



**UNIVERSITY FOR  
DEVELOPMENT STUDIES**



**VICE-CHANCELLOR'S  
REPORT**

November, 2017

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## FOREWORD

The year under review commemorates twenty-five (25) years of impacting on national development through practical quality higher education.

This report represents a synopsis of key milestones chalked and events and activities undertaken during the 2016/2017 Academic year.

University Management is resolute in its drive to enhance the quality of teaching, learning and research through the implementation of innovative programmes and strategic partnerships.

The University held a Matriculation in October 2016 and a Congregation in November 2016 to admit and graduate deserving students respectively.

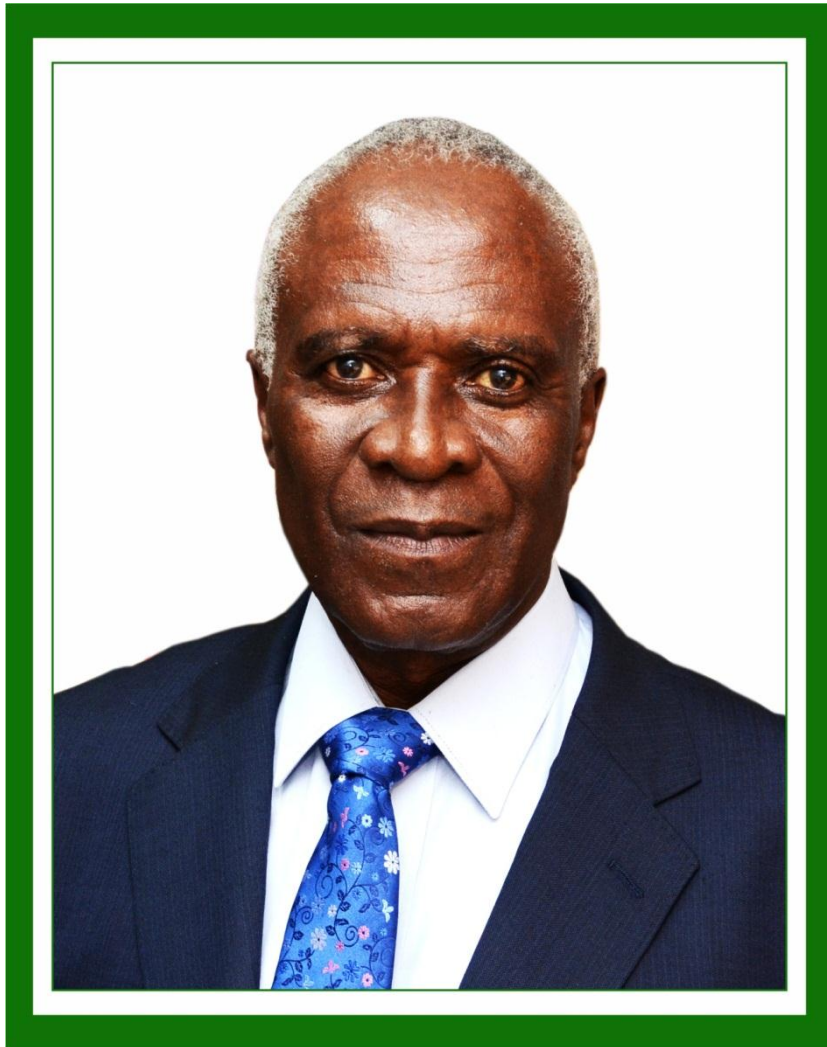
Our flagship international programme on continental governance-Africa Leadership Lectures (ALL) was held in April 2017. The main speaker was H. E. Benjamin William Mkapa, former President of the Republic of Tanzania. This spectacular event was climaxed with a Special Congregation, during which an honorary doctorate degree was conferred on H. E. Mkapa.

Prof. David Millar, former Pro-Vice-Chancellor, delivered an Inaugural Lecture in July 2017. It is worth noting that teaching, research and staff development received a further boost through collaborations with world class research institutions such as the Florida Agriculture and Mechanical University (FAMU), USA, Friedrich Alexander University, Germany and the International Child Resource Institute (ICRI), USA.

The University for Development Studies owes our numerous partners and stakeholders a great debt of gratitude for their invaluable contributions towards our forward march in delivering quality practical higher education.

Prof. G. A. Teye  
(Vice- Chancellor)

## PRINCIPAL OFFICERS



**MR. NUTIFafa KUENYEHIA**  
Chairman, UDS Council



**PROF. GABRIEL A. TEYE**  
Vice-Chancellor





**PROF. SEIDU AL-HASSAN**  
Pro-Vice-Chancellor



**DR. A. B. T. ZAKARIAH**  
Registrar

## MEMBERS OF THE UDS GOVERNING COUNCIL

### Chancellor

Vacant

### Chairman of Governing Council

Mr. Nutifafa Kuenyehia  
LLB (Hons.), BL (Ghana), MCI Arb

### Vice-Chancellor

Prof. Gabriel A. Teye  
B.Sc., M.Sc. (Kumasi), Ph.D. (Bristol)

### Government Nominees

Mrs. Joyce Agyeman Attafuah  
B.A., Dip. Edu. (Cape Coast), BL  
(Ghana),

Prof. Ismail Bin Yahaya  
B.Sc., M.Ed., Ph.D. (USA)

Dr. Francis Boateng Agyenim  
B.Sc. (Kumasi) M.Sc. (Germany), Ph.D.  
(Ulster),

### NCTE Representative

Dr. Kareem Mumuni  
Cert. FRMRS, Cert. GYNONC  
(Germany) B.Sc., MBchB (Kumasi) MPH  
(Ghana), FWACS, FGCS. (Ghana)

### Convocation Representatives

#### Professorial

Prof. Sowley, E.N.K  
B.Sc. Dip.Edu. (Cape Coast)  
M.Phil. (Ghana), Ph.D. (Reading)

