Gh)                               | Lecturer                  |
| Oteng-Mensah, R. | BSc (UMaT, Tarkwa, Gh), MSc (KNUST, Kumasi, Gh)                                | Lecturer                  |
| Brown, D.        | BSc (KNUST, Kumasi, Gh), MSc (KNUST, Kumasi, Gh)                               | Assistant Lecturer        |

### Journal Articles

- Fei-Baffoe, B., Amuah, E.E.Y., Annan, E.L., Sulemana, A., Sackey, L.N.A., Miezah, K., Bentil, J., Nang, D.B. and **Kazapoe, R.W.** (2024). Synergistic use of cattle bile, compost and fertilizer amendments in enhancing the bioremediation of hydrocarbon-contaminated soils. *Cleaner and Circular Bioeconomy*, 100116. <https://doi.org/10.1016/j.clcb.2024.100116>
- Douti, N.B., Amuah, E.E.Y., Ibrahim, B.B., Abanyie, S.K., **Kazapoe, R.W.**, Kpiebaya, P., Sodoke, S. and Anokye, K. (2024). Ecological assessment and conservation performance of the Wechiau Hippo Sanctuary: A differential assessment of protected and unprotected zones. *Journal for Nature Conservation*, 126751. <https://doi.org/10.1016/j.jnc.2024.126751>
- Kwayisi, D., Amponsah, P. O., Agra, N. A., Nunoo, S., Thompson, J., **Kazapoe, R. W.**, Anani, C. Y., Daniel, A. and Nude, P. M. (2024). Neoproterozoic passive margin formation and evolution during the Rodinia–Gondwana supercontinent cycle at the eastern margin of the West African Craton. *Geological Magazine*. <https://doi.org/10.1017/S001675682400027X>
- Kwayisi, D., **Kazapoe, R. W.**, Alidu, S., Sagoe, S. D., Umaru, A. O., Amuah, E. E. Y. and Kpiebaya, P. (2024). Exploring Soil Pollution Patterns in Ghana's Northeastern Mining Zone using Machine Learning Models. *Journal of Hazardous Materials Advances*, 100480.
- Konate, S. I., Bolarinwa, A. T., Kwayisi, D., **Kazapoe, R. W.**, Traore, E. M., N'Tcha Daniel Kouagou, N. D. and Bouare, M. L. (2024). Provenance and tectonic setting of greywacke and siltstone of the Nampala gold deposit, Southern Mali. *Applied Earth Science*, 25726838241263698.
- Kazapoe, R. W.**, Sagoe, S. D. and Abu, M. (2024). Predicting irrigation water quality indices in a typical mining dominated area in the Upper West region of Ghana using multiple machine learning techniques. *Discover Water*, 4(1), 46.
- Kazapoe, R. W.**, Amuah, E. E. Y., Dankwa, P., Fynn, O. F., Addai, M. O., Berdie, B. S. and Douti, N. B. (2024). Fluoride in groundwater sources in Ghana: A multifaceted and country-wide review. *Heliyon*, 10(13).
- Kazapoe, R.W.**, Addai, M.O., Amuah, E.E.Y. and Dankwa, P. (2024). Characterization of groundwater in southwest Ghana: Implications for sustainable agriculture and safe water supply in a mining-dominated zone. *Environmental and Sustainability Indicators*, 22, p.100341.
- Kazapoe, R.W.**, Addai, M.O., Amuah, E.E.Y. and Sagoe, S.D. (2024). Fluid Boundaries: A Cross-Country Exploration of Groundwater Quality Amid Threats from Climate Change. *Environmental Challenges*, p.100953.
- Forson, E.D., Kwayisi, D., **Kazapoe, R.W.**, Ntori, C., Adjei, S.K., Mahamuda, A., Suleman, S., Ameyoe, P. and Amedzro, K.Y. (2024). Application of a hybrid BWM-TOPSIS approach for mineral potential mapping. *Heliyon*, 10(11).
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- Amuah, E.E.Y., Fei-Baffoe, B., **Kazapoe, R.W.**, Dankwa, P., Okyere, I.K., Sackey, L.N.A., Nang, D.B. and Kpiebaya, P. (2024). From the ground up: Unveiling Ghana's soil quality crisis and its ecological and health implications. *Innovation and Green Development*, 3(1), 100097.
- Okunlola, O., Lydia, A. U., Umaru, A. O., **Kazapoe, R. W.**, & Olisa, O. G. (2023). Mineralogy and Geochemistry of Shale Deposits in the Lower Anambra Basin, Nigeria: Implication for Provenance, Tectonic Setting and Depositional Environment. *Economic and Environmental Geology*, 56(6), 799-816.

- Kazapoe, R. W.** (2023). A review of the characteristics and geological settings of orogenic gold deposits of the Boule Mossi Domain: implication for gold exploration. *Geology, Ecology, and Landscapes*, 1-16.
- Abu, M., Zango, M. S., and **Kazapoe, R. W.** (2024). Controls of groundwater mineralization assessment in a mining catchment in the Upper West Region, Ghana: Insights from hydrochemistry, pollution indices of groundwater, and multivariate statistics. *Innovation and Green Development*, 3(1), 100099.
- Kazapoe, R. W.**, Addai, M. O., Amuah, E. E. Y., and Dankwa, P. (2023). Hydrogeochemical characterization of groundwater in the Wassa Amenfi East and Prestea-Huni Valley areas of southern Ghana using GIS-based and multivariate statistical techniques. *Sustainable Water Resources Management*, 9(5), 141.
- Kianguebene-Koussingounina, C. E., Olajide-Kayode, J. O., Oyediran, I. A., **Kazapoe, R. W.**, Amuah, E. E. Y., Naziru, B., ... and Addai, M. O. (2023). Geostatistical assessment of soils in Ibadan, Southwest Nigeria: Focus on agricultural lands. *Environmental and Sustainability Indicators*, 19, 100287.
- Douti, N. B., Amuah, E. E. Y., Acheampong, E., Dankwa, P., **Kazapoe, R. W.**, and Agyemang, E. P. (2023). Management of face masks driven by the COVID-19 pandemic, possible implications and proposed policies: A household perspective. *World Development Sustainability*, 100093.
- Kpiebaya, P., Shaibu, A. G., Yahans Amuah, E. E., **Kazapoe, R. W.**, Salifu, E., and Dekongmen, B. W. (2023). Impact of surficial factors on groundwater quality for irrigation using spatial techniques: emerging evidence from the northeast region of Ghana. *H2Open Journal*.
- Kazapoe, R. W.** (2023). Assessing the Lithium Potential of the Paleoproterozoic Rocks of the West African Craton; the Case so Far. *Geosystem Engineering*, 1-15.
- Kazapoe, R. W.**, Amuah, E. E. Y., Abdiwali, S. A., Dankwa, P., Nang, D. B., Kazapoe, J. P., and Kpiebaya, P. (2023). Relationship between small-scale gold mining activities and water use in Ghana: A review of policy documents aimed at protecting water bodies in mining Communities. *Environmental Challenges*, 100727.
- Abu, M., Nunoo, S., and **Kazapoe, R. W.** (2023). Geochemical and multivariate statistical characterization of shales of the Oti– Pendjari Group of the Neoproterozoic Basin of Ghana: implication of paleoweathering, climatic conditions, and provenance. *Journal of Sedimentary Environments*, 1-21.
- Kazapoe, R.W.**, Okunlola, O., Arhin, E., Olisa, O., Kwayisi, D., Dzikunoo, E. A., and Amuah, E. E. Y. (2023). Compositional characteristics of mineralised and unmineralised gneisses and schist around the Abansuoso area, southwestern Ghana. *Applied Earth Science*, 132(1), 36-51.
- Mantey, S. K.**, Zhang, Y., Jiang, J., Amponsah, E., & Wang, Z. (2023). Numerical model of cumulative damage evolution of offshore wind turbine grouted connection under cyclic axial load. *Ocean Engineering*, 280, 114520.
- Wang, Z., **Mantey, S. K.**, & Zhang, X. (2024). A numerical tool for efficient analysis and optimization of offshore wind turbine jacket substructure considering realistic boundary and loading conditions. *Marine Structures*, 95, 103605.

### Chapter in a Book

- Kazapoe, R.W.**, Dzikunoo, E. A., Amuah, E. E. Y., and Dankwa, P. (2023). Understanding the Etiology of Trace Element-Related Noncommunicable Diseases–Reviewing the Ghanaian Situation. *Medical Geology: En route to One Health*, 315-324.
- Acheampong, N.A., Okoampa, E., **Bonso, N.K.** and Abubakari, Z.I. (2023) *Nanohybrid Materials for Treatment of Textile Dyes*. Chapter 13. Springer Nature.

## Department of Electrical & Electronics Engineering

### Staff

| Name               | Qualification                                                        | Rank/Position      |
|--------------------|----------------------------------------------------------------------|--------------------|
| Issahaku, M.       | BSc. MSc. (KNUST, Kumasi, Gh)                                        | Lecturer           |
| Amoatey, E.T       | BSc (All Nations Uni, Koforidua, Gh), MTech (SRMIST, Chennai, India) | Lecturer           |
| Abdul-Fatawu S. Y. | BSc. (MPhil. (KNUST, Kumasi, Gh)                                     | Assistant Lecturer |
| Kujar A. S         | B. Sc (UDS, Tamale Gh), M. Sc (UAM, Niamey, Niger)                   | Assistant Lecturer |

### Issahaku, M

#### Publications

- Issahaku, M.**, Sarfo, N., Derkyi, A. and Kemausuor, F. (2024). A systematic review of the design considerations for the operation and maintenance of small-scale biogas digesters. *Heliyon*. <https://doi.org/10.1016/j.heliyon.2024.e24019>
- Imoro, A.Z., Ofori, S.A. and **Issahaku, M.** (2024). Industrial Symbiosis: A Suggested Example for Wastewater Reuse. In: Stefanakis, A.I., Nikolaou, I.E. (eds) *Circular Economy and Sustainable Development. Circular Economy and Sustainability*. Springer, Cham. [https://doi.org/10.1007/978-3-031-66007-8\\_29](https://doi.org/10.1007/978-3-031-66007-8_29)

### Amoatey E.T

#### Journal Articles

- Shukla, P.K., **Amoatey, E.T.** (2024). An Intelligent System for Tracking Fuel Levels and Traffic Jams via Federated Learning. *International Journal of Intelligent Systems* (Submitted).

### Abdul-Fatawu S. Y.

#### Publications

- Abdul-Fatawu, S. Y.**, Seini, T., Ayasu, B. and Nyatakyi, E. A. (2024). “Enhancing Reactive Power Compensation in Distribution Systems through Optimal Integration of D-STATCOM using the Pelican Optimization Algorithm”, *International Journal of Electrical Engineering and Applied Sciences (IJEAS)*, Vol 7, No 1. <https://ijeeas.utem.edu.my/ijeeas/article/view/6188>
- Twumasi, E., **Abdul-Fatawu, S. Y.** and Frimpong, E. A. (2023). “Optimal Sizing and Placement of Series Capacitors in Distribution Networks Using Modified Elephant Herding Optimization Algorithm”, *Journal of Applied Research in Electrical Engineering*, Vol 2, Issue 2. <https://doi.org/10.22055/jaree.2023.44430.1076>

- Abdul-Fatawu, S. Y.,** Twumasi, E. and Frimpong, E. A. (2023). “Optimal Integration of Multiple Shunt Reactive Compensators in Radial Distribution Systems for Loss Reduction using Modified Mountain Gazelle Optimizer (MMGO)”, *International Journal of Electrical Engineering and Applied Sciences (IJEEAS)*, Vol 6, No 2. <https://ijeeas.utm.edu.my/ijeeas/article/view/6157>
- Abdul-Fatawu, S. Y.,** Twumasi, E. and Frimpong, E. A. (2023). “Performance Enhancement of Elephant Herding Optimization Algorithm Using Modified Update Operators”, *Jurnal Nasional Teknik Elektro*, Vol. 12, No. 2. <http://jnte.ft.unand.ac.id/index.php/jnte/article/view/1124/484>
- Abdul-Fatawu, S. Y.** and Seini. T. (2023). “Improved F-parameter Mountain Gazelle Optimizer (IFMGO): A Comparative Analysis on Engineering Design Problems”. *International Research Journal of Engineering and Technology (IRJET)*, Volume 10 Issue 7. <https://www.irjet.net/archives/V10/i7/IRJET-V10I7112.pdf>
- Seini, T., **Abdul-Fatawu, S. Y.** and Katali, I. M. (2023). “Enhancing Mountain Gazelle Optimizer (MGO) with an Improved F-Parameter for Global Optimization”, *International Research Journal of Engineering and Technology (IRJET)*, Vol.10, Issue 6. <https://www.irjet.net/archives/V10/i6/IRJET-V10I6138.pdf>
- Abdul-Fatawu, S. Y.,** Twumasi, E. and Frimpong, E. A. (2023). “Modified Mountain Gazelle Optimizer Based on Logistic Chaotic Mapping and Truncation Selection”, *International Research Journal of Engineering and Technology (IRJET)*, Vol.10, Issue 5. <https://www.irjet.net/archives/V10/i5/IRJET-V10I5323.pdf>

## FACULTY OF SOCIAL SCIENCES (FSS)

### Introduction

The Faculty of Social Sciences (FSS) marks a significant milestone in the academic landscape of the University as it was established at the culmination of the 2022/2023 academic year. This transformative initiative was implemented by the Vice-Chancellor to consolidate and streamline the diverse array of social science courses previously dispersed among different faculties.

This consolidation aims to foster interdisciplinary collaboration, research, and education in the field of social sciences, providing students and scholars a vibrant hub for the exploration of societal phenomena and human behaviour.

### Departments

- History
- Political Science
- Religion and Philosophy
- Sociology and Social Work

### Programmes Developed

- B.A. History
- B.A. Political Science
- B.A. Religion and Philosophy
- B.A. Sociology
- B.A. Social Work
- M.A./MPhil/PhD Development Sociology

- M.A./MPhil/PhD Political Science

#### Student Population as at 2023/2024

| Programmes                       | Male | Female | Total |
|----------------------------------|------|--------|-------|
| Diploma in Social Administration | 5    | 0      | 5     |
| BA Political Science             | 46   | 26     | 72    |
| BA Sociology                     | 2    | 3      | 5     |
| BA Social Work                   | 8    | 19     | 27    |
| BA Sociology and History         | 2    | 1      | 3     |
| BA History                       | 5    | 3      | 8     |
| MPhil Development Sociology      | 2    | 0      | 2     |
| MPhil Political Science          | 2    | 0      | 2     |
| PhD Development Sociology        | 2    | 0      | 2     |
| PhD Political Science            | 2    | 0      | 2     |
| Total                            | 76   | 52     | 128   |

#### Dean’s Office

##### Staff

| Name         | Qualification                                                            | Rank/Position                        |
|--------------|--------------------------------------------------------------------------|--------------------------------------|
| Alhassan, E. | PhD, MPhil, B.A, (UG, Ghana)                                             | Professor/ Dean                      |
| Abubakar, A. | PhD, MPhil, BA, (UG, Ghana)                                              | Associate Professor/ Vice - Dean     |
| Belko, S.    | MA (MDX, UK), MCIPR (UK), PG. Dip. (CIPR, UK), PG. Dip. (LondonMet, UK), | Snr. Asst. Registrar/Faculty Officer |
| Hudu, S. S.  | BEd in Basic Education                                                   | Senior Administrative Assistant      |
| Fuseini, I.  | BSC in Information Technology (I.T)                                      | Senior Administrative Assistant      |

#### Department of History Staff

| Name            | Qualification                           | Rank/Position       |
|-----------------|-----------------------------------------|---------------------|
| Felix, Y.T.L.   | PhD, MPhil, (UG-Ghana), B.A (UCC, Gh)   | Associate Professor |
| Abokyi, S.N.    | PhD, MPhil (UG-Ghana), B.A (UDS-Tamale) | Lecturer / HoD      |
| Azindow, Y.u I. | PhD MPhil, B.A UG-Ghana,                | Lecturer            |

#### Abokyi, S.N.

##### Journal Articles

**Abokyi, S.N.**, Akinyoade, A., & Fordjour, F. A. (2024). The Re-Emergence of a Sniffing Culture in Tamale-Northern Ghana. *UDS International Journal of Development*, 11(1), 1114–1126.

Asamoah, P., **Abokyi, S.N.**, & Nunfam, V. F. (2024). Challenges of parents of young adults misusing psychoactive substances in small-scale mining communities in Ghana. *Cogent Mental Health*, 3(1), 1-37.

**Abokyi, S.N.**, Jebuni, T. S., & Mahama, E. S. (2024). An Anthropological Study of Indigenous Weapon Production Among the Anufor of Northern Ghana. *European Journal of Development Studies*, 4(3), 33.

## Department of Political Science

### Staff

| Name           | Qualification                                                                                                                                                                   | Rank/Position      |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Bukari, G. A.  | PhD (UG, Gh.), MSc (KNUST, Gh.), MA (UCC, Gh.) PGdip (GIMPA, Gh.), BA (UDS, Tamale.), Diploma (UG, Legon).                                                                      | Lecturer/HoD       |
| Ayanoore, I    | PhD, (University of Manchester, UK), MPhil, BA, (UG, Ghana)                                                                                                                     | Lecturer           |
| Ibrahim, M. G. | DipEd (UEW, Winneba), BA (UDS, Tamale), MPhil (UCC, Cape Coast, Gh), PhD (UCC Cape Coast, Gh).                                                                                  | Lecturer           |
| Ibrahim, N.    | B.A (UDS), MSc (Central China Normal University, China) PhD (Central China Normal University, China).                                                                           | Lecturer           |
| Amobire, A.    | B.A (UDS), MA (Bradford (UK), PhD (Hull, UK).                                                                                                                                   | Lecturer           |
| Millar, K. K   | BA, Hons (UDS), MPhil (UDS).                                                                                                                                                    | Assistant Lecturer |
| Adam, A.       | MPhil (UG, Legon), BA (UG, Legon)                                                                                                                                               | Assistant Lecturer |
| Adam, J. N.    | PhD, (University of Bern, Bern, Switzerland), MPhil, University of Cape Coast, Cape Coast, Gh., MPhil, UG, Legon, Ghana, B.A, University for Development Studies, Tamale, Ghana | Lecturer           |

### Latest publications:

**Bukari, G. A**

### Journal Articles:

- Bukari, G.A.,** Eliasu, M., & Adam, O.O. (2024). The nexus between citizen participation and engagement in elections and development in Ghana: empirical evidence from votes in four electorally swing constituencies. *Journal of Service, Technology and Development*. Vol 9 (2), 16-27.
- Bukari, G. A.,** Adua, J.Y. & Alhassan, M. (2023). How did voters decide in the 2012 and 2016 presidential elections in Ghana? The implications for future elections. *Journal of Applied Economics and Finance*. Vol 10 (4), 41-48.
- Bukari, G. A** (2023). Intra-party electoral competition and democratic consolidation: insights from parliamentary primary elections in Ghana. *Ghana Journal of Sociology and Antropology*, Vol 8 pp 60-86.
- Bukari, G. A** & Braimah, I, A (2023). The Re-Emergence of Coup D’états in Africa: Theoretical and Empirical Connections. *Russian Journal of Law*, XI (5),1009-1017. Mbowa, C. K., Iddrisu, S. & **Bukari, G. A** (2023). The youth and rituals in post-conflict rebuilding: the psychosocial dimension of post-conflict rebuilding in the Kpandai district in contemporary times. *Journal of Positive School Psychology*, Vol 7 (6), pp. 686-698.
- Mbowa, C. K., **Bukari, G. A.,** & Arah, M. L. (2023). Historical analysis of the formation and structural organization of political parties in Ghana: a diagnosis of the national democratic congress. *Russian Law Journal*, Vol XI (3), pp. 2943-2955.

### Book/Book Chapters

Bukari, G. A. (2023). *Political economy of elections and voting behaviour in Ghana’s Fourth Republic :empirical evidence*. Cambridge : Cambridge Scholars Publishing.

Bukari, G. A. (2024). Political economy of vigilantism in Ghana's 2020 general elections. In E.

- Mumuni, M. Nartey, R. Pappoe, N. Heneku & G.E. Agbozo (eds). *Communication and electoral politics in Ghana: Interrogating Transformational Technology Discourse and Multimodalities* (1st end). Palgrave MacMillan Publishers
- Bukari, G. A. (2024). The executive arm of government and public policy in Ghana. In M. Kpesa-Whyte & J.Dzisah (eds). *Public policy in Ghana: Conceptual and Practical Insights*. Palgrave MacMillan Publishers
- Bukari, G. A (2023). The undercurrents of political economy of nationalism. In: Abidde, S.O., Kumah-Abiwu, F. (eds). *Palestine, Taiwan, and Western Sahara: Statehood, Sovereignty, and the International System*. Maryland: Roman and Littlefield Ltd. pp 37-52.
- Bukari, G. A. (2023). Political Economy of Colonial and Postcolonial African Military. In: Abidde, S.O., Kumah-Abiwu, F. (eds). *The Political Impact of African Military Leaders. Contributions to Political Science*. Edinburgh: Springer Cham. pp 39-52.
- Bukari, G. A. (2023). Managing elections during a pandemic: The case of covid-19 and Ghana's 2020 general election. In E.N. Ngwainbi, & Z. L. Manda (eds). *Theory, practice, and guidelines for communicating health and pandemics in Africa*. Cambridge: Cambridge Scholars Publishing. pp 32-57.

### **Ibrahim, M. G**

- Ibrahim, M. G.**, Ateng, M. A., & Ayelazuno, J. A. (2024). Governance, institutions and human development: Rethinking government flagship projects and initiatives in Ghana, *Development Policy Review*, 00, e12809
- Ibrahim, M. G.**, Ateng, M. A., & Dassah, E. Z. (2024). Exploring interreligious dialogue spaces and pathways for peace in Ghana, *SN Social Sciences*, 4(3), 1-3
- Gbambu, A. R., **Ibrahim, M. G** (2024). Perceived influence of social media on citizens' reactions to security incidents in Tamale. *Social & Digital Media Discourse*, 5(1), 33-53
- Ateng, M. A., **Ibrahim, M. G.**, & Appiah-Boateng, S. (2024). Political violence in Ghana: Trends, triggers and intervention strategies. *SN Social Sciences*, 4(3), 71-94.
- Ibrahim, M. G.** (2023). Police and civilians fractured relationship in the Northern Region of Ghana: A search for a common ground for internal security. *Journal of African Conflicts and Peace Studies*, 5(2). Article 6.
- Gbambu, A. R., **Ibrahim, M. G.**, & Owolabi, T. O. S. (2023). An analysis of the causes and implications of media and national security disconnect in Ghana. *European Journal of Development Studies*, 3(4), 41-55.
- Ateng, M. A., & **Ibrahim, M. G.** (2023). The role of civil society organizations in deconstructing ethno-political conflict narratives through peace education: Lessons from the Northern Region of Ghana. *Journal of Peace Education*, 20(3), 251-272.

### **Ibrahim, N.**

- Baba Zakaria, A., Abdulai, M., **Ibrahim, N.** (2024). Migration, Mobility and the Formation of In-migrants Leadership among Dagombas in Ghana’s Capital City. *Human Arena, Springer Nature*, 1-19

**Akolga A.**

Akolga, A. (2024). African’s sub-regional bloc’s challenges in coordinating collective security amidst the influence of external state powers in African security governance: The case of ECOWAS and the roles of Nigeria, France, and the UNSC in the civil wars of Liberia and Mali. *African Journal of Political Science and International Relations*. Vol.18(1), pp. 10-22

**Adam A. R**

Adam, A. R. (2024). How the Global North Underdevelops the Global South: The Perspective of International Monetary System, *ISAR Journal of Arts, Humanities and Social Sciences*; Vol-2(1), pp 1-5

**Adam, J. N**

Adam, J. N. (2023). Decentralization, informal mining, and environmental health: A political ecology perspective on Ghana’s mineral wealth management. *Health Sciences Investigations Journal*, Vol. 5(2): 710 – 718.

**Department of Religion and Philosophy**

| Name            | Qualification                                                                                               | Rank/Position    |
|-----------------|-------------------------------------------------------------------------------------------------------------|------------------|
| Dassah, Z. E    | BA, MA, Ph.D, (Muenster, Germany)                                                                           | Lecturer/HoD     |
| Amonzem, D.W    | BA, Mphil (Ghana), Mphil, Ph.D, (Oslo, Norway)                                                              | Lecturer         |
| Agana, A. W.    | BA, (Ghana), MA (UEW, Winneba, Gh), Ph.D (Muenster, Germany)                                                | Lecturer         |
| Issahaku, M. M. | BA, ICC, Libya, MA, UCC, Cape Coast, Mphil. UCC, Cape Coast, Gh).                                           | Assist. Lecturer |
| Issah, M. A.    | BA, UM, Kingdom of Saudi Arabia, Mphil, UM, Saudi Arabia, PhD, UM, Saudi Arabia, PGDE, UCC, Cape Coast, Gh. | Lecturer         |

**Dassah, Z. E**

Ibrahim, M. G., Ateng, M. A., & Dassah, E. Z. (2024). Exploring interreligious dialogue spaces and pathways for peace in Ghana, *SN Social Sciences*, 4(3), 1-3

**Department of Sociology and Social Work**

| Name              | Qualification                                               | Rank/Position               |
|-------------------|-------------------------------------------------------------|-----------------------------|
| Alhassan, E.      | PhD, MPhil, B.A, (UG, Ghana)                                | Professor/ Dean             |
| Abubakar, A.      | PhD, MPhil, BA, (UG, Ghana)                                 | Assoc. Prof./ Vice - Dean   |
| Zakaria, S.       | PhD, MPhil, (UDS, Tamale), ME’d, (UCC, Gh), BE’d, (UEW, Gh) | Lecturer                    |
| Abutima, T.K.     | PhD, Mphil, BA (UG, Ghana)                                  | Lecturer                    |
| Baba, Z. A.       | MPhil, BA, (UG, Ghana)                                      | Lecturer/ TTFPP Coordinator |
| Abdul-Rahaman, A. | MPhil, BA (UG Ghana)                                        | Lecturer                    |
| Muhammed G. I.    | MPhil, BA, (UG Ghana)                                       | Lecturer                    |
| Adua, J.Y.        | MPhil, (UG Ghana), BA (UDS Ghana, Tamale)                   | Lecturer                    |
| Alhassan, M.      | MPhil, BA (UG, Ghana)                                       | Lecturer                    |

**Alhassan, E.**

**Journal Articles**

- Alhassan, E.** (2023). Assessing Gender and Educational Opportunities of Females in the Northern Region of Ghana. *International Journal of Education, Culture and Society*. Vol. 8, No. 5, 2023, pp. 211-220.
- Alhassan, E.,** (2023) Examining Professioressional Training and Continuing Education of Teachers in the Junior High Schools of the Upper West Region of Ghana. *Journal of Education and Practice* Vol.7, Issue No.5, pp. 1 – 28.
- Alhassan, E.,** (2023) Commensality and Variation in the Yagbon Community in the North Gonja District of the Savana Region of Ghana. *Journal of Sociology and Anthropology*. Vol. 7 No.1 pp 11-17
- Alhassan, E., (2023).** *Understanding the elements of Social Research: Students’ Guide*, Accra, Noyam Publishers, September, 2023.

**Abubakari, A.**

**Journal Articles**

- Abubakari, A.** (2024). Climate Change, Urbanization, Sedentarization, and Dissipation of Pastoral Fulani Culture in Ghana, *Frontiers in Climate*, PP, 01-25, DOI: 11.389/fclim.2024.1297225.
- Abubakari, A.,** Kyere, B., Derky, M. A, A. and Osei-Tutu, P. (2024). Socioeconomic Impacts of Farmer-Herder Conflicts on Livelihoods and Agricultural Sustainability in the Ashanti Region of Ghana, *African Journal of Agricultural Research*, 20(9),814-824.
- Abubakari, A.** (2024). Navigating Sickness and Zoonotic Diseases: Managing Health and Wellbeing among the Nomads in Ghana, *The International Journal of Humanities & Social Studies*, 12(9),9- 21.
- Abubakari, A.** (2024). Factors Influencing Participation of Pastoral Nomadic Fulani Children in Primary Education in Ghana, *Social Science and Humanities Journal*, 08 (09), 5094-5110.
- Abubakari, A.** (2024). Exploring Effective Means of Farmer-Herder Conflicts Prevention: Insights from the Asante Akim North Municipal, Ghana, *International Journal of Humanities and Social Science*, 11(4),53-60.
- Abubakari, A.** (2024). “Then the Fulani Herdsmen came with their Pastoral Culture, and that marked the end of our Cattle...”: Perspectives on Cattle Rearing in Wungu Traditional area, Ghana, *Journal of Arts and Sociological Research*, 5(6), 35-54. Leon Brenya Yeboah, L.B.,
- Abubakari A.,** Agyei, F. K. and Doke, D. A. (2024). How farmer-herder conflicts reconfigure the authority of politico-legal institutions in Ghana, *The Journal of Peasant Studies*, 1-17.
- Abubakari, A.** and Derkyi, M. A. A. (2024). Pastoralists Health and Public Health Threat in Ghana, *Sprin Journal of Arts, Humanities and Social Sciences*, 3(8, 24-32.
- Yenibehit, N. **Abubakari A.,** Amikuzuno J., and Blay, K. (2024). Impacts of farming and herding activities on land use and land cover changes in the north eastern corridor of Ghana: A comprehensive analysis, *Sustainable Environment*, 1-18.
- Yeboah, D. K. L B., Pilegaard, C. H., **Abubakari, A.** and Dzigbodi, A. D. (2024). Moving Beyond the threshold: The Escalation of FarmerHerder Conflicts in Akim North Municipality of Ghana. *African Conflict & Peacebuilding Review* 14(1),1-27.

- Abubakari, A.** and Abdul Wahab A. (2024). Unraveling the Ripple Effects of Farmer-Herder Conflicts on the Cattle Value Chain in the Karaga District, Ghana, *Journal of Humanities and Social Science*, 29(7),1-12.
- Abubakari, A.** (2023) Manufacturing Scarcity: *Understanding the Causes of Conflicts Between Farmers and Herders in Asante Akim North Municipality of Ghana*, *African Security*, DOI:
- Abubakari, A.** (2023) Assessing the Role of Strategic Groups in the Formulation of Composite Budgeting in the Tamale Metropolitan Assembly, Ghana. *European Journal of Development Studies*, 3(1), 1-10.

#### Book/Book Chapters

- Abubakari, A.** (2023). Adolescents, Social Media and Access to Reproductive Health Information and Services in Ghana: Prospects and Challenges. In Panagiotis Tsikouras, Georg-Friedrich VonTempelhoff, Nikolaos Niolettos and Werner Rath (eds) *Conception and Family Planning - New Aspects*. 1-20.

#### Zakaria S.

- Zakaria S.** (2023). Commensality and the Variations in the Yagbon Community of North Gonja District of the Savannah Region of Ghana, *Journal of Sociology and Anthropology*, 2023, Vol. 7, No. 1, 11-17, Available online at <http://pubs.sciepub.com/jsa/7/1/2>, Published by Science and Education Publishing.
- Zakaria S.** (2023). Cultural and Traditional Importance of Road Side Graves in the Akumadan Traditional Area of the Offinso North District of Ghana E-Journal of Humanities, Arts and Social Sciences (EHASS), ISSN – Online 2720-7722 | Print 2821-8949. Volume 4 Issue 8-August 2023 pp 964-976,

#### Abutima, T. K

##### Journal Articles

- Abutima, T. K.** (2023). Negotiating Gender Roles and Power Relations Through the Management of International Migrant Remittances in a Patriarchal Community in Ghana. *Journal of Asian and African Studies*, 00219096231160695.

#### Baba, Z. A.

##### Journal Articles

- Baba Zakaria, A.,** Abdulai, M., Ibrahim, N. (2024). Migration, Mobility and the Formation of In-migrants Leadership among Dagombas in Ghana’s Capital City. *Human Arena*, Springer Nature, 1-19
- Baba Zakaria. A.** (2023) Migrant chiefs in stranger communities in Ghana: The challenges of their inclusion into the House of Chiefs. *Contemporary journal of African studies*, vol10 (1), 112-138.
- Sulemana A., **Baba Zakaria, A.,** Ntewusu, S. (2023). Migrant Chiefs in Stranger Communities in Ghana: The Challenges of their Inclusion into the Houses of Chiefs. *Contemporary Journal of African Studies*, Vol. (10),1, 112-138.

Adua, J.Y.

**Book**

Adua, J.Y. (2023) Christianity and Homosexuality in Ghana: The Elephant in the Church.

## FACULTY OF INDUSTRIAL ARTS AND TECHNOLOGY

The Faculty of Industrial Arts and Technology (FIAT) was carved out from the Faculty of Agriculture Food and Consumer Sciences in January 2023. The Faculty has the mandate to train students in Creative Art and Technology using modern, innovative, and technology-inclined tools and methodologies. Students in the Faculty shall be trained to have a broad knowledge in the field of creative art, with specific emphasis on their preferred area of specialization within the arts industry. The Faculty shall help solve critical problems in the field, and provide better hand-on-skills. Students shall be equipped to adopt innovative strategies and technologies to enhance development in their respective fields of specialization.

### Office of the Dean

#### Staff

| Name            | Qualification                                             | Rank/Position           |
|-----------------|-----------------------------------------------------------|-------------------------|
| Dzramedo, E. B. | B.A, MTech, PhD, (KNUST, Kumasi, Gh)                      | Senior Lecturer/Dean    |
| Tiika, J. B.    | BA (UDS, Tamale, Gh), M.PM., PhD, (UESTC, Chengdu, China) | Assistant Registrar, FO |

## Department of Creative Design and Technology

#### Staff

| Name            | Qualification                                                               | Rank/Position        |
|-----------------|-----------------------------------------------------------------------------|----------------------|
| Sabutey, G. T.  | B.A, MBA, PhD, (KNUST, Kumasi, Gh), Chartered Economist (CE), ICEG, (Ghana) | Senior Lecturer, HoD |
| Dzramedo, E. B. | B.A, MTech, PhD, (KNUST, Kumasi, Gh)                                        | Senior Lecturer/Dean |
| Osei-Bonsu, M.  | B.A, PhD (KNUST, Kumasi, Gh)                                                | Lecturer             |
| Mensah, E.      | B.A, M.A. (KNUST, Kumasi, Gh)                                               | Lecturer             |
| Woka, D. N.     | B.A, M.Phil. (KNUST, Kumasi, Gh)                                            | Lecturer             |

Dzramedo, E. B.

#### Publication

Dzramedo, B. E., and Alhassan T. (2024). Fashion models and body image: a comparative study on the effects of weight controls and feeding behaviours of models and non-models. *Adrri Journal of Arts & Social Sciences, Vol. 21: No. 4 (9), pp. 1-21.*

Dzramedo B. E., Siaw, S. D. and Alhassan, T. (2024). Assessing the impact of expertise on quality production of school uniforms to meet deadline by small and medium scale industries in Kumasi metropolis. *American Journal of Industrial and Business Management, Vol. 14, pp. 1024-1043*

Dzramedo, B. E., Aboagye, I. and Amesimeku, M. K. (2023). Exploring factors influencing consumer preference for secondhand clothing over traditionally produced textiles goods in the Tamale metropolis in Ghana. *Cogent Arts & Humanities, Vol. 10. No. 2, pp. 1-17.*

- Appiah, A. and **Dzramedo, B. E.** (2023). Students’ understanding of and use of information on care labels on clothes. *Journal of Art and Design*, Vol. 3, pp. 1-14.
- Dzramedo, B. E.**, Kuuder, C.J.W. and Amoah, P. (2023). Rural tourism promotion and livelihood enhancement: an evaluation of craftworks of Sirigu Women Organisation in Pottery and Arts (SWOPA) project in the Kasena-Nankana East District of the Ghana. *Journal of Innovations in Art and Culture for Nature Conservation and Environmental Sustainability*, Vol. 1, No. 2. pp. 98-122.
- Dzramedo, B. E.**, Amenya, A. and Deborah B. (2023). Reconstructing waste fabric pieces into fashionable garments and accessories for the Ghanaian consumer, *Fashion and Textile Review*, Vol. 1, No. 8. pp. 1-20.