### Non-Professorial

Dr. Abizari, A-R  
B.Sc. (Tamale), M.Sc., Ph.D.  
(Wageningen)

### UTAG Representative

Dr. Addah Weseh  
B.Sc. Agriculture Technology (Tamale),  
M.Sc. Animal Science (Kumasi), Ph.D.  
Animal Science (Alberta)

### CHASS Representative

Mr. Suaib Wilberforce Adam  
B.A., Dip. Edu, M.Ed. (Cape Coast)

### TEWU Representative

Sulemana A. Rahman  
MVT Part 1 (Accra)

### Alumni Representative

Ing. Dr. Felix Kofi Abagale  
B. Sc. (Tamale), M.Sc., Ph.D. (Kumasi)  
MGhIE,

### GRASAG Representative

Mahama Alhassan  
B.Ed., (Tamale)

### SRC Representative

Mr. Ebenezer Nketia Amoah

## **In attendance**

### **Pro-Vice-Chancellor**

Prof. Seidu Al-hassan  
B.A., Dip.Edu. (Cape Coast),  
M.Phil., Ph.D. (Ghana).

### **Registrar/Secretary**

Dr. A.B.T. Zakariah  
B.A., Dip.Edu, (Cape Coast), Grad.  
Dip, (Ghana) M. Sc. (Uni.Putra)  
Ph.D (Leicester)

### **Director of Finance**

Mr.Mohammed Hardi Shaibu  
B.Com.MBA, ICA (Ghana)

### **Director, Works and Physical Development**

Ing. Samuel B. Abiko  
B. Eng, M.Sc, MBA (London)  
MCIBSE, MIET, MGhIEC Eng.

### **Deputy Registrar/Recorder**

Mr.George Debie  
Dip Journ & Comm. (Ghana), B.A.  
(Ghana) Grad. Cert. Mktg (CIM, UK)

## CONTACT INFORMATION

### **The Registrar**

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### **Vice-Chancellor's Office**

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### **Pro-Vice-Chancellor's Office**

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### **Registrar's Office**

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Telephone: +44(0)2072787413

## OFFICE OF THE VICE-CHANCELLOR

### Staff

Name	Qualification	Rank/Position
<i>Teye, G. A.</i>	<i>B.Sc., M.Sc. (Kumasi), Ph.D. (Bristol)</i>	<i>Prof. /Vice-Chancellor</i>
<i>Al-hassan, S.</i>	<i>B.A. (Cape Coast), Dip. Ed. (Cape Coast), M.phil, Ph.D (Ghana)</i>	<i>Assoc. Prof./Pro-Vice-Chancellor</i>
<i>Buame, A. J.</i>	<i>B.A. (Tamale), M.B.A (Kumasi), IHRMP (Ghana)</i>	<i>Asst. Registrar</i>
<i>Yakubu, R.</i>	<i>HND (Cape Coast), M.A. (Bradford)</i>	<i>Asst. Registrar</i>

### Activities, Meetings and Interactions

- i) October, 2016: Matriculation of 2016/2017 academic year fresh students.*
- ii) November, 2016: Opened the Seminar on the Role of Tertiary Institutions in Localizing and Achieving the Sustainable Development Goals (SGDG).*
- iii) November, 2016: Special Congregation and induction of MBChB (Medicine) Graduands by the Medical and Dental Council, Ghana.*
- iv) December, 2016: 17<sup>th</sup> Congregation of students from the Wa, Tamale and Navrongo Campuses.*
- v) January, 2017: Visits to the Campuses to assess the state of affairs on projects and general management issues.*
- vi) February, 2017: Addressed the third UDS Alumni Association National Delegates Congress in Wa. The Congress was on the theme “From Multi-Campus UDS to Autonomous Universities: The Way Forward.”*
- vii) February, 2017: Investment Drive meetings with Savannah Accelerated Development Authority (SADA) on Infrastructural Development for UDS.*
- viii) February, 2017: Received the Head of the Political Section of the European Union in Ghana. The Union requested for partnership with UDS with the hope of offering students the opportunity to access the Erasmus Scholarship and internship programmes.*
- ix) February, 2017: Received Representative of the Korean International Cooperation Agency (KOICA). Discussions centered on the Capacity Development of Farmer Based Organizations/Cooperatives projects in Northern Ghana to run in the three (3) Northern Regions.*
- x) March, 2017: Held discussions with a Representative of Pennsylvania State University, USA on the formation of a Research Consortium and opportunities for UDS to access the Fulbright Scholarship.*

- xi) March, 2017:* Met with Copy Ghana and reached an agreement for UDS to be insulated from any legal consequences resulting from the use of any authored work for academic purposes.
- xii) April, 2017:* Received a delegation from Cal Bank Ghana. The delegation from the bank was led by the Managing Director. The Bank offered ten (10) scholarship opportunities for students of the UDS.
- xiii) April, 2017:* 5<sup>th</sup> Edition of the African Leadership Lectures (2017) witnessed a three-day Lecture delivered by the former President of the United Republic of Tanzania, His-Excellency Benjamin William Mkapa. The lecture was climaxed by a special congregation for post-graduate students and the conferment of an Honorary Doctorate Degree on H.E. Benjamin W. Mkapa.
- xiv) May, 2017:* Orientation for level 100 students on the Third Trimester Field Practical Programme (TTFPP) at the Wa Campus.
- xv) June, 2017:* The Vice-Chancellor met Convocation in Tamale, Navrongo and Wa Campuses.
- xvi) June, 2017:* Welcomed the Vice-President of the University of Ouagadougou. The meeting was aimed at strengthening cooperation on teaching research and students exchange programmes between the two universities.
- xvii) June, 2017:* Received the Deputy Australian High Commissioner to Ghana. Discussions centered on the High Commission offer of scholarship opportunities to staff of UDS who have worked for over ten years to pursue Masters' Degree programmes, and short courses in Australian universities.
- xviii) July, 2017:* Welcomed the Managing Director of SG. SSB Ghana. The meeting discussed mutual collaborations between the bank and UDS.
- xix) July, 2017:* Held discussions with Barclays Bank Ghana led by the Community Relations Manager. The Bank granted UDS 15 fully paid scholarships awards for students from level 200 and above.
- xx) July, 2017:* Received Prof. David Morton from the University of Utah, USA. The meeting discussed mobilizing support for the Anatomy Department of the School Medicine and Health Sciences of UDS.
- xxi) July, 2017:* Delivered a speech at the opening and closing of the UDS WASH short course programme in partnership with World Vision Ghana.