## SCHOOL OF ECONOMICS

### Introduction

The School of Economics (SoEC) was established in the 2021/2022 academic year following the separation of the School of Applied Economics and Management Sciences into two schools, namely; School of Economics and School of Business. SoEC is currently located at the Nyankpala Campus of the University. It has staff strength of Twenty-three (23), which is composed of nineteen (19) Academic Staff of various ranks, One (1) Senior Member (Administrative), two (2) Senior Staff and 1 Junior administrative support Staff.

The school currently runs BSc. Economics and MSc/MPhil/PhD Economic Development Policy programmes which are fully accredited. Other undergraduate and postgraduate programmes have been developed and are at various stages of accreditation processes. These include: BA Behavioral Economics, BA Economics with Entrepreneurship, BSc. Economics with Mathematics and M.Phil. in Economics

### Departments

- Department of Economics
- Department of Applied Economics
- Department of Quantitative Economics and Data Management
- Department of Behavioral and Experimental Economics

### Student Population

#### Student Population by Gender and Levels

| Programme/Level                   | Male       | Female    | Total      |
|-----------------------------------|------------|-----------|------------|
| BSc Economics                     | 88         | 26        | 114        |
| MPhil Economic Development Policy | 12         | 5         | 17         |
| PhD Economic Development Policy   | 4          | 2         | 6          |
| <b>Grand Total</b>                | <b>104</b> | <b>33</b> | <b>137</b> |

**Office of the Dean****Staff**

| <b>Name</b> | <b>Qualification</b>                                                  | <b>Rank/Position</b>                          |
|-------------|-----------------------------------------------------------------------|-----------------------------------------------|
| Awuni, J.A. | B.Sc. (UDS, Tamale, Gh), M.Sc. (Reading, UK),<br>Ph.D. (Jiangsu, PRC) | Associate Professor/ Dean                     |
| Karim, Z.   | B.Sc., M.Phil. (UDS, Tamale, Gh)                                      | Junior Assistant Registrar/<br>School Officer |

**Department of Economics****Staff**

| <b>Name</b>    | <b>Qualification</b>                                                                  | <b>Rank/Position</b>                     |
|----------------|---------------------------------------------------------------------------------------|------------------------------------------|
| Abdulai, A-M.  | B.Sc. (KNUST, Kumasi, Gh) M.Phil., Ph.D. (UG, Ghana)                                  | Assoc. Prof./HoD                         |
| Donkoh, S.A.   | B.A., Dip. Ed, M. Phil (UCC, Cape Coast, Gh), Ph.D.<br>(Reading, UK)                  | Professor                                |
| Alhassan, H    | B.Sc. (KNUST, Kumasi, Gh), PGDip.Ed. (UDS, Tamale,<br>Gh), M.Phil., Ph.D. (UG, Ghana) | Associate Professor/<br>Director, KTCSR. |
| Salifu, M.     | B.A.(UCC, Cape Coast, Gh), M.Phil (UG, Ghana)                                         | Lecturer/ Campus<br>DCROP Coordinator    |
| Saani, M.R.    | B.A., M.Phil. (UG, Ghana)                                                             | Lecturer                                 |
| Muhammed, M.A. | B.A.(UDS, Tamale, Gh), PGDE(UEW, Winneba, Gh),<br>M.Phil. (UG, Ghana)                 | Lecturer                                 |
| Tanko, M.      | B.A., MPhil., (UDS, Tamale, Gh), PhD. (Newcastle,<br>Australia)                       | Lecturer                                 |

**Publications****Journal Article****Abdulai, A-M.**

Saani, M. R., **Abdulai, A-M.** and Salifu, M. (2024). Inflation, public debt and unemployment nexus in Ghana. An ARDL analysis, Cogent Economics & Finance, 12:1, 2345296.

**Donkoh, S.A.**

Issaka, Y. B., **Donkoh, S. A.**, & Kranjac-Berisavljevic G.(2024). Psycho-social factors influencing the adoption of sustainable intensification practices by smallholder rice farmers in Northern Ghana. Cogent Food & Agriculture, 10(1).

Lamptey, C., **Donkoh, S.**, Azumah, S., Zakaria, A., Sulemana, N., & Zakaria, H. (2024). Channels and Methods of Communicating Agricultural Innovations to rice farmers in the Northern Region of Ghana. Ghana Journal of Science, Technology and Development, 9(2), 61-76.

Issaka, Y. B., **Donkoh, S. A.** & Kranjac-Berisavljevic, G. (2023) Factors influencing resilience to climate variability among smallholder lowland rice farming households in northern Ghana UDS International Journal of Development [UDSIJD] 10(1) 32-44

Osei, T.A., **Donkoh, S.A.**, Ansah, I.G.K., Awuni, J.A. and Cobbinah, M.T. (2023), "Agricultural value chain participation and farmers' access to credit in northern Ghana", Agricultural Finance Review, 83(4/5), 800-820

Lamptey, C., **Donkoh, S.A.**, Azumah, S., Zakaria, A., Sulemana, N., Zakaria, H. & Dukper L.L. (2023). A Generalized Multivariate Regression Approach to the Adoption and Disadoption of Enhanced Rice Varieties in the Northern Region of Ghana. *Ghana Journal of Agricultural Economics and Agribusiness (GJAEAB)* 4 (1), 14-32. ISSN 2637-3521

#### **Alhassan, H**

**Alhassan, H.**, Kwakwa, P. A., and Aboagye, S. (2024). Can Renewable Energy Abate the Effect of Urbanization on Carbon Dioxide Emissions? Evidence From Selected African Countries. In A. Ahmadi (Ed.), *Impact of Renewable Energy on Corporate Finance and Economics* (pp. 42-59). IGI Global.

**Alhassan, H.**, Kwakwa, P.A., and Cobbinah, M.T. (2024). *Energy financing in Africa: the prospects and challenges. Reference Module in Social Sciences, Elsevier.*

Malhotra, S. K., Mantri, S., Gupta, N., Bhandari, R., Armah, R. N., **Alhassan, H.**, Young, S., White, H., Puskur, R., Waddington, H. S., & Masset, E. (2024). Value chain interventions for improving women's economic empowerment: A mixed-methods systematic review and meta-analysis: A systematic review. *Campbell Systematic Reviews*, 20, e1428.

Cobbinah, E., **Alhassan, H.** and Daadi, B.E. (2024). Perceived impacts of the COVID-19 pandemic: does farm households' capability influence food security resilience in Ghana? *International Journal of Social Economics*. <https://doi.org/10.1108/IJSE-10-2023-0824>

Kwakwa, P.A., **Alhassan, H.**, Aboagye, S., and Sale, M.A. (2024). Electricity conservation intention among university students in northern Ghana: an assessment of the drivers for some electrical appliances. *Cleaner and Responsible Consumption*, 12; 100171.

Apeadido, J., **Alhassan, H.**, and Ehiakpor, D.S. (2024). Marine plastic pollution: fishers' coping strategies and its welfare effect in Volta region, Ghana. *Marine Pollution Bulletin*, 198, 115782.

Apuri, M.A., **Alhassan, H.**, Cobbinah, E., and Mohammed, A. (2024). Poultry farmers' perception and coping strategies to climate change: implications on poultry production in Bono East region, Ghana. *Ghana Journal of Science, Technology and Development*, 9(2), 43-60.

Abubakar, S.A., **Alhassan, H.**, and Dagunga, G. (2023). Farmers' choice of postharvest management practices: determinants and food security implications in the Tolon district of Ghana. *UDS International Journal of Development (UDSIJD)*, 10(2), 936-954.

#### **Salifu, M.**

**Salifu, M.**, Peprah, J. A., & Cantah, W. G. (2024). Legal Systems, Property Rights, and Financial Development in Sub-Saharan Africa. Sage Open, 14(2).

**Salifu, M.**, Peprah, J. A., Sebu, J., & Cantah, W. G. (2024). Openness Policies and Financial Development in Ghana: An ARDL Approach. *Heliyon*, 10(3).

Abdulai, M.G., **Salifu, M.** & Domanban, P.B. (2024). Determinants of multi-dimensional women empowerment in Mali, *Cogent Economics&Finance*,12:1.

Saani, M. R., Abdulai, A-M. & **Salifu, M.** (2024). Inflation, Public Debt and Unemployment nexus in Ghana. An ARDL analysis. *Cogent Economics & Finance*, 12(1).

Yakubu, I. N., **Salifu, M.**, & Saani, M. R. (2024). Financial Inclusion, Corruption Control, and Inclusive Growth: Exploring the Dynamic Linkages. In *Examining Corruption and the Sustainable Development Goals* (pp.169-180). IGI Global.

**Saani, M.R**

- Saani, M. R.**, Abdulai, A-M. and Salifu, M. (2024). Inflation, public debt and unemployment nexus in Ghana. An ARDL analysis, *Cogent Economics & Finance*, 12:1, 2345296.
- Yakubu, I. N., Salifu, M., & **Saani, M. R.** (2024). Financial Inclusion, Corruption Control, and Inclusive Growth: Exploring the Dynamic Linkages. In *Examining Corruption and the Sustainable Development Goals* (pp. 169-180). IGI Global.

**Tanko, M.**

- Alhassan, N., Abdulai, A., & **Tanko, M.** (2024). Influence of different plastic film packaging on the physiological and sensory quality of sweet oranges during cold and ambient storage. *Journal of Postharvest Technology*, 12(2), 22-33.
- Tanko, M.**, Ayipe, F. I., & Abdulai, M. (2023). Gender Empowerment and Market Access in Northern Ghana, *Social Science and Humanity Open*, 8 (1).
- Tanko, M.**, Amfo, B., & Shafiwu, A. B. (2023). Social norms perspective of agriculture technology adoption and welfare in Ghana: Extending multinomial endogenous treatment effect model. *Technology in Society*, 2023, 102324, ISSN 0160-791X
- Ayipe, F. I., & **Tanko, M.** (2023). Public Health Expenditure and Under-Five Mortality in Low-Income Sub-Saharan African Countries: A Panel Data Analysis. *Available at SSRN 4389168*.

**Department of Applied Economics****Staff**

| <b>Names</b>    | <b>Qualification</b>                                                 | <b>Rank/Position</b>                   |
|-----------------|----------------------------------------------------------------------|----------------------------------------|
| Ayambila, S. N. | B.Sc. (UDS, Tamale, Gh), M.Phil., Ph.D. (UG, Gh)                     | Assoc. Prof./Head of Department        |
| Nkegbe, P. K.   | B.Sc. (UDS, Tamale, Gh), M.Phil. (UG, Gh), PhD. (Reading, UK)        | Professor/ Dean of Graduate School     |
| Ayamga, M.      | B.Sc. (UDS, Tamale, Gh), M.Phil., Ph.D. (UG, Gh)                     | Associate Professor/ Director, WAC-SRT |
| Bob-Milliar G.K | B.A., (KNUST, Kumasi, Gh), M.Sc (London, UK), PhD (Johannesburg, SA) | Lecturer, /Research Fellow             |
| Ayipe, F. I.    | B.A. (KNUST, Kumasi, Gh), M.Phil. (UCC, Cape Coast, Gh)              | Lecturer                               |
| *Yakubu, M.Z.   | B.A., MPhil. (KNUST, Kumasi, Gh)                                     | Lecturer                               |

\*Staff is on study leave

**Publications****Journal articles****Nkegbe, P. K.**

- Sambu, W. C., Picchioni, F., Stevano, S., Codjoe, E. A., **Nkegbe, P. K.**, and Turner, C. (2024). Food systems thinking unpacked: a scoping review on industrial diets among adolescents in Ghana. *Food Security*, 16(1): 79-114.
- Tia, J., Kuunibe, N. and **Nkegbe, P. K.** (2023). Drivers of financial inclusion in Ghana: Evidence from microentrepreneurs in the Wa Municipality of the Upper West Region. *Cogent Economics & Finance*, 11: 2267854.

**Bob-Milliar, G. K**

**Bob-Milliar, G. K., & Alagidede, I. P.** (2024). Fragmentation of Projects and the Symbolism of Development Aid in Northern Ghana. *VOLUNTAS: International Journal of Voluntary and Nonprofit Organizations*, 1-11.

## Department of Quantitative Economics and Data Management

### Staff

| Name           | Qualification                                                    | Rank/Position                      |
|----------------|------------------------------------------------------------------|------------------------------------|
| Akuriba, M. A. | B.Sc. (UDS, Tamale, Gh), M.Phil. (Ghana), Ph.D. (Wageningen, NL) | Senior Lecturer/Head of Department |
| Ansah, I.G.K.  | B.Sc. (KNUST, Kumasi, Gh), MSc., PhD (Wageningen, NL)            | Senior Lecturer                    |
| Gana, B. N-A.  | B.Sc.; MPhil (KNUST, Kumasi, Gh)                                 | Lecturer                           |

### Publications

#### Journal Articles

**Akuriba, M. A.**

Ibrahim, A., **Akuriba, M. A.**, & Shafiwu, A. B. (2024). The Effect of Off-farm Investment on Tomato Productivity: The Case of Irrigated Tomato in Northern Region. *ADRRI Journal of Agriculture and Food Sciences*, 8(3 (8) July-September), 23-42.

**Ansah, I.G.K.**

**Ansah, I. G. K.**, Gardebroek, C., & Ihle, R. (2024). Simulating policy options for improving household resilience to food demand shocks in the context of West Africa. In *Natural Resources Forum*. Oxford, UK: Blackwell Publishing Ltd.

**Ansah, I. G. K.**, Kotu, B. H., Boyubie, B. E., & Bonney, J. E. (2024). Enhancing smallholder maize shelling mechanization through the collective business model: the case of Northern Ghana. *Frontiers in Sustainable Food Systems*, 7, 1228382.

Osei, T. A., Donkoh, S. A., **Ansah, I. G. K.**, Awuni, J. A., & Cobbinah, M. T. (2023). Agricultural value chain participation and farmers' access to credit in northern Ghana. *Agricultural Finance Review*, 83(4/5), 800-820.

Dagunga, G., Ayamga, M., Laube, W., **Ansah, I. G. K.**, Kornher, L., & Kotu, B. H. (2023). Agroecology and resilience of smallholder food security: a systematic review. *Frontiers in Sustainable Food Systems*, 7, 1267630.

**Gana, B. N. A.**

Ansah, R., Opoku, A., Tawiah, K., Boadi, R.K., **Gana, B.N.A**, Tackie, S., Ayornu, M., Manu, S., Mills, A. (2024). Mathematical modelling of decision making: the case of motor insurance choices. *Journal of Mathematics in Industry*, 14(1), 12.

## Department of Behavioral and Experimental Economics

### Staff List

| Name            | Qualification                                                      | Rank/Position                      |
|-----------------|--------------------------------------------------------------------|------------------------------------|
| Sienso, G.      | B.Sc. (UDS, Tamale, Gh), M.Phil. (UG, Ghana), Ph.D. (Lubbock, USA) | Senior Lecturer/Head of Department |
| Awuni, J.A.     | B.Sc. (UDS, Tamale, Gh), M.Sc. (Reading, UK), Ph.D. (Jiangsu, PRC) | Associate Professor/ Dean          |
| Atta-Peters, H. | B.Sc. (MUG, Gh.) M.Phil. (UG, Ghana)                               | Lecturer                           |

### Publications

#### Journal Articles

##### *Sienso, G*

- Kubuga, C. K., & **Sienso, G.** (2024). Integrated Community-Based Nutrition Interventions Improve Diet Quality, Food, and Credit Access among Rural Women in Northern Ghana. *Advances in Public Health*, 2024(1), 2543770.
- Ayisi, C. L., **Sienso, G.**, Mensah, G. D., Baidoo, K., Alhassan, E. H., Duker, R. Q., ... & Droepenu, E. K. (2024). Impacts of Closed Season on Operations, Livelihood and Coping Strategies of Fishers. *Human Ecology*, 1-11.

##### **Awuni, J.A.**

- Atinga, D., **Awuni, J. A.**, & Sakurai, T. (2024). Analyzing the effect of severe weather on farmers' fertilizer usage and input investment amidst decreasing productivity in single-season agroecosystems. *Frontiers in Environmental Economics*, 3, 1360513.
- Mahama, A., **Awuni, J.A.** Mabe, F. N., & Azumah, S. B. & Sheriff M. (2023). A Microeconomic Examination of the Determinants and Adoption Constraints of Soybean Production Technologies in Ghana. *Ghana Journal of Agricultural Economics and Agribusiness (GJAEAB)* 4 (1), 34-50.
- Osei, T. A., Donkoh, S. A., Ansah, I. G. K., **Awuni, J. A.**, & Cobbinah, M. T. (2023). Agricultural value chain participation and farmers' access to credit in northern Ghana. *Agricultural Finance Review*, 83(4/5), 800-820.

## FACULTY OF NATURAL RESOURCES AND ENVIRONMENT

### Introduction

The Faculty of Natural Resources and Environment started as a Department in the Faculty of Agriculture but metamorphosed into a full-fledged Faculty in the 2009/2010 academic year. In alignment with the university’s mandate, the Faculty has been involved in teaching, research and extension services. The Faculty trains the needed manpower for sustainable management and utilization of the country’s savannah ecosystems as well as the natural and environmental resources in general for national development.

### Academic Departments

Currently, the Faculty has five (5) academic departments as follows:

- Department of Forestry and Forest Resources Management
- Department of Environment and Sustainability Sciences

- Department of Ecotourism and Hospitality Management
- Department of Biodiversity Conservation and Management
- Department of Natural Resources and Geo-Information Sciences

### Student Population

| Programme                                         | Male       | Female     | Total      |
|---------------------------------------------------|------------|------------|------------|
| Diploma in Natural Resources Management           | 63         | 55         | 108        |
| BSc Renewable Natural Resources                   | 26         | 12         | 110        |
| BSc Natural Resources Management                  | 66         | 32         | 98         |
| BSc Ecotourism and Hospitality Management         | 35         | 70         | 105        |
| BSc Environmental Management and Sustainability   | 119        | 56         | 175        |
| BSc Forest Resources Conservation and Management  | 68         | 30         | 98         |
| BSc Biodiversity Conservation                     | 4          | 8          | 12         |
| MPhil Environmental Management and Sustainability | 35         | 12         | 47         |
| PhD Environmental Management and Sustainability   | 47         | 6          | 53         |
| PhD Agroforestry and Dryland Conservation         | 2          | 0          | 2          |
| <b>Total</b>                                      | <b>465</b> | <b>343</b> | <b>808</b> |

### Office of the Dean

#### Staff

| Name                  | Qualification                                                                        | Rank/Position                               |
|-----------------------|--------------------------------------------------------------------------------------|---------------------------------------------|
| <i>Cobbina, S. J.</i> | <i>BSc. (UCC, Cape Coast, Gh) MPhil Ghana), PhD (JU, Jiangsu, China)</i>             | <i>Associate Professor/Dean</i>             |
| <i>Imoro, A. Z.</i>   | <i>B.Sc. (UDS, Tamale, Gh), MPhil (UCC, Cape Coast, Gh), PhD (KNUST, Kumasi, Gh)</i> | <i>Associate Professor/ Vice-Dean</i>       |
| <i>Amodaah, J.</i>    | <i>BED. (Winneba, Gh), MSc. (UDS, Tamale Gh), MBA (UCC, Cape Coast, Gh)</i>          | <i>Jnr. Asst. Registrar/Faculty Officer</i> |

### Department of Natural Resources and Geo-Information Sciences

#### Staff

| Name                     | Qualification                                                                                                                 | Rank/Position                   |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| <i>Baatuwwie, N. B.</i>  | <i>BSc. (UDS, Tamale Gh), MSc. (KNUST/TTC, Kumasi, Gh/Enschede, The Netherlands), PhD (KNUST, Kumasi, Gh)</i>                 | <i>Associate Professor/ HOD</i> |
| <i>Tuu, G. N.</i>        | <i>BSc. (UDS, Tamale, Gh), MSc. (Univ. of Glamorgan, Pontypridd, Wales - UK)</i>                                              | <i>Lecturer</i>                 |
| <i>Asubonteng, K. O.</i> | <i>BSc. (KNUST, Kumasi, Gh.) MSc KNUST/ITC, Kumasi, Gh/ Enschede, The Netherlands), PhD (UvA, Amsterdam, The Netherlands)</i> | <i>Lecturer</i>                 |

### Programme Offered

- Diploma in Natural Resources Management
- BSc. Natural Resources Management

## Publications

### *Baatuuwie, N. B*

- Dono, X. F., **Baatuuwie, N. B.**, Abagale, K. F. and Sørensen, B. P. (2024) Application of computer vision and machine learning in morphological characterization of *Adansonia digitata* fruits. *Smart Agricultural Technology* 9 (2024) 10052.
- Baddianaah, I., **Baatuuwie, N. B.**, Tuu, G, Tom-Dery, D. and Asubonteng, K. O. (2024) Collaborative Natural Resource Management in Sub-Saharan Africa: Insights from Northwestern Ghana. In K. Peprah, I. K. Osumanu, R. Aabeyir, A-K. Yahaya and J. B. B. Suman (Eds.), *Environment and Sustainable Development in Ghana* Publisher: Woeli Publishing Services, Accra. Pp 161-183.
- Fida, T. G., **Baatuuwie, N. B.** and Issifu, H. (2024). Potential impact of future land use/cover dynamics on the habitat quality of the Yayo Coffee Forest Biosphere Reserve, southwestern Ethiopia. *GEOCARTO INTERNATIONAL* 39(1)
- Namwinbown, T., Imoro, A. Z., Weobong, A. C., Tom-Dery, D., **Baatuuwie, N. B.**, Aikins, K. T., Poreku, G. and Lawer, A. E. (2024). Patterns of green space change and fragmentation in a rapidly expanding city of northern Ghana, West Africa. *City and Environment Interactions* 21 (2024) 100136.
- Fida, T. G., **Baatuuwie, N. B.** and Issifu, H. (2023). Simulation of land use/cover dynamics in the Yayo coffee Forest biosphere reserve, southwestern Ethiopia. *Geocarto International* 38(1).

## Publications

### *Tuu, N. G.*

- Tuu N. G.** and Philemon Nandongee (2024) Analysis of Ecosystem Services in Savanah Landscapes in Ghana: Wa Municipality in Perspective. In K. Peprah, I. K. Osumanu, R. Aabeyir, A-K. Yahaya and J. B. B. Suman (Eds.), *Environment and Sustainable Development in Ghana* Publisher: Woeli Publishing Services, Accra. Pp 184-210.
- Baddianaah, I., Baatuuwie, N. B., **Tuu, N. G.**, Tom-Dery, D. and Asubonteng, K. O. (2024) Collaborative Natural Resource Management in Sub-Saharan Africa: Insights from Northwestern Ghana. In K. Peprah, I. K. Osumanu, R. Aabeyir, A-K. Yahaya and J. B. B. Suman (Eds.), *Environment and Sustainable Development in Ghana* Publisher: Woeli Publishing Services, Accra. Pp 161-183.
- Tahiru L., Yayaya A. A. and **Tuu N. G.** (2023). External Stakeholders in the Collaborative Governance of Natural Resources in Ghana: Experiences from Wa West District. *Environmental Challenges*.

### *Asubonteng K. O.*

## Publications

- Baddianaah, I., Baatuuwie, N. B., Tuu, N. G, Tom-Dery, D. and **Asubonteng, K. O.** (2024) Collaborative Natural Resource Management in Sub-Saharan Africa: Insights from Northwestern Ghana. In K. Peprah, I. K. Osumanu, R. Aabeyir, A-K. Yahaya and J. B. B. Suman (Eds.), *Environment and Sustainable Development in Ghana* Publisher: Woeli Publishing Services, Accra. Pp 161-183.

- Reed J., Ros-Tonen M. A.F., Adeyanju S., Arimiyaw A W, **Kwabena Asubonteng**, Baatuwie B. N., Bayala E. R.C., Tom-Dery D., Ickowitz A., Issaka Y. B., Moombe K.B., Mumuni J., Wakesho G., Zida M., Sunderland T. (2024) From conflict to collaboration through inclusive landscape governance: Evidence from a contested landscape in Ghana, *Global Environmental Change* 88:102909
- van Ewijk E., Ataa-Asantewaa M., **Asubonteng K O.**, Van Leynseele Y. P. B., Derkyi M., Laven A, Ros-Tonen MA. F. (2024) Farmer-Centred Multi-stakeholder Platforms: From Iterative Approach to Conceptual Embedding, *Journal of the Knowledge Economy*.

## Department of Forestry and Forest Resources Management

### Staff

| Name               | Qualification                                                                                                                      | Rank/Position                                                               |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Husseini, R.       | BSc. (UDS, Tamale, Gh.), MSc. (KNUST, Kumasi, Gh), PhD (UCC, Cape Coast, Gh)                                                       | Snr. Lecturer/HoD                                                           |
| Ochire-Boadu, K.   | BSc., Dip Ed (UCC, Cape Coast, Gh), MSc. (KNUST, Kumasi, Gh) PhD (KNUST, Kumasi, Gh)                                               | Snr. Lecturer                                                               |
| Asante, W. J.      | BSc., Dip Ed (UCC, Cape Coast, Gh), MSc. (KNUST, Kumasi, Gh)                                                                       | Snr. Lecturer                                                               |
| Issifu, H.         | BSc. (UDS, Tamale, Gh), MSc. (Wageningen Univ., Wageningen, The Netherlands), PhD. (Wageningen Univ., Wageningen, The Netherlands) | Snr. Lecturer/Faculty Examinations Officer                                  |
| Imoro, M. A-W.     | BSc. Dip. Ed. (UCC, Cape Coast, Gh) MSc. PhD. (KNUST, Kumasi, Gh)                                                                  | Snr. Lecturer                                                               |
| Abengmeneng, S. C. | BSc. (KNUST, Kumasi, Gh), MPhil/PhD (KNUST, Kumasi, Gh)                                                                            | Lecturer/Dept. Exams Officer/ Manager of FNRE’S Ecological Research Station |
| Nasare, L.I.       | BSc. (UDS, Tamale, Gh) Mphil. (UDS, Tamale, Gh), PhD (UCC, Cape Coast, Gh)                                                         | Lecturer/Head of Faculty Research and Grant Support Unit                    |
| **Abukari, A.      | BSc. (UDS, Tamale, Gh) MSc. (KNUST, Kumasi, Gh)                                                                                    | Lecturer                                                                    |
| Cobbinah, P.       | BSc. (KNUST, Kumasi, Gh), Dip Ed. (UEW, Winneba, Gh), MPhil (KNUST, Kumasi, Gh),                                                   | Lecturer                                                                    |

\*\*Part time study leave

### Programme Offered

- BSc. Renewable Natural Resources (Forestry and Forest Resources Mgt. Option)
- BSc. Forest Resources Conservation and Management
- PhD Agroforestry and Dryland Conservation

### Publications

**Husseini, R.**

Hussein, U. **Hussein, R.** and Akongyuure, D.N. (2024). Evaluating the impact of climate-smart agriculture practices on yield among smallholder maize and sorghum farmers in northern Ghana. *Journal of Agriculture, Food and Environment (JAFE)* | ISSN (Online Version): 2708-5694, 5(3), 68-76.

Abengmeneng, C. S., Cobbinah, P., & **Husseini, R.** (2023). Prediction Models for Ceiba pentandra in the Guinea Savanah Ecological Zone of Ghana. *International Journal for Multidisciplinary Research*; 5(6), DOI: 10.36948/ijfmr. 2023.v05i06.8866 Dahan, K. S., Kasei, R. A., & **Husseini, R.** (2023). Land use land cover (LULC) degradation intensity analysis of Guinea savannah and mosaic Forest savannah zones in Ghana. *All Earth*, 35(1), 302–328. <https://doi.org/10.1080/27669645.2023.2255443>

**Asante, W. J.**

Nasare, L.I., Opoku, S.A., Amponsah, A., Tom-Dery, D., **Asante, W.J.** and Baatuuwie, N. B. (2023). Effect of sand mining on riparian landcover transformation in Dallung-Kukou catchment of the White Volta basin, Ghana. *Heliyon* 9 (2023) e18428.

**Ochire-Boadu, K.**

Demian Tom Dery, Shani Abubakari, **Kwame Ochire-Boadu**, Amos Amponsa, Latif Nasare (2023) Effects of Commercial Farming on Livelihood and Woody Species in The Mion District, Ghana. *Journal of Agriculture and Food. Research* doi/10.1016-jjafr.2023.100637.

**Issifu, H.**

Fida, G. T., Baatuuwie, B. N., & **Issifu, H.** (2024). Potential impact of future land use/cover dynamics on the habitat quality of the Yayo Coffee Forest Biosphere Reserve, Southwestern Ethiopia. *Geocarto International*, 39(1), 2278327.

Iddrisu, A. Q., Hao, Y., **Issifu, H.**, Getnet, A., Sakib, N., Yang, X., ... & Zhang, P. (2024). Effects of Stand Density on Tree Growth, Diversity of Understory Vegetation, and Soil Properties in a Pinus koraiensis Plantation. *Forests*, 15(7), 1149.

Logah, V., Abubakari, F., **Issifu, H.**, Adjei-Gyapong, T., Baidoo, E., Abubakari, A., ... & Veenendaal, E. (2024). Soil carbon, nutrient, and vegetation dynamics of an old Anogeissus grove in Mole National Park, Ghana. *Biotropica*, 56(2), e13299.

Fida, G. T., Baatuuwie, B. N., & **Issifu, H.** (2024). Land Use/Cover Changes During 1992–2022 in the Yayo Coffee Forest Biosphere Reserve, Southwestern Ethiopia. *Rangeland Ecology & Management*, 95, 30–45.

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**Imoro, M. A-W**

Adombire, A. J., **Imoro, M. A-W.**, Essel, E., and Douti, B. N. (2024). Synergistic interactions of soil and vegetation in agroforestry systems in mitigating climate change in Upper East Region, Ghana. *American Journal of Climate Change*. 13: 140-162.

Aluko, O. O., Nikuu, V., Ziemah, J., Jianpei, Y., Taiwo, E., Nikuu, B. S., Sabuli, N., Adetunde, A. L., **Imoro, M. A-W.**, Ozavize, F. S., Onyiro, A. Q., Dogee, G., Adedire, M. O., B. Hunpatin, S. O., and Opoku, N. (2024). Genome-wide identification and expression analysis of EIN3/EIL gene family in rice (*Oryza sativa*). *Plant Stress*. 12. (2024)100437. <https://doi.org/10.1016/j.stress.2024.100437>.

- Yirzagla, J., Quandahor, P., Yahaya, I., Akanbelum, A. O., Akologo, A. L., Lambon, B. J., **Imoro, M. A-W.**, and Santo, G. K. (2024). Growth, development and yield of kenef as affected by planting dates and N fertilization. *Open Journal of Applied Sciences*. 14. 707-720.
- Adetunde, A. L., Awo, O., and **Imoro, M. A-W.** (2023). Antimicrobial activities of the extract of shea tree (*Vitallaria paradoxa* Gaertn. F.) leaf and bark on some selected clinical pathogens. *Journal of Medicinal Plants Research*. 17 (12): 338-344.
- Imoro, M. A-W.**, Zango, M. S., and Arhin, E. (2023). Gold in trees and hidden anomalies in diverse regolith terrain: A case study at Pelangio Mamfo Concession, Ghana. *UDS International Journal of Development*. 10 (2): 973 – 984.
- Azameti, K. M. and **Imoro, M. A-W.** (2023). Nanotechnology: A promising field in enhancing abiotic stress tolerance in plants. *Crop Design*. 2 (2023) 100037. <https://doi.org/10.1016/j.cropro.2023.100037>.
- Akanbelum, A. O., Dzomeku, K. I., Yirzagla, J., Alhassan, A-K., Lambon, B. J., Lambon, B. J., **Imoro, M. A-W.**, and Santo, G. K. (2023). Maize-soybean integration for managing *Striga hermonthica* (Del.) Berth in the Sudan savannah zone of Ghana. *American Journal of Plant Sciences*. 14. 1043-1060.
- Yirzagla, J., Kusi, F., Quandahor, P., Yahaya, I., Amoako, A. O., Addae-Frimpomaah, F., Akologo, A. L., Lambon, B. J., **Imoro, M. A-W.**, Santo, G. K., and Akanbelum, A. O. (2023). Yield and yield components of Frafra potato (*Solenostemon rodundifolius* Poir.) as affected by organic fertilizers. *ACTA Scientific Agriculture*. 7 (8): 2- 12
- Yirzagla, J., Quandahor, P., Amoako, A. O., Akologo, A. L., Lambon, B. J., **Imoro, M. A-W.**, Santo, G. K., and Akanbelum, A. O. (2023). Yield of roselle (*Hibiscus sabdariffa* L.) as influenced by manure and nitrogen fertilizer application. *American Journal of Plant Sciences*. 14,599-612. Doi: 10. 4236/ajps.2023.145040.
- Imoro, M. A-W.**, Pobee, J. and Akabanda, F. (2023). Isolation of Rhizobia from the nodules of Bambara Groundnuts for Inoculant Production. *Journal of Agricultural Science*. 15 (4): 47-54.

### **Abengmeneng, S. C.**

- Cobbinah, P., Yaa, D., Apraku, P., Nasare, L. I., & **Abengmeneng, C. S.** (2024). Effect of provenance on seed-borne Mycoflora , germination and seedling disease incidence on Khaya Senegalensis seeds in Ghana. *Open Access Research Journal of Science and Technology*. 10(01), 032–043. DOI: <https://doi.org/10.53022/oarjst.2024.10.1.0079>
- Abengmeneng, C. S.**, & Daayeng, T. M. (2023). Regression Models for Key Economic Savanna tree Species : A Case Study of *Parkia biglobosa* ( Jacq .) R . Br . ex G . Don f . in the Guinea Savanna Ecological Zone of Ghana. *International Journal of Plant & Soil Science*; 35(22), 410–420. <https://doi.org/10.9734/IJPSS/2023/v35i224149>
- Abengmeneng, C. S.**, Cobbinah, P., & Hussein, R. (2023). Prediction Models for *Ceiba pentandra* in the Guinea Savanah Ecological Zone of Ghana. *International Journal for Multidisciplinary Research*; 5(6), DOI: 10.36948/ijfmr.2023.v05i06.8866
- Abengmeneng, C. S.**, Korankye, S., & Cobbinah, P. (2023). Comparative Analysis of the Accuracy of Thirteen Photo-based Applications in the Identification of Trees Species in Northern Ghana. *International Journal for Multidisciplinary Research* 5(6). DOI: 10.36948/ijfmr.2023.v05i06.8907

Cobbinah, P., Tindamdo, J. N., Abukari, A., & **Abengmeneng, C. S.** (2023). Incidence and severity of fungal seedling diseases in Tamale central forest nursery, Ghana. *International Journal of Science and Research Achive* .10(02), 817–827. DOI: <https://doi.org/10.30574/ijrsra.2023.10.2.1038>

*Nasare, L.I.*

**Nasare, L. I.**, Stout, J. C., and Kwapong, P. K. (2024). Beekeeping improves shea pollination and fruit set in West African agroforestry parklands. *Ecological Solutions and Evidence*, 5, e12348. <https://doi.org/10.1002/2688-8319.12348>

Cobbinah, P., Apraku, D.Y.P., **Nasare, L.I.** and Abengmeneng, C.S. (2024). Effect of provenance on seed-borne Mycoflora, germination and seedling disease incidence on Khaya Senegalensis seeds in Ghana. *Open Access Research Journal of Science and Technology*. 10(1) 032-043

*Abukari, A.*

**Abukari, A.**, and Cobbinah, P. (2024). Can Biochar Made from Rice Husk Affect Savanna Soils' pH, Electrical Conductivity, and Soil Respiration? *Turkish Journal of Agriculture-Food Science and Technology*, 12(6), 978-983

Duwiejuah, A. B., Imoro, Z. A., **Abukari, A.**, Abdul-Mumeen, I., and Imoro, A. Z. (2023). Mercury Adsorption Using Biowaste Biochar: A Green Technology Approach. In *Mercury Toxicity: Challenges and Solutions* (pp.165-186). Singapore: Springer Nature Singapore.