## Leadership Conferences/Seminars

- i. *September, 2016*: The 8<sup>th</sup> International conference and workshop on Quality Assurance in Higher Education in Africa, Windhoek, Namibia.
- ii. *March, 2017*: The 3<sup>rd</sup> Global Summit of Research Institutes for Disaster Risk Reduction. (GADRI) Kyoto University, Kyoto, Japan.
- iii. *April, 2017*: The official launch of a partnership to promote West African Studies at the Great Hall of the University of Ghana. Participating institutions include the UEST of China, UDS, UEW, UCC, UG and GIMPA.
- iv. *May/June, 2017*: USAID WA-WASH learning event held in Ouagadougou, Burkina Faso.
- v. *June, 2017*: Association of African Universities (AAU) 14th General Conference & Golden Jubilee Celebration held in Accra, Ghana.
- vi. *July, 2017*: SDGC/A conference on Mobilizing African Intellectuals towards Quality Tertiary Education, Kigali, Rwanda.
- vii. *August, 2017*: Inaugural Symposium of the African Forum for Research and Education in Health (AFREhealth), Accra, Ghana.

## Major Decisions

- i) *August, 2016*: Launched the Kazuhiko Takeuchi Centre for Sustainability and Resilience in *Nyankpala*.
- ii) *September, 2016*: Instituted the annual awards for best staff in various categories in the University to be awarded at every congregation. The maiden awards were therefore presented to the awardees at the 2016 congregation.
- iii) *September, 2016*: Established an annual open forum on the state of the University with the Junior and Senior staff (FUSSAG and TEWU) on the Campuses.
- iv) *October, 2016*: Introduced the decision of 'No Helmet No Entry' by motorbike riders to the University's Campuses. The policy also included the use of UDS stickers on staff vehicles, taxis and commercial buses that ply the Campuses roads.
- v) *October, 2016*: Established with support from the French Government a new French Research and Language Centre under the Institute for



Interdisciplinary Research and Consultancy Services (IIRaCS) at the Tamale Campus.

- vi) January, 2017:* Commissioned a UDS Plagiarism Policy to guide and protect academic work, and to promote high quality of teaching and learning for staff and students.
- vii) January, 2017:* Established an E-Library facility for the Schools of Medicine and Health Sciences, and Allied Health Sciences at the premises of the Tamale Teaching Hospital.

### **Memorandum of Understanding (M.O.U)**

- i) Sept. 2016:* UDS School of Engineering and Avnash Industries Ghana Limited (AIGL). The agreement aims at providing technical expertise, and conducting joint research as well as supporting internship for the practical training of students.
- ii) January, 2017:* UDS and Tamale Teaching Hospital (TTH). The terms of the collaboration are to engage in teaching, research, training of students at clinical levels, engagement of staff in clinical training and the provision of services.
- iii) January, 2017:* UDS and Taiyuan University of Technology – China for the purpose of conducting joint research between Faculties and staff, exchange of staff and students and establishing a Chinese learning Center in UDS.
- iv) January, 2017:* UDS and MAZA Social Enterprise to conduct impact assessment research of the activities of MAZA on the health and socioeconomic status of their operational areas.
- v) March, 2017:* UDS and Ainoo-Ansah Farms. The M.O.U is to collaborate on research, provide resources and services, and also open internship opportunities to students.
- vi) March, 2017:* UDS Hospital in Wa and Rotary Club in Wa, and Rocky Mount Rotary Club, Virginia, USA. The understanding is to resource the UDS Wa
- vii) Campus Hospital with the needed medical equipment to provide excellent medical care.*
- viii) March, 2017:* UDS and Friedrich-Alexander Universität Erlangen-Nurnberg (FAU). The M.O.U is aimed at promoting research and teaching with emphasizes on Economics and Development Economics. It further seeks to

- provide scholarship opportunities, and to encourage student exchange at undergraduate,
- ix) Post-graduate and doctoral research. It also includes exchange between teaching staff.
  - x) *March, 2017:* Université Ouaga I PR Joseph Ki-Zerbo, Burkina Faso. The agreement is to promote research, exchange of teaching and administrative staff, and students.
  - xi) *March, 2017:* Department of Pediatrics and Child Health and Clinical Microbiology, SMHS-UDS and Department of Pediatric, Ankara University. The agreement comprises the renewal of an existing M.O.U between the two institutions on the determination of Coinfections in Children with Acute Gastroenteritis (AGE) presenting to a rural teaching hospital (CICAGE).
  - xii) *March, 2017:* Department of Biochemistry and Molecular Medicine (UDS), and the West African Centre for Cell Biology of Infectious Pathogens (University of Ghana, Legon). The collaboration involves training and research.
  - xiii) *April, 2017:* UDS and World Food Preservation<sup>®</sup> LLC, Shepherdstown, USA. The agreement seeks to establish a World Food Preservation Center<sup>®</sup> at UDS, and to provide a world-class education (Masters and Ph.D.) to students/scientists. It further hopes to carry out research on modern technologies for food preservation.
  - xiv) *April, 2017:* UDS and Gujarat Forensic Sciences University (GFSU) agreed to establish academic cooperation, and to set up specialized Institute of Forensic Sciences laboratories. The agreement also includes the training of students at the Masters levels in GFSU.
  - xv) *April, 2017:* UDS and the University of Reading, United Kingdom, Tufts University, Boston, MA, USA and the National Institute of Rural Development and Panchayati Raj (NIRDPR), India have signed a cooperative agreement for the mutual benefits of staff, and students in the area research.
  - xvi) *April, 2017:* UDS signed an agreement with the University of Electronic Science and Technology of China (UESTC) together with four (4) other Ghanaian Universities to support their West Africa Centre. The objective is to jointly train staff and students to conduct research and promote publications as well as exchange in cultural programmes.