Cobbinah, P., Doffour, J., Abengmeneng, C. S., **Abukari, A.**, and Nasare, L. I. (2023). Effect of antifungal botanical extracts on seed-borne fungi prevalence and germination of Terminalia ivorensis seeds in Ghana. *Magna Scientia Advanced Biology and Pharmacy*, 10(2), 068-079.

Cobbinah, P., Tindamdo, J. N., **Abukari, A.**, and Abengmeneng, C. S. (2023). Incidence and severity of fungal seedling diseases in Tamale central forest nursery, Ghana. *International Journal of Science and Research Archive*, 10(2), 817-827.

*Cobbinah, P.*

**Cobbinah, P.**, Apraku, D.Y.P., Nasare, L.I. and Abengmeneng, C.S. (2024). Effect of provenance on seed-borne Mycoflora, germination and seedling disease incidence on Khaya Senegalensis seeds in Ghana. *Open Access Research Journal of Science and Technology*. 10(1) 032-043

Abukari, A., and **Cobbinah, P.** (2024). Can Biochar Made from Rice Husk Affect Savanna Soils' pH, Electrical Conductivity, and Soil Respiration? *Turkish Journal of Agriculture Food Science and Technology*, 12(6), 978-983

Abengmeneng, C. S., **Cobbinah, P.**, & Hussein, R. (2023). Prediction Models for Ceiba pentandra in the Guinea Savanah Ecological Zone of Ghana. *International Journal for Multidisciplinary Research*; 5(6), DOI: 10.36948/ijfmr.2023.v05i06.8866

Abengmeneng, C. S., Korankye, S., & **Cobbinah, P.** (2023). Comparative Analysis of the Accuracy of Thirteen Photo-based Applications in the Identification of Trees Species in Northern Ghana. *International Journal for Multidisciplinary Research* 5(6). DOI: 10.36948/ijfmr.2023.v05i06.8907

**Cobbinah, P.**, Tindamdo, J. N., Abukari, A., & Abengmeneng, C. S. (2023). Incidence and severity of fungal seedling diseases in Tamale central forest nursery, Ghana. *International Journal of Science and Research Achive* .10(02), 817–827. DOI:

<https://doi.org/10.30574/ijrsra.2023.10.2.1038>

## Department of Ecotourism and Hospitality Management

### Staff

| Name                | Qualification                                             | Rank/Position                                                             |
|---------------------|-----------------------------------------------------------|---------------------------------------------------------------------------|
| Kuuder, C-J. W      | B.Sc, M.Phil., Ph.D. (Cape Coast, Gh), PGDE, (Tamale, Gh) | Associate Professor/HoD                                                   |
| Adongo, R.          | B.Sc, (Cape Coast, Gh), MA., (UK), Ph.D., (HongKong)      | Senior Lecturer/Faculty Academic Advisor for Postgraduate Programmes/TTFP |
| **Poku, G.          | B.Sc., (Kumasi, Gh), M.Phil., (Cape Coast, Gh)            | Lecturer                                                                  |
| Agama-Agbanu, H. K. | B.Sc., M.Phil., (Cape Coast, Gh)                          | Lecturer                                                                  |

\*Staff on study leave

### Programme Offered

- BSc. Ecotourism and Hospitality Management

### Publications

#### Kuuder C-J. W

Nutsugbodo, R. Y., Blankson-Stiles-Ocran, S., Osei, B. A., Afful, B.E.B., **Kuuder, C-J. W.**, Alhassan, T.Z., Akogo, J., Obeng, E., Agyiri, P.D., and Amponsah, G.N. (2024). University students’ participation in campus-based events; *International Journal of Events and Festival Management*. <https://www.emerald.com/insight/1758-2954.htm>

Husseini, R., Sraku, D. G. Nasare, L. I & **Kuuder, C.J. W.** (2023). Influence of Foreign Religion on Customary Management of Natural Resources: The Case of Sacred Groves in Sefwi-Wiawso Municipality, Ghana. *Small-scale Forestry, Springer* doi.org/10 .1007/s11842-023-09558-8

#### Adongo, R.

Ampofo, J. A., Owusu-Sekyere, E. S., & **Adongo, R.** (2024). Human settlement in high-risk floodplains in developing countries: A systematic review. *ADRRI Journal of Arts and Social Sciences*, 21(2 (9), 1-15.

Biney, S., **Adongo, R.**, & Agama-Agbanu, H. K. (2023). Visitor perception and satisfaction at Rattray Park - Ghana. *UDS International Journal of Development*, 10 (2), 1046–1060.

Appiah, P. A., **Adongo, R.**, & Abdul-Rafi, S. A. F. O. (2023). Sustainable energy systems and green hotel practices in hotels in Tamale Metropolis, Ghana. *Journal of Environmental Management and Tourism*, 14(7), 2915-2934.

**Adongo, R.**, Choe, J. Y., & Shine, S. S. (2023). Environmentally friendly practices in Macau hotels before and after the COVID-19 pandemic: Hotel executives’ perspectives. *Journal of Hospitality and Tourism Insights*, 6(5), 1-18.

Tiyumba, A. I., & **Adongo, R.** (2023). Religious needs and perceptions of hotel guests in Tamale (Ghana). *Journal of Islamic Tourism*, 3(1), 34-56.

Choe, J. Y., Opoku, E. K., Cuervo, J. C., & **Adongo, R.** (2023). Investigating potential tourists’ attitudes toward artificial intelligence services: a market segmentation approach. *Journal of Hospitality and Tourism Insights*, 6(3), 38-56.

**Agama-Agbanu, H. K.**

Biney, S., Adongo, R., & **Agama-Agbanu, H. K.** (2023). Visitor perception and satisfaction at Rattray Park - Ghana. *UDS International Journal of Development*, 10 (2), 1046-1060.

## Department of Environment and Sustainability Sciences

### Staff

| Name              | Qualification                                                                  | Rank/Position                                                        |
|-------------------|--------------------------------------------------------------------------------|----------------------------------------------------------------------|
| Doke, D. A.       | BA. (UDS, Tamale, Gh), MPhil. (Ghana)<br>PhD (UAB, Al, USA)                    | Snr. Lecturer/HoD                                                    |
| Cobbina, S. J.    | BSc. (UCC, Cape Coast, Gh) MPhil Ghana),<br>PhD (JU, Jiangsu, China)           | Associate Professor/Dean                                             |
| Owusu-Sekyere, E. | BEd, (UCC, Cape Coast, Gh) M.Phil., PhD<br>(Ghana)                             | Associate Professor                                                  |
| Amoako, E. E.     | B.Sc. (UDS, Tamale Gh), MSc. (KNUST,<br>Kumasi, Gh), PhD (RU, Grahamstown, SA) | Snr. Lecturer/ Director, Centre for<br>Gender and Career Development |
| Asare, W.         | B.Sc. (UDS, Tamale Gh), M.Sc., PhD<br>(KNUST, Kumasi, Gh)                      | Snr. Lecturer/Faculty Quality<br>Assurance Officer                   |
| Ebenezer Asare    | B.Ed., MPhil (UDS, Tamale, Gh)                                                 | Asst. Lecturer                                                       |

### Programme Offered

- BSc. Renewable Natural Resources (Ecotourism and Environmental Mgt. Option)
- BSc. Environmental Management and Sustainability
- MSc. /MPhil Environmental Management and Sustainability
- PhD Environmental Management and Sustainability

### Publications

**Owusu-Sekyere, E.**

- Sarfo, A. K., **Owusu-Sekyere, E.**, Toku, A., & N-Yanbini, N. N. (2024). Geographically induced and the spatially differentiated dimension of flood vulnerability in Greater Kumasi Metropolis, Ghana. *International Journal of Urban Sustainable Development*, 16(1), 73-92.
- Arfasa, G. F., **Owusu-Sekyere, E.**, & Doke, D. A. (2024). Climate Change Projections and Impacts on Future Temperature, Precipitation, and Stream flow in the Veia Catchment, Ghana. *Environmental Challenges*, 14, 100813.
- Arfasa, G. F., **Owusu-Sekyere, E.**, & Doke, D. A. (2024). Temperature and precipitation trend analysis using the CMIP6 model in the Upper East region of Ghana. *All Earth*, 36(1), 1-14.
- Arfasa, G. F., **Owusu-Sekyere, E.**, Doke, D. A., & Aygei Ampofo, J. (2024). Impacts of climate and land use/cover changes on the sustainability of irrigation water in West Africa: a systematic review. *All Earth*, 36(1), 1-13.
- Arfasa, G. F., **Owusu-Sekyere, E.**, & Doke, D. A. (2023). Past and future land use/land cover, and climate change impacts on environmental sustainability in Veia catchment, Ghana. *Geocarto International*, 38(1), 2289458.
- Arfasa, G. F., **Owusu-Sekyere, E.**, & Doke, D. A. (2024). Spatio-Temporal Analysis of Land Use/Land Cover Change and the Implications on Sustainable Development Goals in the Veia Catchment of Ghana. *Rangeland Ecology & Management*, 94, 83-94.

- Volsuuri, E., **Owusu-Sekyere, E.**, & Imoro, A. Z. (2023). Quality analysis of solid waste management services in Ghana: A gap score approach. *Cleaner Waste Systems*, 4, 100071.
- Mabe, F. N., Dauda, A., & **Owusu-Sekyere, E.** (2023). Artisanal small-scale mining, farm labour attraction and household welfare in Ghana. *Resources Policy*, 86, 104208.
- Arfasa, G. F., **Owusu-Sekyere, E.**, & Doke, D. A. (2023). Predictions of land use/land cover change, drivers, and their implications on water availability for irrigation in the Veia catchment, Ghana. *Geocarto International*, 38(1), 2243093.
- Amoah, S. T., & **Owusu-Sekyere, E.** (2023). Beyond the ‘hustling’: the everyday discourse of hope of informal traders in a Ghanaian city. *South African Geographical Journal*, 1-16..
- Owusu-Sekyere, E.**, Toku, A., & Kwabena Sarfo, A. (2023). From the Garden City of West Africa to a landscape of urban crises. *Urban Research & Practice*, 1-18.
- Volsuuri, E., **Owusu-Sekyere, E.**, Imoro, A. Z., & Bellua, S. N. (2023). Assessing the efficiency of solid waste collection services in urban Ghana. *Waste Management Bulletin*, 1(3), 71-81.
- Volsuuri, E., **Owusu-Sekyere, E.**, & Imoro, A. Z. (2023). Unequal location, unequal access: the spatial analysis of solid waste disposal services in Northern Ghana. *Discover Environment*, 1(1), 14.
- Owusu-Sekyere, E.**, Toku, A., & Mabe, F. N. (2023). Privatization And The Politics Of Solid Waste Management In Ghana: Lessons From Experiences. *UDS International Journal of Development*, 10(1), 150-159. **Doke, D. A.**
- Arfasa, G. F., **Owusu-Sekyere, E.**, & **Doke, D. A.** (2024). Climate Change Projections and Impacts on Future Temperature, Precipitation, and Stream flow in the Veia Catchment, Ghana. *Environmental Challenges*, 14, 100813.
- Arfasa, G. F., **Owusu-Sekyere, E.**, & **Doke, D. A.** (2024). Temperature and precipitation trend analysis using the CMIP6 model in the Upper East region of Ghana. *All Earth*, 36(1), 1-14.
- Arfasa, G. F., **Owusu-Sekyere, E.**, **Doke, D. A.**, & Aygei Ampofo, J. (2024). Impacts of climate and land use/cover changes on the sustainability of irrigation water in West Africa: a systematic review. *All Earth*, 36(1), 1-13.
- Arfasa, G. F., **Owusu-Sekyere, E.**, & **Doke, D. A.** (2023). Past and future land use/land cover, and climate change impacts on environmental sustainability in Veia catchment, Ghana. *Geocarto International*, 38(1), 2289458.
- Arfasa, G. F., **Owusu-Sekyere, E.**, & **Doke, D. A.** (2024). Spatio-Temporal Analysis of Land Use/Land Cover Change and the Implications on Sustainable Development Goals in the Veia Catchment of Ghana. *Rangeland Ecology & Management*, 94, 83-94.

### **Cobbina S. J.**

- Tahiru, A. W., **Cobbina, S. J.**, Mohammed, M., & Asare, W. (2024). Perspective Review on Emerging Waste to Energy (WtE) Technologies for Effective Waste Management. *Innovations in Circular Economy and Renewable Energy in Africa*, 23-41.
- Cangola, J., Abagale, F. K., **Cobbina, S. J.**, & Osei, R. A. (2025). Prevalence of antibiotic-resistant enterobacteriaceae in domestic wastewater and associated health risks in reuse practices. *International Journal of Hygiene and Environmental Health*, 263, 114478.
- Tahiru, A. W., **Cobbina, S. J.**, & Asare, W. (2024). A Circular Economy Approach to Addressing Waste Management Challenges in Tamale’s Waste Management System. *World*, 5(3), 659-682.

- Tahiru, A. W., **Cobbina, S. J.**, & Asare, W. (2024). Evaluation of energy potential of MSW in the tamale metropolis, Ghana: An assessment of solid waste characteristics and energy content. *Journal of the Air & Waste Management Association*, 74(9), 639-663.
- Tahiru, A. W., **Cobbina, S. J.**, Asare, W., & Takal, S. U. (2024). Unlocking Energy from Waste: A Comprehensive Analysis of Municipal Solid Waste Recovery Potential in Ghana. *World*, 5(2), 192-218.
- Amenyeku, G., **Cobbina, S. J.**, Asare, W., & Teye, G. K. (2024). Hydrothermal carbonization of organic waste using faecal sludge as a water source: Response surface methodology-Box Behnken design. *Environmental Challenges*, 15, 100900.
- Cangola, J., Abagale, F. K., & **Cobbina, S. J.** (2023). A systematic review of pharmaceutical and personal care products as emerging contaminants in waters: The panorama of West Africa. *Science of The Total Environment*, 168633.
- Senanu, L. D., Kranjac-Berisavljevic, G., & **Cobbina, S. J.** (2023). The use of local materials to remove heavy metals for household-scale drinking water treatment: A review. *Environmental Technology & Innovation*, 29, 103005.

#### **Amoako, E. E**

- Awoonor J.K., **Amoako, E.E.**, Dogbey B.F., Wiredu, I. (2024). Quantitative analysis of soil degradation in response to land use change in the Guinea savanna zone of Ghana. *Geoderma Regional*, 37 e00779
- Clements H.S., Do Linh San E., Hempson, G., **Amoako, E.E.**, Woodhouse G.M., (2024). The bii4africa dataset of faunal and floral population intactness estimates across Africa’s major land uses. *Sci Data* 11, 191.
- Amoako EE**, Issifu H, Hussein R (2023). The Effects of Prescribed Dry Season Burning on Woody Species Composition, Mole National Park, Ghana. *Tropical Conservation Science*. 2023;16. doi:10.1177/19400829231164936

#### **Wilhemina, A**

- Amenyeku G., Cobbina S.J., **Asare, W.**, & Teye G. K. (2024). Hydrothermal carbonization of organic waste using faecal sludge as a water source: Response surface methodology-Box Behnken design. *Environmental Challenges* (15) 100900. <https://doi.org/10.1016/j.envc.2024.100900>

### **Department of Biodiversity Conservation and Management**

#### **Staff**

| <b>Name</b>    | <b>Qualification</b>                                                          | <b>Rank/Position</b>                                                                                |
|----------------|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Weobong, A. C. | B.Sc. (UDS, Tamale, Gh), MPhil (KNUST, Kumasi, Gh), PhD, Tamale, Gh)          | Snr. Lecturer/HoD                                                                                   |
| Imoro, A. Z.   | B.Sc. (UDS, Tamale, Gh), MPhil (UCC, Cape Coast, Gh), PhD (KNUST, Kumasi, Gh) | Associate Professor/Vice- Dean                                                                      |
| Lawyer, E. A   | B.Sc., M.Sc. (UDS, Tamale, Gh), PhD (Freiburg, Germany)                       | Lecturer/ Departmental Quality Assurance Officer/ Coordinator, Faculty Distance Education Programme |
| Abukari, H.    | B.Sc. (UDS, Tamale, Gh), MPhil (UG, Legon, Gh), PhD (DAR ES SALAAM, Tanzania) | Lecturer/, Departmental Exams Officer/ Farm Manager                                                 |

|               |                                                                               |                                                         |
|---------------|-------------------------------------------------------------------------------|---------------------------------------------------------|
| Aikins, K. T. | B.Sc. (UDS, Tamale, Gh), MPhil (UG, Legon, Gh), PhD (Cape Town, South Africa) | Lecturer/ Departmental/ Museum Manager                  |
| **Dzitse, S.  | B.Sc., M.Phil., (UCC, Cape Coast, Gh)                                         | Lecturer/Departmental Rep. on Faculty Research Unit     |
| **Dery, G.    | B.Sc. (UDS, Tamale, Gh), MPhil (KNUST, Kumasi, Gh)                            | Assistant Museum Manager                                |
| Poreku, G.    | B.Sc. (UDS, Tamale, Gh), MPhil (UCC, Cape Coast, Gh)                          | Assistant Lecturer/ Departmental Farm Assistant Manager |

\*\*Part time study

### Programme Offered

- BSc. Renewable Natural Resources (Biodiversity Conservation and Mgt. option)
- BSc. Biodiversity Conservation

### Publications

#### Imoro, A. Z.

Duwiejuah, A. B., **Imoro, A. Z.** and Alhassan, E. H. (2024). Biowaste biochar as a green technology for adsorption of heavy metals in wastewater. In: Allah Ditta, Sajid Mehmood, Muhammad Imtiaz and Mike S. Tu (eds), Bio-organic amendments for Heavy metal remediation. Soil, water and plant approaches and technologies. Elsevier, Amsterdam, Netherlands.

Namwinbown T., **Imoro A. Z.**, Weobong A. C., Tom-Dery D., Baatuuwie N. B., Aikins K. T., Poreku G. and Lawer A. E. (2024). Patterns of green space change and fragmentation in a rapidly expanding city of northern Ghana, West Africa. *City and Environment Interactions*, 21: 1-11.

Duwiejuah, A. B., **Imoro, A. Z.**, Abukari, A., Iddrisu A-M., Imoro, A. Z. (2023). Mercury Adsorption Using Biowaste Biochar: A Green Technology Approach. In: Kumar, N. (ed), Mercury Toxicity. Environmental Science and Engineering, Springer, Singapore.

#### Lawer, E. A.

**Lawer, E. A.** (2024). Predicting the impact of climate change on the potential distribution of a critically endangered avian scavenger, Hooded Vulture *Necrosyrtes monachus*, in Ghana. *Global Ecology and Conservation*, 49, e02804. <https://doi.org/10.1016/j.gecco.2024.e02804>

**Lawer, E. A., & Ishaq, M.** (2024). Knowledge and perceptions of local people towards the hippopotamus, *Hippopotamus Amphibious* and its conservation: Insights from Ghana. *Tropical Conservation Science*, 17, 1-11. <https://doi.org/10.1177/19400829241265649>

Namwinbown, T., Imoro, Z. A., Weobong, C. A.-A., Tom-Dery, D., Baatuuwie, B. N., Aikins, T. K., Poreku, G., & **Lawer, E. A.** (2024). Patterns of green space change and fragmentation in a rapidly expanding city of northern Ghana, West Africa. *City and Environment Interactions*, 21, 100136. <https://doi.org/10.1016/j.cacint.2023.100136>

**Lawer, E.A.** (2024). An evaluation of single and multi-date Landsat image classifications using random forest algorithm in a semi-arid savanna of Ghana, West Africa." *Scientific African* 26, e02434. <https://doi.org/10.1016/j.sciaf.2024.e02434>.

#### Abukari, H.

Oduro, K. A., Obeng, E. A., **Abukari, H.**, Guuroh, R. T., Andoh, J. Mensah, E. S., Acquah S. B., Owusu-Ansah, M., Nibenang, M. & Obiri, B. D. (2024). Local communities’ adaptation strategies for reducing vulnerabilities to climate change in cocoa-forest dominated landscapes in Ghana. *Geo Journal*, 89(61): 1 – 17.

**Aikins, T. K.**

Namwinbown, T., Imoro, Z. A., Weobong, C. A., Tom-Dery, D., Baatuwuwie, B. N., **Aikins, T. K.**, Poreku, G., & Lawer, E. A. (2024). Patterns of green space change and fragmentation in a rapidly expanding city of northern Ghana, West Africa. *City and Environment Interactions*. 21, 100136.

## FACULTY OF COMMUNICATION AND MEDIA STUDIES (FCMS)

### Introduction

The Faculty of Communication and Media Studies (FCMS) was established in September 2019, initially as Faculty of Communication and Cultural Studies (FCCS), which was carved out of the Faculty of Agricultural Communication Studies (FACS). In December 2022, FCCS was renamed FCMS when the Faculty of Social Sciences (FSS) was also carved out of it. The FCMS is a multidisciplinary faculty that offers worldclass undergraduate and postgraduate programmes, as well undertakes cutting edge research, in Communication and cognate disciplines.

### Academic Departments

Five departments constitute the pillars of FCMS:

- Department of Communication, Innovation, and Technology
- Department Languages and Information Studies
- Department of Performing Arts
- Department of Journalism Studies
- Department of Public Relations and Advertising

### Academic programmes (Undergraduate & Graduate)

The FCMS offers the following undergraduate and postgraduate programmes:

- A. Diploma in Social Change Communication
- B. BSc in Social Change Communication
- C. BA French
- D. BA Journalism
- E. BA Performing Arts
- F. MA Social Change Communication
- G. MPhil Social Change Communication
- H. PhD Social Change Communication

### Student Population by Gender

| S/N | Programme                           | Male | Female | Total |
|-----|-------------------------------------|------|--------|-------|
| 1.  | BSc Social Change Communication     | 361  | 296    | 657   |
| 2.  | Diploma Social Change Communication | 71   | 54     | 125   |
| 3.  | BA French                           | 3    | 9      | 12    |

|                    |                                   |            |            |            |
|--------------------|-----------------------------------|------------|------------|------------|
| 4.                 | BA Journalism Studies             | 9          | 30         | 39         |
| 5.                 | BA Performing Arts                | 2          | -          | 2          |
| 6.                 | MA Social Change Communication    | 11         | 3          | 12         |
| 7.                 | MPhil Social Change Communication | 18         | 14         | 32         |
| 8.                 | PhD Social Change Communication   | 12         | 4          | 16         |
| <b>Grand Total</b> |                                   | <b>487</b> | <b>410</b> | <b>897</b> |

**Office of the Dean**

| <b>Name</b>             | <b>Qualifications</b>                                                                                                           | <b>Rank/Position</b>                              |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| <i>Ayelazuno, A. J.</i> | <i>B.A. (UG, Accra, Gh), MA (Sussex, UK), PhD (York, Canada)</i>                                                                | <i>Associate Professor/Dean</i>                   |
| <i>Mumuni, E.</i>       | <i>HND (TaTU, Tamale, Gh), MA (UDS, Tamale, Gh), MBA (PGSM, France), PhD (Nottingham, UK/Malaysia), PhD (NWU, South Africa)</i> | <i>Senior Lecturer/Vice Dean</i>                  |
| <i>Mahama, V. A</i>     | <i>B.Ed. (UEW, Winneba, Gh), M.Phil. (UG, Gh)</i>                                                                               | <i>Senior Assistant Registrar/Faculty Officer</i> |
| <i>Mohammed, F</i>      | <i>BA. IDS (UDS, Tamale, Gh), M. Phil (UDS, Tamale, Gh)</i>                                                                     | <i>Principal Admin. Assist.</i>                   |
| <i>Adam, L</i>          | <i>BA. (UDS, Tamale, Gh)</i>                                                                                                    | <i>Senior Admin. Assistant</i>                    |
| <i>Issahaku, G. A</i>   | <i>HND (TaTU, Tamale, Gh) BA. (UEW, Winneba, Gh)</i>                                                                            | <i>Senior Admin. Assistant</i>                    |

**Department of Communication, Innovation and Technology****Programmes:**

- Diploma Social Change Communication
- BSc. Social Change Communication
- MA Social Change Communication
- MPhil Social Change Communication
- PhD Social Change Communication

**Staff**

| <b>Name</b>         | <b>Qualification</b>                                                         | <b>Rank/Position</b>              |
|---------------------|------------------------------------------------------------------------------|-----------------------------------|
| <i>Abdulai, M.</i>  | <i>BA (UG, Accra, Gh), MA (Aalborg, Denmark) PhD (Tallin, Estonia)</i>       | <i>Snr. Lecturer (HoD)</i>        |
| <i>Alhassan, A</i>  | <i>PhD (Concordia, Canada)</i>                                               | <i>Associate Prof</i>             |
| <i>Amadu, M. F.</i> | <i>BA (UDS, Tamale, Gh), MPhil (UDS, Tamale, Gh), (PhD, UK, Westminster)</i> | <i>Lecturer</i>                   |
| <i>Yussif, M</i>    | <i>BA, MPhil (UDS, Tamale, Gh), MSC (SOAS, UK)</i>                           | <i>Lecturer</i>                   |
| <i>Debrie, J.M</i>  | <i>BA &amp; MA (UG, Accra, Gh)</i>                                           | <i>Principal Research Assist.</i> |

**\*On Leave****Publications****Ayelazuno, J. A.****Referred Journal Publications**

**Ayelazuno, J. A., & Aziabah, M. A.** (2023). Making visible the galamsey scandals in Ghana: digital media as new technologies of democratic accountability. *The Extractive Industries and Society*, 16, 101366. <https://doi.org/10.1016/j.exis.2023.101366>

- Ibrahim, M. G., **Ayelazuno, J. A.**, & Ateng, M. A. (2024). Governance, institutions and human development: Rethinking government flagship projects and initiatives in Ghana. *Development Policy Review*, <https://doi.org/10.1111/dpr.12809>
- Aziabah, M. A., & **Ayelazuno, J. A.** (2024). The failure of the militarised fight against ‘Galamsey’ in Ghana: A critical overview of the class and political dynamics. *Journal of Planning and Land Management*, 3(2), 38-51, <https://doi.org/10.36005/jplm.v3i2.78>

### **Mumuni, E**

- Ogwu, M. C., Thompson, O. P., Kosoe, E. A., **Mumuni, E.**, Akolgo-Azupogo, H., Obahiagbon, E. G., Izah, S. C., & Imarhiagbe, O. (2024). Factors driving the acceptance of genetically modified food crops in Ghana. *Food Safety and Health*, 1–11. <https://doi.org/10.1002/fsh3.12031>
- Fischer, G., Jimah, K., **Mumuni, E.**, Nurudeen, A. R., Glover, K., & Weseh, A. (2023). Developing gender-transformative innovation packages for sustainable intensification: the case of maize leaf stripping in northern Ghana. *Gender, Technology and Development*, DOI: [10.1080/09718524.2023.2260652](https://doi.org/10.1080/09718524.2023.2260652)

### **Abdulai, M.**

#### **Journal Articles:**

- Abdulai, M.**, Hadi H. & Ulbinaite, A (2024). The Nuanced Footprints of Covid-19 Predicament on Labour Market Integration of Migrants in Finland. *Review of European Studies, Canadian Center of Science and Education*, Open Access.
- Alhassan B. Z, **Abdulai, M.** Ibrahim, N. (2024). Migration, Mobility and the Formation of In-Migrants’ Leadership among Dagombas in Ghana’s Capital City. - *Human Arenas*. Springer Nature- <https://doi.org/10.1007/s42087-024-00425-2>
- Ibrahim, H. **Abdulai, M.**, Iddrisu. S. Konlan. (2024). Society and Organizational Leadership: Investigating the Sociocultural Construction of Toxic and Constructive leaders in Ghana. *International Journal of Cross-Cultural Management*. SAGE Publications.

## **Department of Public Relations and Advertising**

B.A. Public Relations and Advertising

### **Staff**

| <b>Name</b>      | <b>Qualification</b>                             | <b>Rank/Position</b> |
|------------------|--------------------------------------------------|----------------------|
| Umaru, N         | B.A. (UDS, Tamale, Gh) MPhil, (UEW, Winneba, Gh) | Lecturer/Coordinator |
| Atiirimbey, A. L | B.A. (UDS, Tamale, Gh) MPhil, (UEW, Winneba, Gh) | Lecturer             |
| *Chentiba, A. T  | B.A. (UDS, Tamale, Gh) MPhil, (UEW, Winneba, Gh) | Lecturer             |

\*Study Leave

## **Department of Journalism and Media Studies**

B.A. Journalism Studies

### **Staff**

| <b>Name</b> | <b>Qualifications</b> | <b>Rank/Position</b> |
|-------------|-----------------------|----------------------|
|-------------|-----------------------|----------------------|

|                      |                                                               |                               |
|----------------------|---------------------------------------------------------------|-------------------------------|
| <i>Sayibu, M. S.</i> | <i>Dip (GIJ, Accra, Gh) MA (Cardiff, UK) PhD (Bangor, UK)</i> | <i>Lecturer (Coordinator)</i> |
| <i>Gibrilu, A. W</i> | <i>BA (UG, Accra, Gh) MA &amp; PhD (CUC, China)</i>           | <i>Lecturer</i>               |
| <i>Dramani, S.J.</i> | <i>B.A (GIJ, Accra, Gh) MPhil (UEW, Winneba, Gh)</i>          | <i>Lecturer</i>               |
| <i>Shahadu, H</i>    | <i>B.A (UG, Accra, Gh) MSc (LSE, UK)</i>                      | <i>Assistant Lecturer</i>     |

## Department of Performing Arts

B.A Performing Arts

### Staff

| <b>Name</b>            | <b>Qualification</b>                                             | <b>Rank/Position</b>    |
|------------------------|------------------------------------------------------------------|-------------------------|
| <i>Jebuni, T.S</i>     | <i>Dip. BA. M.Phil. (UG, Accra, Gh), PhD (MITTDS, Bolga, Gh)</i> | <i>Snr Lecturer/HoD</i> |
| <i>Odoi-Yeboah, M.</i> | <i>BFA (UCC, Cape Coast, Gh), MFA (Gh)</i>                       | <i>Lecturer</i>         |
| <i>Abdulai, Z.O</i>    | <i>B.Ed &amp; MPhil (UEW, Winneba, Gh)</i>                       | <i>Lecturer</i>         |
| <i>Sherriff, M. O</i>  | <i>B.Ed. (UEW, Winneba, Gh) Mphil. (UG. Accra Gh)</i>            | <i>Lecturer</i>         |

### Publications

#### Jebuni, T. S

Abokyi, S. N., **Jebuni, T. S.**, Mahama, E. S. (January, 2024). An Anthropological Study of Indigenous Weapon Production Among the Anufor of Northern Ghana. European Journal of Development Studies, 4(3), 23–33.  
<https://doi.org/10.24018/ejdevelop.2024.4.3.347>

**Jebuni, T. S.**; Abazaami, J. (December, 2023). Modernity, Sigmáá Masquerading, and the Psychosocial Development of the Youth. European Journal of Development Studies, 3(6), 46–57. <https://doi.org/10.24018/ejdevelop.2023.3.6.320>.

## Department of Languages and Information Studies

B A French

### Staff

| <b>Name</b>           | <b>Qualification</b>                                                                             | <b>Rank/Position</b>          |
|-----------------------|--------------------------------------------------------------------------------------------------|-------------------------------|
| <i>Fiadzawoo, J.K</i> | <i>B.Ed, MPhil, Ph.D (UCC, Cape Coast, Gh)</i>                                                   | <i>Senior Lecturer, HoD</i>   |
| <i>Mahama, E. S</i>   | <i>B.A(UG, Accra, Gh), M.A, Ph.D (Reading, UK)</i>                                               | <i>Senior Research Fellow</i> |
| <i>Dable, G.S.</i>    | <i>B.A., MPhil. (KNUST, Kumasi, Gh)</i>                                                          | <i>Lecturer</i>               |
| <i>Ganu, D.K</i>      | <i>B.A., MPhil. (UCC, Cape Coast Gh)</i>                                                         | <i>Lecturer</i>               |
| <i>Salifu, I</i>      | <i>B.Ed, &amp; MPhil (UEW, Winneba, Gh)</i>                                                      | <i>Lecturer</i>               |
| <i>Arimiyaw, J.A.</i> | <i>B.A. (KNUST, Kumasi, Gh), MPhil (UBM, Bordeaux, France)</i>                                   | <i>Lecturer</i>               |
| <i>Afari, E.S.K.</i>  | <i>B.A (KNUST, Kumasi, Gh), PGD (UEW, Winneba, Gh), MPhil (KNUST, Kumasi, Gh), PhD (UCC, Gh)</i> | <i>Lecturer</i>               |
| <i>Mohammed, H. J</i> | <i>BEd &amp; MPhil (UEW, Winneba, Gh)</i>                                                        | <i>Lecturer</i>               |
| <i>Awiah, W. J</i>    | <i>BEd &amp; MPhil (UCC, Cape Coast, Gh)</i>                                                     | <i>Lecturer</i>               |

### Publications

**Edward Salifu Mahama**

Abokyi, S. N., **Jebuni, T. S.**, Mahama, E. S. (January 2024). An Anthropological Study of Indigenous Weapon Production Among the Anufor of Northern Ghana. *European Journal of Development Studies*, 4(3), 23–33. <https://doi.org/10.24018/ejdevelop.2024.4.3.347>

**Jonas Kwabla Fiadzawoo**

Abdulai J. A., **Fiadzawoo, J. K.** & Kunji D. M (2024). L’acquisition des compétences de communication en français sur objectifs spécifiques : quelles perceptions concernant le contenu, la méthodologie et la durée de l’enseignement dans deux établissements d’enseignement supérieur à Tamale au Ghana ? *Journal de la Recherche Scientifique de l’Université de Lomé*, No. 26 (1) : 13-27

**Joseph Arimiyawu Abdulai**

**Abdulai J.A.**, Fiadzawoo, J.K., Kunji D.M. (2024). L’acquisition des compétences de communication en français sur objectifs spécifiques : quelles perceptions concernant le contenu, la méthodologie, et la durée de l’enseignement dans deux établissements d’enseignement supérieur à Tamale au Ghana ? *Journal de la Recherche Scientifique de l’Université de Lomé*, No. 26 (1) : 13-27

**KAZUHIKO TAKEUCHI CENTRE FOR SUSTAINABILITY AND RESILIENCE (KTCSR)****Introduction**

The Kazuhiko Takeuchi Centre for Sustainability and Resilience (KTCSR) was established in 2016 and is located at the University for Development Studies, Nyankpala Campus. Its mandate is to promote sustainability science, resilience and ecosystem research and education through trans-disciplinary approaches and capacity building against climate and ecosystem deterioration, locally and internationally, within the African region.