- xvii)* *April, 2017:* UDS and Jaksally, a Non-governmental organization operating in the Northern, Upper West, and Brong-Ahafo regions. The purpose of collaboration is to facilitate the training, mentoring and coaching of students and to also avail to students' internship opportunities.
- xviii)* *May, 2017:* UDS (Faculty of Education) and International Child Resource Institute (ICRI), USA. The agreement seeks to establish mutually beneficial educational cooperation through exchange programmes for staff. The M.O.U further aims at promoting joint research, and establishing and teaching post graduate level programmes in Early Childhood Education.
- xix)* *May, 2017:* UDS and World University Services of Canada (WUSC), Canada. The agreement is to promote the research work of graduate, and post-graduate students and to enhance exchange of teaching and research personnel.
- xx)* *May, 2017:* UDS and Institute of Business Management (IoBM), Karachi, Pakistan. The agreement seeks to promote joint applied research and publications. It hopes to encourage students, Faculty and Management staff for Academic and Administrative programmes.
- xxi)* *June, 2017:* UDS and the University of Electronic Science and Technology of China (UESTC), China to cooperate on graduate and post-graduate research work of students and exchange of teaching and research personnel.
- xxii)* *June, 2017:* UDS and the International Institute for Water and Environmental Engineering (2iE Foundation). The agreement seeks to promote research and exchange of staff, and students at the Bachelor, Master and Ph.D. Levels.
- xxiii)* *July, 2017:* UDS and the Center for Development Research (ZEF) of the University of Bonn. The M.O.U seeks to establish and run the West African Programme for Sustainable Development Management. It is also aimed at promoting joint research proposals to enhance sustainable development.
- xxiv)* *July, 2017:* UDS and North Carolina Agricultural and Technical State University Greensboro, North Carolina USA. The agreement is to promote collaboration in research to enhance quality higher education and to also cooperate in areas of mutual interest in learning through Faculty exchange programmes.
- xxv)* *July, 2017:* UDS and CARE International agreed to cooperate in the exchange of information on research, teaching and learning particularly in

- the areas of climate change, sustainable development, food security, natural resource governance and sustainable environment.
- xxvi)* The Pro- Vice Chancellor for the period under review carried out the following activities.
  - xxvii)* March, 2017 : Handing over of CECAR Africa project “RESOURCES” to the Kazuhiko Takeuchi Centre for Sustainability and Resilience (KTCSR), University for Development Studies (UDS)
  - xxviii)* July, 2017: Pro- Vice Chancellor visits the School of Medicine and Health Sciences to deliberate on issues concerning the School.
  - xxix)* July, 2017: Visit to School of Allied Health Science to see how they occupy their new building and how teaching and learning was.
  - xxx)* July, 2017: Visited Institute of Interdisciplinary Research and Consultancy Services (IIRaCS) and the Faculty of Education on official visit
  - xxxi)* July, 2017: Meeting with JACKSALLY and other Faculties in UDS on the basis of signing a whole University MoU.
  - xxxii)* The Pro-Vice Chancellor led different delegations to undertake matriculations and graduations ceremonies with the affiliate institutions on behalf of the University.
  - xxxiii)* December, 2016 : Graduation ceremony at Newlife College, Tamale
  - xxxiv)* December, 2016: Matriculation ceremony at Royal Ann College of Health, Atwima Manhyia
  - xxxv)* March, 2016: Matriculation ceremony at Ghana Christian University College, Amrachia, Accra
  - xxxvi)* March, 2017 : Matriculation ceremony of Regentropfen College, Applied Sciences (RECAS), Kansoe, Bongo
  - xxxvii)* May, 2017: Matriculation ceremony at Neumann College, Atwima Takyiman
  - xxxviii)* June, 2017: Graduation ceremony at DHI College, Kumasi

## OFFICE OF THE REGISTRAR

The Office of the Registrar comprises the Registrar's secretariat, the Main Registry and the Postal Unit.

**Staff:**

<b>Name</b>	<b>Qualification</b>	<b>Rank/Position</b>
<i>Zakariah, A.B.T.</i>	<i>B.A. Dip. Ed (Cape Coast), PG Dip. (Ghana), M. Sc. (Putra), Ph.D. (Leicester)</i>	<i>Registrar</i>
<i>Nabila, P.A.</i>	<i>Dip. (Mathematics) (ATTC), B.A. (Hons), M. Phil. (Ghana)</i>	<i>Asst. Registrar /HoD</i>
<i>Adiikanbasi, Patience</i>	<i>B.A. (Tamale), M.A. (Ghana)</i>	<i>Asst. Registrar</i>

**Other staff**

The Office of the Registrar has a total of ten (10) staff, two (2) of whom are in the Registrar's Secretariat, two (2) in the Postal Unit and seven (7) in the Main Registry. Of the seven staff in the Main Registry, three were on Study Leave. Two of them returned to post in May, and August, 2016, after completing Postgraduate Studies at the KNUST and UDS respectively. Currently, only one staff of the Registry is on Study Leave.