The KTCSR at the University for Development Studies, Tamale, is a spinoff from the research gains of the Climate and Ecosystem Change Adaptation and Resilience (CECAR) Africa project. The Centre also undertakes policy driven research on Sustainable Development Goals and capacity development (i.e. through training and short courses) tailored to the human resource needs of the African continent. In this regard, KTCSR has its vision “as a Centre of Excellence in research and education in sustainability and resilience to climate and ecosystem changes in Africa”

**Core Team Members**

| <b>Name</b>               | <b>Qualification</b>                                                              | <b>Rank/Position</b>         |
|---------------------------|-----------------------------------------------------------------------------------|------------------------------|
| Alhassan, H.              | B.Sc. (KNUST, Kumasi, Gh), PG Dip. Ed.(UDS, Tamale,Gh), M.Phil., Ph.D. (Ghana)    | Associate Professor/Director |
| Kranjac-Berisavljevic', G | B.Sc. (Belgrade, Yugoslavia), M.Sc. (Bari, Italy), D. Litt (St. C1) Ph.D. (Ghana) | Professor/Adj. Researcher    |
| Abagale, F.K              | B.Sc. (UDS, Tamale, Gh), M.Sc., Ph.D. (KNUST, Kumasi,Gh)                          | Professor/ Adj. Researcher   |

|                      |                                                                                                     |                                                     |
|----------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| <i>Donkoh, S.A</i>   | <i>B.A., Dip. Ed, M.Phil. (UCC, Cape Coast,Gh), Ph.D. (Reading, UK)</i>                             | <i>Professor/ Adj. Researcher</i>                   |
| <i>Obeng, K.F.</i>   | <i>B.Sc., M.Phil. (UCC, Cape Coast, Gh), Ph.D. (Wageningen, Netherlands)</i>                        | <i>Associate Professor/ Adj. Researcher</i>         |
| <i>Shaibu, A.G.</i>  | <i>B.Sc. (UDS, Tamale, Gh), M.Sc., Ph.D. (KNUST, Kumasi, Gh)</i>                                    | <i>Professor/ Adj. Researcher</i>                   |
| <i>Doke, D.A.</i>    | <i>B.A. (UDS, Tamale, Gh), M.Phil. (Ghana), Ph.D. (UAB, AI, USA)</i>                                | <i>Snr. Lecturer/ Adj. Research</i>                 |
| <i>Kwoyiga, L</i>    | <i>B.A. (UDS, Tamale, Gh), M.Sc. (As, Norway), M.Phil. (Oslo, Norway), Ph.D. (Dresden, Germany)</i> | <i>Snr. Lecturer/ Adj. Researcher</i>               |
| <i>Gandaa, B.Z.</i>  | <i>B.Sc. (UDS, Tamale, Gh), M.Phil. (Ghana), Ph.D. (UDS, Tamale, Gh)</i>                            | <i>Lecturer/ Adj. Researcher</i>                    |
| <i>Lolig, V.</i>     | <i>B.Sc.(UDS, Tamale, Gh), M.Phil. (Ghana)</i>                                                      | <i>Lecturer/ Adj. Researcher</i>                    |
| <i>Amoako, E. E.</i> | <i>B.Sc. (UDS, Tamale Gh), M.Sc. (KNUST, Kumasi, Gh)</i>                                            | <i>Snr Lecturer/ Adj. Researcher</i>                |
| <i>Ofori, G.A</i>    | <i>HND (TaTU, Tamale, Gh), B.MS., MA.,(Cape Coast, Gh), ChPA, CMC (Ghana)</i>                       | <i>Jnr. Assistant Registrar/ Admin. Coordinator</i> |

### Activities

The following are the activities undertaken by Kazuhiko Takeuchi Centre for Sustainability and Resilience during the 2023/2024 academic year

#### Solar Lantern Project – DIWA and CEGA Project

Report on a training workshop for enumerators and field supervisors to conduct a research on Solar Lantern, organized by Kazuhiko Takeuchi Centre for Sustainability and Resilience, UDS in collaboration with the Ministry of Energy on 20<sup>th</sup> April, 2024.

#### Establishment of Disaster Risk Awareness Club in UDS

The Centre in partnership with UDS students have established a Disaster Risk Awareness Club in UDS in April, 2024.

### CENTRE FOR AGRICULTURAL PRODUCTIVITY AND POLICY STUDIES (CAPPS)

#### Staff

| Staff Name         | Qualification                                       | Rank/Position                        |
|--------------------|-----------------------------------------------------|--------------------------------------|
| <i>Mabe, F. N.</i> | <i>BSc., MPhil. (Ghana), PhD (UDS, Tamale, Gh).</i> | <i>Assoc. Prof./ Director, CAPPS</i> |

*Mabe, F.N.*

#### Publications

Konja, D. T. and **Mabe, F. N.** (2023). Market participation of smallholder groundnut farmers in Northern Ghana: Generalised double hurdle model approach, *Cogent Economics & Finance*, 11:1-19

Mahama, A., Awuni, J. A., **Mabe, F. N.**, Azumah, S. B. & Sheriff, M. (2023). A Microeconomic Examination of the Determinants and Adoption Constraints of Soya Production Technologies in Ghana, *Ghana Journal of Agricultural Economics and Agribusiness*, 4 (1): 34 - 50

#### Conferences

**Mabe, F. N., Abdulai, S. & Asale, M. A. (2024).** Implications of Farmer-Based Organization Membership on Women Empowerment in Karaga District of Ghana., *A paper presented at 2024 4<sup>th</sup> IRAD Conference, West African Centre for Water, Irrigation and Sustainable Agriculture (WACWISA), University for Development Studies from 21<sup>st</sup>- 24<sup>th</sup> February, 2024, WACWISA Conference Hall, Nyankaspala Campus, Ghana. Conference Theme: "Climate Change, Water, Food Systems and One Health: A need for sustainable solutions"*

**Issifu, S., & Mabe, F. N. (2023)** Adapting to Change: Coping Strategies of Farm Households to Artisanal Small-Scale Mining in Asutifi North District of Ghana, *A paper presented at 6<sup>th</sup> Ghana Association of Agricultural Economists (GAEE) Conference November 8 -11, 2023, at University of Cape Coast, Cape Coast, Ghana, Conference Theme: Sustainable Food Systems for National Development*

#### **Activities of CAPPS from September, 2023 to August, 2024**

- 18<sup>th</sup> July, 2024: Citizens Engagement and Input Gathering for Sustainable Economic Recovery organized by Economic Governance Platform at Regal Hotel in Tamale
- 16<sup>th</sup> July, 2024: Campaign Launch for Sustainable Debt Management organized by Economic Governance Platform at America Royal in Tamale
- 1<sup>st</sup> to 4<sup>th</sup> July, 2024: Pause and Reflect organized by The Feed the Future Ghana USAID PolicyLINK at Peninsula Resort Hotel at Akosombo
- 25<sup>th</sup> June, 2024: CAPPS collaborated with Global Shea Alliance (GSA) and Mastercard Foundation to organise a one-day learning event on the Shea Business Empowerment Programme including GSA-UDS student internship at Modern City Hotel, Tamale.
- 16<sup>th</sup> April, 2024: USAID MSR and USAID PolicyLINK organized a National Policy Dialogue on the Decentralized Agriculture Sector in Tamale. During this event, a Principal Research Associate thus Prof. Gideon Danso-Abbeam from CAPPS made a presentation on Agricultural Policy Interventions in 2024 National Budget. This event took place at Modern City Hotel, Tamale.
- 20<sup>th</sup> to 21<sup>st</sup> March, 2024: Prof. Franklin N. Mabe, Director of CAPPS a presentation on Intellectual Property and Commercialization of Genome Editing of Agric Innovations at Training on Intellectual Property Rights and Commercialization Aspects of Genome Editing Products organized by African Union Development Agency, NEPAD (AUDA-NEPAD) at Oak Plaza Hotel in Accra.
- 17<sup>th</sup> January, 2024: A Memorandum of Agreement between UDS and Agro-Practice (Limited Liability Company) in Ukraine was signed through the instrumentality of the Director of CAPPS. The MOA provided opportunity for students pursuing agriculture-related programme in the University to do one-year paid internship at Denmark. As at now, 4 students have been shortlisted for the programme. Out of these, one level 300 BSc. Agriculture Technology student called Martin Lokko is has received his visa from the Denish Embassy and will be traveling in to enable him travel.

#### **Proposals Submitted for funding**

- 29<sup>th</sup> September, 2024: Impact of AfCFTA Market for Non-Traditional Agriculture Exports on Firm Performance and Economic Growth: Policy Implications for Ghana, A proposal submitted to International Growth Centre (IGC) for Funding
- 27<sup>th</sup> September 2024: Endline Survey of Shea Business Empowerment Program Assessment, A proposal submitted to Global Shea Alliance.

- February, 2024: Mitigation of Climate-Induced Drought on Malnutrition: Role of Data-Driven Decision-Making and Policy Responses in Sub-Saharan Africa. A proposal submitted to Belmont for funding.
- February, 2024: Mitigation of Climate-Induced Drought on Malnutrition: Role of Data-Driven Decision-Making and Policy Responses in Sub-Saharan Africa. A proposal submitted to Belmont for funding.

## **WEST AFRICAN CENTRE OF WATER, IRRIGATION AND SUSTAINABLE AGRICULTURE (WACWISA)**

### **Introduction**

The West African Centre of Water, Irrigation and Sustainable Agriculture (WACWISA) was established in 2019 with approval from the University Council during its 88<sup>th</sup> regular meeting held on Thursday, March 28, 2019 as a semi-autonomous centre of excellence to undertake cutting-edge research and training in irrigation, drainage, water resources management, sustainable agriculture, climate change and food and nutrition security.

WACWISA has as its vision *“to be a leading world-class academic and research centre specialized in irrigation, water resources, sustainable agriculture and climate change”* and, a mission of *“developing skills and knowledge of young men and women to provide practical and sustainable solutions to challenges of water resources, irrigation, agricultural development and climate change in Africa”*.

With a tagline *“Building Capacities for Sustainable Solutions”*, WACWISA supports capacity building through short courses, Masters, PhD and Post-Doctoral programmes, as well as undertakes applied and advanced research and development of sustainable localized technologies in water resources, irrigation, climate change, sustainable agriculture and food and nutrition.

WACWISA training and research programmes are enhanced through established partnerships with research institutions and industry partners within Ghana, Africa and Globally. The training system emphasizes quality and capacity building for students and places premium on practical skills and solution to industry problems.

WACWISA is funded mainly by the Government of Ghana, World Bank, and the *Agence Française de Développement*, under the African Centres of Excellence for Development Impact (ACE Impact).

### **Collaborative and Funding Partners**

- European Union (EU)
- United Nations Industrial Development Organisation (UNIDO)
- Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
- Danish Ministry of Foreign Affairs (DFC – DANIDA)

- Norwegian Programme for Capacity Development in Higher Education and Research for Development (NORHED)
- International Development Association (IDA)
- International Fertilizer Development Centre (IFDC)
- Research Institute for Development or Institut de Recherche pour le Développement (IRD)
- Japan International Research Center for Agricultural Sciences (JIRCAS)
- Netherlands Universities Foundation for International Cooperation (NUFFIC)
- Mohammed VI Polytechnic University (UMP6), Kingdom of Morocco
- International Foundation for Science (IFS)

### Core Team Members

| Name             | Qualification                                                                                                 | Rank/Position                                                   |
|------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| Abagale, F. K.   | BSc (UDS, Tamale, Ghana), MSc., PhD (KNUST, Kumasi, Ghana)                                                    | Professor/Director                                              |
| Shaibu, A. G.    | BSc. (UDS, Tamale, Ghana), MSc., PhD (KNUST Kumasi, Ghana)                                                    | Assoc. Prof./Deputy Director                                    |
| Baatuuwie, B. N. | BSc. (UDS, Tamale Ghana) MSc. (KNUST/ITC, Kumasi, Ghana/Enshede, The Netherlands) PhD. (KNUST, Kumasi, Ghana) | Assoc. Prof./Academic Programmes Coordinator                    |
| Cobbina, S. J.   | BSc. (UCC, Cape Coast, Ghana), MPhil. (Ghana), PhD (JU, Jiangsu, China)                                       | Assoc. Prof./Industrial Liaison Coordinator                     |
| Ayambila, S. N.  | BSc. (UDS, Tamale, Ghana), MPhil, PhD (Ghana)                                                                 | Assoc. Prof./Applied Research & Grants Coordinator              |
| Akudugu, M. A.   | BSc. (UDS, Tamale, Ghana), MPhil. (Ghana), PhD (Reading, UK)                                                  | Assoc. Prof./M&E Coordinator                                    |
| Shaibu, M. H     | BCom (UCC, Cape Coast, Ghana), MBA, ICA (Ghana) PhD (UDS, Ghana)                                              | Finance Manager                                                 |
| Doke, D. A.      | BA. (UDS, Tamale, Ghana) MPhil. (Ghana), PhD (UAB, A1, USA)                                                   | Snr. Lecturer/Students Welfare and Safeguards Coordinator       |
| Adongo, T. A.    | BSc., MPhil (UDS, Tamale, Ghana) PhD (KNUST, Kumasi, Ghana)                                                   | Senior Lecturer/Innovations and Technology Transfer Coordinator |
| Osei, A. R.      | BSc., MPhil (UDS, Tamale, Ghana) PhD (2iE, Ouagadougou, Burkina Faso)                                         | Lecturer/Head of Laboratories                                   |
| Agbemabiese, Y.  | BSc., MPhil., PhD (UDS, Tamale Gh)                                                                            | Lecturer/Greenhouse Manager                                     |
| Safianu, M.      | BA. (UDS, Tamale, Gh), M.Sc. (Volda, Norway) MCIPS (UK)                                                       | Procurement Coordinator                                         |
| Iddrisu, M.      | BCom. (UCC, Cape Coast, Ghana), ICA (Ghana), CEMBA (KNUST, Kumasi, Ghana)                                     | Accounts Officer                                                |
| Alando, B.       | HND., BA., (UCC, Cape Coast, Ghana), MSc. (UDS, Tamale, Ghana) ChPA, CMC (Ghana)                              | Assistant Registrar and Administrative Coordinator              |
| Klu, A. T.       | BA., MPhil (UDS, Tamale, Ghana)                                                                               | Assistant Registrar and Communications Officer                  |
| Abubakari, A. H. | BSc (UDS, Tamale, Ghana), MSc. (London, UK), PhD (KNUST, Kumasi, Ghana)                                       | Assoc. Prof./Research Team Leader                               |
| Dzomeku, I. K.   | BSc., (Ghana), P. Grad. Dip. (Norway), MSc. (Amadu-Bello, Nigeria), PhD (Reading, UK)                         | Professor/Research Team Leader                                  |
| Kasei, R. A.     | BSc., MPhil. (Ghana), PhD (Bonn, Germany)                                                                     | Assoc. Prof./Research Team Leader                               |

|                                   |                                                                                                 |                                           |
|-----------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------|
| <i>Korese, J. K.</i>              | <i>BSc (UDS, Tamale, Gh), MSc, (Hohenheim, Germany), PhD (Kassel, Germany)</i>                  | <i>Assoc. Prof./Research Team Leader</i>  |
| <i>Kwoyiga, L.</i>                | <i>BSc. (UDS, Tamale, Ghana), MSc (Ås, Norway) MPhil (Oslo, Norway), PhD (Dresden, Germany)</i> | <i>Snr. Lecturer/Research Team Member</i> |
| <i>Mustapha, S.</i>               | <i>BSc. MPhil (UDS, Tamale, Ghana) PhD (Legon, Ghana)</i>                                       | <i>Snr. Lecturer/Research Team Member</i> |
| <i>Kranjac-Berisavljevic', G.</i> | <i>BSc. (Belgrade, Yugoslavia), MSc. (Bari, Italy), D. Litt (St. C1), PhD (Ghana)</i>           | <i>Adjunct Professor</i>                  |
| <i>Dittoh, J. S.</i>              | <i>BSc., MSc. PhD (Ibadan, Nigeria)</i>                                                         | <i>Adjunct Professor</i>                  |

### Training and Research Focus

- Water Resources Management
- Climate Change
- Irrigation and Drainage Systems
- Sustainable Agriculture
- Environmental Management and Sustainability
- Food and Nutrition Security

### 2023/2024 Activities

The following are some notable activities undertaken by WACWISA during the 2023/2024 academic year.

#### The 4<sup>th</sup> IRAD International Conference

The 4<sup>th</sup> biennial IRAD International Conference was held as a continuation of the successful 3<sup>rd</sup> conference in February 2022 at UDS, Ghana. The conference provided a platform for stakeholders to exchange ideas and knowledge on climate change, water resources management, food systems and one health, for the development of the agriculture sub-sector. Over a period of three days, practitioners, researchers, academics, policymakers, civil society, community/traditional leaders, farmers, agricultural extension agents, irrigation consultants, irrigation facility contractors, technical experts, and students came together to discuss sustainable solutions to issues related to climate change, water, food security, and health in Africa and beyond.

#### WACWISA-UDS Organises Female Youth Vegetable Crop Production Training

The West African Centre for Water, Irrigation and Sustainable Agriculture organized a three-day workshop training on Female Youth Vegetable Crop Production Training at the UDS, Nyankpala campus from the 11<sup>th</sup> to 13<sup>th</sup> June 2024. This training was targeted at only young females who have an interest in agriculture crop production. The curriculum of the training was mainly on Greenhouse production. This training sought to encourage females to get involved in agricultural activities, particularly Greenhouse crop production. The training attracted a total of thirty female participants from different parts of the Ghana.

#### Working Visit by DANIDA

One of the Centre partners, the DANIDA Fellowship Centre (DFC), paid a working visit to WACWISA under the Climate Change Resilience of Ecosystem Services (CRES) project. The delegation from

DANIDA had an interaction with staff and beneficiary Masters and PhD students under the CRES project. They also undertook field visits to appreciate the progress of work being done, and also, to offer technical assistance to their Ghanaian counterparts on the project.

### **Monitoring Visits by GTEC, AAU, and World Bank Specialists**

The Centre hosted several visits by separate delegations at different times from the Ghana Tertiary Education Commission (GTEC), the Association of Africa Universities (AAU), and the World Bank (WB) to monitor the progress of implementation, lend capacity-building support, as well as verify results from the project implementation. The visits also afforded WACWISA the opportunity to engage in in-depth discussions on project milestones and challenges, and other opportunities available.

### **Workshop on Hostile Environment Awareness Training (HEAT)**

Under the Climate Change Resilience of Ecosystem Services (CRES) project, WACWISA organized a four-day workshop on Hostile Environment Awareness Training. The training covered topics in the following areas: Team building; Risk and vulnerability assessment; Health and hygiene; Standard security precautions; Kidnapping and conduct after capture; Fieldwork and security awareness; Advanced first aid and health management; Psychosocial welfare and stress management, Conflict management, Explosives management, and Fire management and evacuation emergency.

The HEAT training was attended by staff and students of the University, including, Deans, Directors, Lecturers, Administrators, Security Officers, Works and Physical Development/Estate staff, as well as undergraduate and graduate students.

### **Workshops on University-Industry Collaborations, and Prospects of Entrepreneurship as a Graduate Taught Course.**

WACWISA, in collaboration with the UDS Intellectual Property Office (IPO), successfully organized two separate training workshops on Wednesday, 23<sup>rd</sup> October 2024, for the deans and directors of UDS and Thursday, 24<sup>th</sup> October 2024, for graduate students of UDS. The workshop for the Deans and Directors was on the theme “Understanding Intellectual Property as a Strategy for University and Industry Collaborations.” This is part of ongoing efforts by WACWISA, through the office of the Vice Chancellor, to promote research commercialization and create stronger links between academia and industry. The workshop, therefore, focused on building the capacity of UDS deans and directors to harness the intellectual property assets of their various faculties to drive meaningful partnerships with industries, thus supporting the sustainable development goals and contributing to the growth and development of UDS.

The workshop for the graduate students focused on the prospects of entrepreneurship as a taught course in the graduate curriculum. The session aimed to inspire students to explore entrepreneurship and innovation, positioning them to take advantage of emerging opportunities and contribute to economic development. Both workshops reflect UDS's commitment to fostering innovation, entrepreneurship, and collaboration with industry, reinforcing its role as a driver of socio-economic transformation in Ghana and beyond.

**Projects Under WACWISA**

| Projects                                                                                                                                                             | Funders                                                                   | Start Date     | End Date        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------|-----------------|
| Climate Change Resilience of Ecosystem Services (CRES)                                                                                                               | Ministry of Foreign Affairs, Denmark                                      | April, 2021    | March, 2026     |
| Agroecological Solutions for Resilient Farming in West Africa (CIRAWA)                                                                                               | European Research Executive Agency (REA) (EU Commission)                  | January, 2023  | June, 2027      |
| Climate Resilience Across the Rural-Urban Continuum (RURBANCLIMATE)                                                                                                  | Ministry of Foreign Affairs, Denmark                                      | October, 2021  | September, 2026 |
| Transformative Environmental Monitoring to Boost Observations in Africa (TEMBO Africa)                                                                               | Horizon Europe                                                            | February, 2023 | January, 2027   |
| Water ESSENCE Africa - creating synergy to meet the global challenges                                                                                                | Norwegian directorate for development cooperation (Norad) <u>NORHEDII</u> | January, 2021  | December, 2027  |
| Accelerating Impact of CGIAR Climate Research for Africa (AICCRA)                                                                                                    | International Development Association (IDA) of the World Bank             | January, 2021  | December, 2024  |
| Fertilizer Research and Responsible Implementation (FERARI) Project for Sandwich PhD                                                                                 | Mohamed VI Polytechnic University (UM6P), Kingdom of Morocco              | February, 2021 | December, 2025  |
| Africa upland farming system project: Diversifying Farmers Cropping Options                                                                                          | Japan Int. Research Center for Agric. Studies (JIRCAS)                    | March, 2021    | March, 2025     |
| Safeguarding African Foodsheds and Ecosystems for all Actors across Local, regional and international Levels to manage Migration (SAFE 4 ALL)                        | European Commission (EC).                                                 | February, 2023 | January, 2027   |
| International, Interdisciplinary, and Intersectoral Initiative to tackle the major challenges of the Climate Information Services (CIS) development. (CLEAR CLIMATE) | European Commission (EC). EU Horizon                                      | November 2023  | November 2027   |
| Community container gardening and water banks for dietary diversity and food security among smallholder farmers in rural northern Ghana                              | International Foundation for Science (IFS),                               | December, 2022 | December, 2024  |

### Publications

- Fida, T. G., **Baatuuwie, N. B.** and Issifu, H. **2024.** *Land Use/Cover Changes During 1992–2022 in the Yayo Coffee Forest Biosphere Reserve, Southwestern Ethiopia* Rangeland Ecology & Management. <https://doi.org/10.1016/j.rama.2024.04.004>
- Fida, T. G., **Baatuuwie, N. B.** and Issifu, H. **2024.** *Potential impact of future land use/cover dynamics on the habitat quality of the Yayo Coffee Forest Biosphere Reserve, southwestern Ethiopia.* Geocarto International <https://doi.org/10.1080/10106049.2023.2278327>

- Namwinbown, T., Imoro, A. Z., Weobong, A. C., Tom-Dery, D., **Baatuuwie, N. B.**, Aikins, K. T., Poreku, G. and Lawer, A. E. **2024**. *Patterns of green space change and fragmentation in a rapidly expanding city of northern Ghana, West Africa*. City and Environment Interaction. <https://doi.org/10.1016/j.cacint.2023.100136>
- Yonouwinhi, J. T.; Assiom d'Almeida, F. A. G.; **Abagale, F. K.**; Akowanou, O. V. A. **2024**. *Assessment of the Recent Hydromorphological Features of Nokoue Lake and Its Channels (South-East Benin)*. Open Journal of Modern Hydrology DOI: 10.4236/ojmh.2024.141003.
- Amenyeku, G.; Samuel Jerry Cobbina, J. S.; Asare, W.; Teye, K. G. **2024**. *Hydrothermal carbonization of organic waste using faecal sludge as a water source: Response surface methodology-Box Behnken design*. Environmental Challenges <https://doi.org/10.1016/j.envc.2024.100900>
- Tahiru, A.; **Cobbina, J. S.**; Asare, W.; & Takal, U. S.. **2024**. *Unlocking Energy from Waste: A Comprehensive Analysis of Municipal Solid Waste Recovery Potential in Ghana*. World. <https://doi.org/10.3390/world5020011>
- Damba, T. O.**; Ageyo, O. C.; Kizito, F.; Mponela, P.; Yeboah, S.; Clotey, A. V.; Oppong-Mensah, B. A.; Bayala, J.; Adomaa, O. F.; Dalaa, A. M.; Martey, F.; Huyer, S.; Zougmore, R.; Tepa-Yotto, G.; Tam'oConstructing, M. **2024**. *A Climate-Smart readiness index for smallholder farmers: The case of prioritized bundles of climate information services and climate smart agriculture in Ghana*. Climate Services. <https://doi.org/10.1016/j.cliser.2024.100453>
- Nti, K. E., **Kranjac-Berisavljevic, G.**; **Doke, A. D.** **2024**. *Assessing the impact of artisanal gold mining on the environmental sustainability of groundwater resource for water security in southwestern Ghana*. 2024. Environmental Challenges. <https://doi.org/10.1016/j.envc.2023.100804>
- Mwanga, W., E.; Shaibu, G.; and Issaka, Z. **2024**. *Influence of long-term land use and land cover (LULC) changes on soil loss, sediment export, and deposition in the ungauged Bontanga watershed*. 2024. H2Open Journal. doi: 10.2166/h2oj.2024.088
- Mwanga, E.; **Shaibu, G.**, & Issaka, Z. **2024**. *Assessing the impact of land use and land cover (LULC) changes on the surface runoff downstream of an ungauged Bontanga watershed in Northern Ghana*. Water Practice & Technology. doi: 10.2166/wpt.2024.061
- Sarku, R., **Kranjac-Berisavljevic, G.**, Tröger. **2024**. *Just transformations in climate information services provision: perspectives of farmers in southern Ghana*. Climate and Development <https://doi.org/10.1080/17565529.2024.2353101>
- Issaka, Y. B., Donkoh, S. A., **Kranjac-Berisavljevic, G.** **2024**. *Psycho-social factors influencing the adoption of sustainable intensification practices by smallholder rice farmers in Northern Ghana*. Cogent Food & Agriculture. <https://doi.org/10.1080/23311932.2024.2345434>
- Nti, E.K., **Kranjac-Berisavljevic, G.**, **Doke, D. A.** **2024**. *Assessing the impact of artisanal gold mining on the environmental sustainability of groundwater resource for water security in southwestern Ghana*. Environmental Challenges. <https://doi.org/10.1016/j.envc.2023.100804>
- Akudugu, M.A.** and **Abagale, F.K.** **2024**. *Ethics Education in Science, Technology, Engineering and Mathematics (STEM) in Africa: A Reflection on the Successes, Failures and the Way Forward in the Era of a Global Pandemic*. In: Hildt, E., Laas, K., Brey, E.M., Miller, C.Z. (eds) Building Inclusive Ethical Cultures in STEM. The International Library of Ethics, Law and Technology, Vol 42. Springer, Cham. [https://doi.org/10.1007/978-3-031-51560-6\\_7](https://doi.org/10.1007/978-3-031-51560-6_7)
- Cangola, J., **Abagale, F. K.** and **Cobbina, S. J.** **2024**. *A Systematic Review of Pharmaceutical and Personal Care Products as Emerging Contaminants in Waters: The Panorama of West Africa*. Science of The Total Environment <https://doi.org/10.1016/j.scitotenv.2023.168633>

- Adongo, T. A. and Abagale, F. K. 2024.** *Estimation of water inflows to reservoirs of irrigation dams in the Guinea Savannah ecological zone of Ghana.* *Water Practice & Technology* <https://doi.org/10.2166/wpt.2024.086>
- Cangola, J., Abagale, F. K., Cobbina, S. J. and Osei, R. A. 2024.** *Prevalence of Antibiotic-Resistant Enterobacteriaceae in Domestic Wastewater and Associated Health Risks in Reuse Practices.* *International Journal of Hygiene and Environmental Health.* 263(2025):114478. <https://doi.org/10.1016/j.ijheh.2024.114478>.
- Adombilla, R., Abubakari, A. H. and Abagale, F. K. 2024.** *Effect of drip irrigation regime and mulching on growth and yield parameters of tomato (Solanum lycopersicum L.) varieties.* *Tropical Agriculture* <https://doi.org/10.37234/>
- Umukiza, E., Abagale, F.K., Apusiga Adongo, T. and Petroselli, A. 2024.** *Suitability Assessment and Optimization of Small Dams and Reservoirs in Northern Ghana.* *Hydrology* 2024:11(10),166. <https://doi.org/10.3390/hydrology11100166>
- Umukiza, E., Abagale, F. K. and Adongo, T. A. 2024.** *Characterization of landuse and landcover dynamics and their impact on runoff generation patterns in dam catchments of Northern Ghana.* *Geocarto International.* <https://doi.org/10.1080/10106049.2024.2335247>
- Yonouwinhi, T.J.-B., d'Almeida, G.A.F.A., Abagale, F.K. and Akowanou, A.V.O. 2024.** *Assessment of the Recent Hydromorphological Features of Nokoue Lake and Its Channels (South-East Benin)* *Open Journal of Modern Hydrology.* <https://doi.org/10.4236/ojmh.2024.141003>
- Dandi, S. O., Abarike, E. D., Abobi, S. M., Doke, D. A., Lyche, J. L., Addo, S., ... & Cudjoe, K. S. 2024.** *Knowledge, Attitudes, and Practices of Antibiotic Use among Small-, Medium-, and Large-Scale Fish Farmers of the Stratum II of the Volta Lake of Ghana.* *Antibiotics* <https://doi.org/10.3390/antibiotics13070582>
- Arfasa, G. F., Owusu-Sekyere, E., & Doke, D. A. 2024.** *Spatio-Temporal Analysis of Land Use/Land Cover Change and the Implications on Sustainable Development Goals in the Veia Catchment of Ghana.* *Rangeland Ecology & Management.* <https://doi.org/10.1016/j.rama.2024.02.005>
- Ayisha, M., Nkoom, M., & Doke, D. A. 2024.** *Classifying arsenic-contaminated waters in Tarkwa: a machine learning approach.* *Sustainable Water Resources Management.* <https://doi.org/10.1007/s40899-024-01042-1>
- Arfasa, G. F., Owusu-Sekyere, E., & Doke, D. A. 2024.** *Climate Change Projections and Impacts on Future Temperature, Precipitation, and Stream flow in the Veia Catchment, Ghana.* *Environmental Challenges.* <https://doi.org/10.1016/j.envc.2023.100813>
- Yeboah, L. B., Abdulai, A., Agyei, F. K., & Doke, D. A. 2024.** *How farmer-herder conflicts reconfigure the authority of politico-legal institutions in Ghana.* *The Journal of Peasant Studies* <https://doi.org/10.1080/03066150.2024.2349235>
- Yeboah, L. B., Hansen, C. P., Abubakari, A., & Doke, D. A. 2024.** *Moving Beyond the Threshold: The Escalation of Farmer-Herder Conflicts in Akim North Municipality of Ghana.* *African Conflict & Peacebuilding Review.* DOI:10.2979/acp.00001
- Gemechu, F. A., Owusu Sekyere, E. & Doke, D. A. 2024.** *Temperature and precipitation trend analysis using the CMIP6 model in the Upper East region of Ghana.* *All Earth.* <https://doi.org/10.1080/27669645.2023.2290966>
- Ayambire, C. A., Adongo, T. A., & Appah, S. 2024.** *Soil Forces Prediction on Animal Traction Operation in Bongo District of the Upper East Region of Ghana.* *International Journal of Environment and Climate Change.* <https://doi.org/10.9734/ijecc/2024/v14i74305>

- Ayertey, A. K., **Adongo, T. A.**, & Dogbey, R. K. **2024**. Physicochemical Characteristics of Water in the Bontanga Irrigation Dam in the Guinea Savannah Agro-Ecological Zone of Ghana. *International Journal of Environment and Climate Change*. <https://doi.org/10.9734/ijecc/2024/v14i54178>
- Yagle, R. N., **Adongo, T. A.**, & Agana, T. A. **2024**. *Effect of Fertigation and Organic Manure on Growth and Yield of Maize (Zea mays) in the Northern Region of Ghana*. *International Journal of Environment and Climate Change*. <https://doi.org/10.9734/IJECC/2024/v14i44164>
- Sibale, D., **Adongo, T. A.**, Umkiza, E., Ntole, R., Chikavumbwa, S., Bwambale, E., & Jeremaiho, Z. *Review of hydraulic performance of open-channel flow-measuring flumes*. *Acta hydrotechnical*. <https://doi.org/10.15292/acta.hydro.2023.03>
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## WEST AFRICAN CENTER FOR SHEA INNOVATION AND RESEARCH (WACSIR)

### Introduction

West African Center for Shea Innovation and Research (WACSIR) is a center of excellence in the University for Development Studies (UDS), Tamale, Ghana. It was established in late 2022 with a mandate to provide a leading role in shea research and innovation within the University, Ghana, West Africa and the African continent. This is premised on the incredible potentials that shea promises for the West African sub region, especially to women and the youth.

The objectives of WACSIR are to conduct evidence-based shea innovation and policy improvement research, improve the human resource capacity of institutions in shea innovation and value chain research within and outside the University, facilitate and coordinate support for research funding, management of the implementation and execution of grants in the area of shea innovation and value chain research as well as create a network and platform for broader interactions among agricultural researchers, policymakers, and all other relevant actors in shea industry.

### Mission

The Centre's mission is to promote and support sustainable innovations in the shea sector through evidence-based research and policy advocacy in order to improve the livelihoods of stakeholders.

WACSIR UDS is a hub for multidisciplinary research, innovation and knowledge with a diverse group of faculty experts from various fields in shea.

### Staff

| Name                    | Qualification                                                                            | Rank/Position                |
|-------------------------|------------------------------------------------------------------------------------------|------------------------------|
| Abukari Alhassan        | B.Sc., M.Sc., (UCC, Cape Coast, Ghana), Ph.D. (UDS, Navorongu, Ghana)                    | Associate Professor/Director |
| Alhassan Issah Suhiyini | BA. (UDS, Tamale, Ghana), Mphil (UG, Accra, Ghana) .Ph.D (Univ. of Copenhagen, Denmark,) | Research Associate           |
| Ms. Bariyatu Iddrisu    | B.A, (UDS, Wa, Ghana), MPhil (UDS, Tamale, Ghana)                                        | Assistant Lecturer           |
| Mr. Abraham Zakaria     | B.Sc., (UDS, Nyankpala, Ghana), MPhil (UDS, Nyankpala, Ghana)                            | Assistant Lecturer           |
| Ms. Rahinatu Zakaria    | HND, (TaTU, Ghana), BBA, (Winneba, Ghana)                                                | Administrative Assistant     |

### Publications

#### Abukari Alhassan

- Adombor, E., Engman, G., M. & **Alhassan, A.** (2024.) Effects of COVID-19 on Living Standards of Households in the North East Region of Ghana: A Linear Mixed Effects Model Approach. *Journal of Social and Economic Statistics*. 13(1), 13-28.
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#### *Abraham Zakaria*

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#### **Grant**

WACSIR-UDS in collaboration with Kings College London and the Global Shea Alliance have launched an Innovative Partnership to Develop an Innovative Shea Parkland Carbon and Biodiversity Credit, Accreditation, Monitoring and Management Platform to support smallholder farmers in Ghana. The project is a grant from Innovate UK on African Agricultural Knowledge Transfer Partnership (AAKTP). WACSIR UDS has hired a graduate Research Associate on the project for two years to lead the implementation of the model. **Grant Sum: £ 98,825.00**