**GOVERNING COUNCIL SECRETARIAT**

The Secretariat of the Governing Council is responsible for the co-ordination of all affairs and activities of the Council and the Sub-Committees of Council. The Secretariat also undertakes specialised ancillary duties. Its staff comprises a Deputy Registrar and a Senior Administrative Assistant. Its activities for the year under review included:

- i) The servicing of Council meetings
- ii) The servicing of Finance Committee meetings
- iii) The servicing of Development Committee meetings
- iv) The co-ordination of activities and measures related to the organization of the University's 18<sup>th</sup> Congregation
- v) The co-ordination of the activities and measures related to the organization of the 5<sup>th</sup> Edition of the University's annual Africa Leadership Lectures
- vi) The organization of visits to all Campuses by the University Council

**Staff**

<b>Name</b>	<b>Qualification</b>	<b>Rank/Position</b>
<i>Debrie, G.K.</i>	<i>B.A., Grad. Dip (Ghana) Cert. Mktg. (CIM.UK)</i>	<i>Deputy Registrar/ Head</i>

## **ACADEMIC AND STUDENTS' AFFAIRS OFFICE**

The Academic and Students Affairs Office is an outfit directly responsible to the Registrar in the performance of its duties. The Office comprises; the Office of the Head of Academic Affairs and the Students Information and Support Unit (SISU). The Academic Affairs Section primarily performs duties on behalf of the Registrar. The following activities were carried out for the 2016/17 academic year:

- i) Processing and release of online application forms for sale to both undergraduate and postgraduate applicants
- ii) Receiving and processing of completed admission application forms from applicants
- iii) Admission of students in consultation with the admissions Committee
- iv) Working in concert with Schools and Faculties to organize matriculation ceremonies for freshmen and women
- v) Liaising with the finance Office on issues relating to payment of fees
- vi) Keeping students' admission and examination records
- vii) Communicating decisions on disciplinary actions on students
- viii) Verification of students' certificates from institutions and organizations
- ix) Issuing and replacement of students Identity Cards for freshmen and women and continuous students respectively
- x) Vetting and compiling list of students for congregation after approval of results by Academic Board
- xi) Visiting Campuses to monitor the conduct of First and Second trimester examinations
- xii) Keeping record minutes of Academic Board and Executive Committee meetings
- xiii) Processing of Academic Transcripts, Letters of Attestation, Introductory Letters etc for students on request
- xiv) Preparing, keeping and releasing of Certificates to students
- xv) Ensuring that all examination materials are supplied to Schools and Faculties

**Staff**

<b>Name</b>	<b>Qualification</b>	<b>Rank/Position</b>
<i>Abubakar, N. I.</i>	<i>B.A., M. A., (Ghana)</i>	<i>Snr. Asst. Registrar/Head</i>
<i>Abdul-Wahid, M.</i>	<i>B.Sc (Kumasi), M.Sc. (Italy), PhD (China).</i>	<i>Snr. Programme Analyst</i>
<i>Abdulai, R</i>	<i>B.A., (Tamale), MBA. (Kumasi)</i>	<i>Asst. Registrar</i>
<i>Yidana, Z.</i>	<i>B.Ed., M.Phil. (Cape Coast)</i>	<i>Asst. Registrar</i>
<i>Bellua, N. S.</i>	<i>HND (Takoradi), B.Sc. (Cape Coast), M.Sc. (Kumasi)</i>	<i>Asst. Research Dev. Officer</i>

**Activities**

- i) **Admission of students for the 2015/16 Academic Year:** Online admission for students into the various programmes, undergraduate and postgraduate programmes went on smoothly without any hitches. The sale of applications forms began in January and ended in June 2016. A total of Thirteen Thousand Eight Hundred and Seventy One (13, 871) applications were received out of which Seven Thousand Nine Hundred (7, 900) qualified applicants were offered admission.
- ii) **Mature Candidates Examination:** Examinations and selection interviews were conducted at the Tamale Campus. Both the written examination and interviews were held on 22<sup>th</sup> and 23<sup>rd</sup> June, 2016 respectively.
- iii) **Matriculation:** Matriculation ceremony to formally admit freshmen and women into the University simultaneously took place at the various Campuses on the 22<sup>nd</sup> October, 2016.
- iv) **Issuance of Academic Transcripts, Students Identification Cards and other Documents:** During the year under review the Academic Affairs Section issued academic transcripts, issued and replaced students ID Cards to freshmen/ women and continuous students, wrote letters of attestation and introductory letters to students for Visa acquisition at the various Embassies and High Commissions in Ghana.
- v) **Confirmation of Students Results:** Pursuant to the University's quest to rid the system of impersonation and other forms of cheating by applicants to gain admission, the Registrar tasked the Students Information and Students Support Unit (SISU) to confirm the SSSCE and WASSCE results of all students with the West African Examination Council (WAEC). Quite

a number of students were found to have falsified their results to gain admission and were accordingly dismissed. The exercise is still on-going.

## UNIVERSITY RELATIONS

### Staff

Name	Qualification	Rank/Position
<i>Belko Sulemanah, S.</i>	<i>PG.Dip. (London Met), PG.Dip. (CIPR), M.A. (Middlesex)</i>	<i>Asst. Registrar/HoD</i>
<i>Ayuba, I.A.</i>	<i>B.A. (Accra), M.Phil. (Kumasi)</i>	<i>Asst. Registrar</i>
<i>Andani, M.I</i>	<i>B.A.,M.A (Ghana) Cert. (GIJ)</i>	<i>Asst. Registrar</i>

The University Relations Section Coordinates the relationship between the University and its internal and external publics.

Pursuant to its mandate, the section performs certain key roles that can generally be categorized under publications, Media and publicity, Events Management and Protocol.

- i) **Publications:** In preparation towards a successful 17<sup>th</sup> Congregation, the Section facilitated the production of the Vice-Chancellor's Report, basic statistics and program and graduate list. During the period under review, the University Relations Section was also instrumental in the production of brochures for the 5<sup>th</sup> African Leadership Lectures and Special Congregation and an Inaugural Lecture presented by Prof. David Millar.
- ii) **Media and Publicity:** In a bid to further project the image of the University and consolidate gains made in our relationship with strategic stakeholders, the University Relation Section engaged the Media on various platforms and at several fora to bring to the fore happenings within the University community which are of interest to the general public. These range from programmes of study to public lectures, matriculation and Congregation and Harmattan School series
- iii) **Events Management:** University Relations facilitated the launch of a book entitled "The History of Education in Northern Ghana (2<sup>nd</sup> Edition)", written by Professor R.B. Bening, the Foundation Vice Chancellor of UDS was launched at the main Conference Room of the UDS Accra Guest House Limited on August 28, 2016. In close collaboration with UDS International Office and the Academic Affairs unit, the Section organized and coordinated a



number of key events. Notable among them are the 17<sup>th</sup> Congregation which was held in November 2016; a matriculation Ceremony held in October 2016, an inaugural lecture delivered by Prof. David Millar in July, 2017 and the 5<sup>th</sup> edition of the Africa Leadership Lectures held in April, 2017. The lecture was climaxed with a special Congregation during which the University conferred a honorary doctorate degree on H.E Benjamin Mpaka, former President of the Republic of Tanzania.

- iv) **Protocol:** Typical roles or activities undertaken by the Section in this regard included the effective coordination of the official travels (both local and foreign) of principal officers and important guest of the University. The Section procured tickets, arranged accommodation and airport-pickup of officials and guest during the period under review.

## GENERAL ADMINISTRATION

### Staff

Name	Qualification	Rank/Position
<i>Tampah-Naah, C.</i>	<i>B.A, Dip. Ed. (Cape Coast); M.A. (Ghana)</i>	<i>Snr. Asst. registrar</i>
<i>Attiah, S. J</i>	<i>Cert "A" (4-year Post Middle), Dip. (UCEW), B.Ed., M.A. (Cape Coast)</i>	<i>Asst. Registrar</i>

### Introduction

The Registry of the University has several Sections/Units. The General Administration is one of the integral part of the Registry.

### Activities

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

1. MYBANK Financial Services Limited, Tamale
2. Syndicated Capital, Tamale
3. SCANCOM Limited, (MTN – Ghana)
4. Dalex Financial & Leasing Company, Accra
5. National Investment Bank, Tamale
6. Green-World Africa – NIBISI Health Care, Tamale
7. Life Styles Professionals (LSP), Kumasi
8. Guaranty Trust Bank (Gh) Limited, Tamale

9. Best Point Savings & Loans Limited
10. Societe Generale Bank, Tamale

They provided services including; provision of fast loans, introduction of new products and selling of their products to staff.

### **Publications**

Seniwoliba, A. J., Mahama, A.V. and Abilla, B. J. (2017).Challenges of records management in higher in Ghana: The case of University for Development Studies. *International Journal of Education, Educational Policy, Research and Review*, 4(3), 29-41.

## **PERSONNEL UNIT**

The Personnel Unit is one of the main support Units under the Registry. Throughout the period, there was a remarkable improvement in the compilation of personnel database and an enhancement in the procedures and processes of selection, recruitment, promotion and transfer/reposting of staff.

### **Staff**

<b>Name</b>	<b>Qualification(s)</b>	<b>Rank/Position</b>
<i>Iddrisu, M.T</i>	<i>B.A. (Ghana). M.Ed., CGPA, Ph.D.(Leicester),</i>	<i>Snr. Asst. Registrar/Head of HR</i>
<i>Yussif, A.</i>	<i>B.A. (Ghana), MBA( Accra)</i>	<i>Asst. Registrar</i>

### **Activities undertaken within the Year**

During the year under review, the Personnel office facilitated three (3) categories of Interview, for Senior Members. These interviews were conducted by the Appointments and Promotions Board to either appoint, promote staff or regularized their appointments into various units, departments and faculties.

The Human Resource Section also undertook selection and recruitments, compensation, salary and benefits determination general employee relations, and many issues concerning staff. The year under review recorded a number of staff retiring, resigning and others deceased.

Seventy-Four Senior Members were appointed to work in various Faculties and Departments of these seventy-one (71) were Academic Staff while three (3) were administrative.

### Contract Appointments

Academic and Non-Academic staff at the various faculties and sections whose post retirement contract appointment elapsed at the end of the academic year were offered one year extension of their post retirement contract appointment and those who went on retirement were also given one for Senior Members and six months for Senior and Junior Staff

### Retirements

During the academic year under review, twenty-two (22) members of staff proceeded on statutory retirement. This figure is made up of twelve (12) senior members, two (2) senior staff and eight (8) junior staff.

## TRAINING AND DEVELOPMENT

### Staff

Name	Qualification	Rank/Position
<i>Ayarna, B.B.</i>	<i>B.A., M.Phil, MBA (Ghana)</i>	<i>Snr. Asst. Registrar</i>
<i>Mahama, A.V.</i>	<i>BA, M.Phil (Ghana)</i>	<i>Asst. Registrar</i>

### Introduction

The mandate of the Training and Development Unit (T&D), a section of the Registry, is to build the capacities of staff to effectively contribute to the achievement of the goals of the University by organizing, co-ordinating or facilitating training programmes for staff of the University. These training programmes are to sharpen the skills, knowledge, competences and attitudes of staff to enable the University achieve excellence in research, teaching, administrative and other academic activities.

The year under review saw a continuation of the strict compliance to the rules and regulations governing the application of study, annual and maternity leaves. The Unit ensured that staff who qualified for study leave completed the necessary prescribed documents in consultation with the Registrar's Office as well as the Legal Unit. The Unit has been empowered to ensure staff's compliance to the rules and regulations on

study leave and to apply sanctions on staff who violate them. The Training and Development Unit services the Scholarships Committee of the University. All applications for Study Leave are assessed by the Scholarships Committee and it makes its recommendations to the Registrar. The Unit also ensured a continuation of the enforcement of the Committee's quota system for all categories of staff.

During the 2016/2017 academic year, a total of two hundred and twenty-seven (227) staff had been granted study leave to pursue programmes ranging from Diploma to PhD levels within and outside the country through sandwich, distance, full and part time. The breakdown of the two hundred and twenty-seven (227) is as follows:

i) No. of Teaching Staff on Full Time Study Leave	-	77
ii) No. of Teaching Staff on Sandwich Programmes	-	10
iii) No. of Teaching Staff on Part-Time Programmes	-	63
iv) No. of Non-Teaching Staff on Full Time Study Leave	-	21
v) No. of Non-Teaching Staff on Distance Learning Programmes	-	20
vi) No. of Non-Teaching Staff on Sandwich Programmes	-	4
vii) No. of Non-Teaching Staff on Part-Time Programmes	-	<u>32</u>
<b>Total Number Pursuing Programmes</b>		<b><u>227</u></b>

The Unit conducted a training programme for eighty-four (84) Assistant Transport Officers, Chief drivers, senior drivers, drivers grade I&II in the University. Some of the main topics are as follows:

- i) Fire Management and Control
- ii) Conditions of Driving
- iii) Road Regulations
- iv) Stress Management
- v) Human Resource Issues

The Unit also conducted orientation for one hundred and fifty-one (151) National Service Personnel posted to the university for the first. The orientation was done throughout the various campuses. Service Personnel were taken through the following:

- i) Mailing handling
- ii) Branding/Selling of the University
- iii) Communication Channels
- iv) Confidentiality & Loyalty
- v) Safeguarding information and the good name of the University

vi) Personal appearance

The Unit currently has staff strength of two (2) Senior Members, one (1) Administrative Assistant, a Messenger and a National Service Person.

## ACCRA OFFICE

### Staff

Name	Qualification	Rank/Position
<i>Ansa, M.A.</i>	<i>BSc (Ghana), MA (UK)</i>	<i>Asst. Registrar/HoD</i>

### Core functions of the Accra Office

- i) To help intensify the publicity drive of the University regarding its programmes, activities and services;
- ii) To respond to public enquiries about programmes, activities and outreach services of the University;
- iii) To facilitate protocol arrangements including travels, passports, visas and resident and work permits for staff and visiting guests of the University;
- iv) To facilitate the clearing of goods from the port for the University;
- v) To represent the University at functions where necessary;
- vi) To follow-up on issues of the University with appropriate Ministries, Departments and Agencies (MDAs); and
- vii) To assist in organising events of the University as and when the need arises.

### Major Activities Carried Out

- i) **Responses to Public Enquiry:** The Accra Office responded to public enquiries about programmes, activities, availability of job vacancies and possible collaboration with the University. The peak of the public enquiries was witnessed during the admission period with parents, guardians and prospective students trooping in and out of the office on regular daily basis for information about the 2016/2017 admissions. Most of them were advised to visit the University's website ([www.uds.edu.gh](http://www.uds.edu.gh)) to be able to get adequate information about the admission process. The official admission e-mail address ([academicaffairs@uds.edu.gh](mailto:academicaffairs@uds.edu.gh)) and contact numbers (+233-3720-93382, +233-249-482281, +233-205-232313, +233-270-988680) were all made available to the general public.

- ii) **Protocol Arrangement:** The Office rendered a wide range of protocol services during the period. It facilitated the processing of passports, visas, ticketing and other travelling documents for Senior Members who were due to travel overseas on official assignments. Some of the countries that the Senior Members visited were Spain, the United Kingdom, Germany, Japan, India, China, the Netherlands, Morocco, Nigeria, Tanzania, Senegal and the United States of America. The Office, in collaboration with the University Relations and the UDS International Office coordinated all arrangements for boarding, lodging, pick-ups and drop-offs to and from the airport for guests and Senior Members of the University in Accra.
- iii) **Follow-Ups with Appropriate MDAs:** The Accra Office embarked on vigorous follow ups on issues of the University with the appropriate Ministries, Departments and Agencies (MDAs) as well as relevant public and private institutions. Some of
- iv) these institutions were the Ministries of Education, Finance, Health, Foreign Affairs and Regional Integration, Roads and Highways, Trade and Industry; Government Scholarships Secretariat, National Council for Tertiary Education (NCTE), Ghana Education Trust Fund (GETFund), Fair Wages and Salary Commission, National Accreditation Board (NAB), Controller and Accountant General's Department, Vice-Chancellors Ghana, the United Nations Development Programme (UNDP), Japanese International Cooperation Agency (JICA), Passport Office, Ghana Immigration Service, Bank of Ghana, Ghana Atomic Energy Commission, Technical Examinations Unit of the Ghana Education Service, Ghana Standard Authority, and many other financial institutions. The follow-ups contributed, in no small measure, to realisation of the policy objectives and set targets of the University for the reporting year.
- v) **The Office also represented the University at the official Launch of a Partnership to promote West African Studies at the Great Hall of the University of Ghana, Legon, the Ghana Energy Summit on the theme the Future of Energy in Ghana at the Kempinski Hotel, the French National Day at the Residence of the Ambassador of France to Ghana and the Celebration of 45 years of Banking Excellence with UMB at the Movenpick Hotel.**
- vi) **Donation of Buses:** The Accra Office, on behalf of the University, received a donation of two (2) new buses from the Government of Ghana through the Ministry of Education. The buses were a 66-seater capacity bus with Registration Number GV 474 - 16 and a 33-seater capacity bus with

- Registration Number GV 182 – 16. The 2 buses were delivered on August 16, 2016 to the UDS Central Administration for further action by Management.
- vii) **Clearing of Goods:** The Office facilitated the clearing of 15 boxes of Portable Baby/Child/Adult L-H Measuring System delivered to the Department of Community Nutrition, One (1) Solar Bubble System delivered to the Faculty of
  - viii) Agriculture and assorted Laboratory Equipment delivered to the Navrongo, Nyapkala and Tamale Campuses.
  - ix) **Organisation of 5<sup>th</sup> Edition of Africa Leadership Lectures and Special Congregation:** The 5<sup>th</sup> edition of the Africa Leadership Lecture Series and Special Congregation came off from 26 – 28 April, 2017 in Tamale. The Accra Office played an active role in the organisation of the programme. Apart from collaborating with some key stakeholders and sending out invitation letters, the office also made adequate arrangements through the Ministry of Foreign Affairs and Regional Integration to the Presidency, the National Security Secretariat, State Protocol Department, Motor Transport and Traffic Unit and the Kotoka International Airport to ensure that H.E. Benjamin Mkapa, Former President of the Republic of Tanzania, who was the Guest Speaker for the 3-day lecture, was accorded the necessary diplomatic courtesies. The organisation of this year's event was commended as an improvement over the past editions.
  - x) **Book Launch:** A book entitled “The History of Education in Northern Ghana (2<sup>nd</sup> Edition)”, written by Professor R.B. Bening, the Foundation Vice Chancellor of UDS was launched at the main Conference Room of the UDS Accra Guest House Limited on August 28, 2016. Prof. Gabriel A. Teye, Vice Chancellor, UDS, chaired the programme, and it was well attended by some Senior Members of UDS, family members of Prof Bening, friends, invited guests, media and the general public.
  - xi) **Parcel of Plots:** As part of its oversight responsibilities, and in collaboration with the Works and Physical Development Directorate, the Office paid working visits to the two (2) parcel of land situated in South Legon and Tema. The University awarded a contract to Peacock Construction Works to fence the Tema parcel of land to prevent encroachers from taking over the land but the contractor is yet to move to site.
  - xii) **UDS Accra Guesthouse Limited:** The head of the Accra Office represents the interest of the UDS Accra Guesthouse Board and, therefore, is a principal signatory to the operational account of the Guesthouse. Besides, he provides

advisory services to Management of the Guesthouse and ensures compliance of regulatory procedures.

- xiii) **Staffing:** The Accra Office is currently man by eight (8) staff headed by an Assistant Registrar. The other staff includes one (1) Principal Administrative Assistant, one (1) Senior Administrative Assistant, one (1) Senior Clerk, two (2) Senior Drivers, one (1) Office Clerk and one (1) Cleaner.

## WELFARE UNIT

### Introduction

The Welfare Unit is one of the Units under the Registry and is responsible for the Staff Welfare issues.

### Staff

Name	Qualification	Rank/Position
<i>Awugah S. A.</i>	<i>B.Ed., M. Ed. (Winneba), Cert. (USA), Advanced P R (GII)</i>	<i>Snr. Asst. Registrar/Head</i>

### Activities

The Unit during the period under review carried out its mandated tasks. Among the activities carried out were: responding to staff welfare issues; liaising with and organising meetings for agencies that offer their products and services; participating in the meetings of Welfare Services Board and the Staff Welfare Fund Club, and the various committees of the Club.

## UNIVERSITY LIBRARY

The UDS Library provides information and bibliographic support for all faculties, schools, institutes and centers of the University, aimed at assisting teaching, learning and research. The main or central library is located at the Nyankpala Campus of the University in Tamale. The Central Library co-ordinates and complements the activities, services and operations of the libraries on the other campuses.



## Staff

Name	Qualification	Rank/Position
<i>Thompson, E. S.</i>	<i>B.A., Dip. Ed. (Cape Coast), P.G.D Lib, M.Phil. (Ghana)</i>	<i>University Librarian</i>
<i>Plockey, F. D.</i>	<i>Dip Lib., B.A., MA (Ghana)</i>	<i>Snr. Asst. Librarian</i>
<i>Amuda, J. M.</i>	<i>Dip. Lib., (Ibadan), B.A. (Tamale), MA (Ghana)</i>	<i>Snr. Asst. Librarian</i>
<i>Pwadura, J.</i>	<i>Dip Lib., B.A., MA (Ghana)</i>	<i>Asst. Librarian</i>
<i>Ibrahim, A. K.</i>	<i>Dip. Lib., (Ghana), B.A. (Tamale), MA (Ghana)</i>	<i>Asst. Librarian</i>
<i>Yebowaah, A. F.</i>	<i>B.A, M.A. (Ghana)</i>	<i>Asst. Librarian</i>
<i>Konlan, B.</i>	<i>Dip. Lib., B.A., MA (Ghana)</i>	<i>Asst. Librarian</i>
<i>Appiah, D.K.</i>	<i>B.A. (Winneba) M.A., M.Phil. (Ghana)</i>	<i>Asst. Librarian</i>
<i>Akeriwe, M. L.</i>	<i>Dip. Lib Studies, B.A., (Ghana), MIT, (South Africa)</i>	<i>Asst. Librarian</i>
<i>Asiedu, N.K.</i>	<i>B.A (KNUST), M.Phil. (Ghana)</i>	<i>Jnr. Asst. Librarian</i>
<i>Kordie, G.A.</i>	<i>B.Sc. (Tamale), M.Phil. (Ghana)</i>	<i>Jnr. Asst. Librarian</i>

## Major Events

- i) *December, 2016:* Appointment of Mr. E. S. Thompson as the new University Librarian.
- ii) *July, 2017:* Visit by the National Accreditation Board to the Nyankpalaand Tamale Campus Libraries.
- iii) *July, 2017:* Training workshop for Library staff on the Library Management System.

## Automation

The Technical Services Unit of the Library has developed an Integrated Library Management System (ILMS), to automate activities and services. Retrospective capturing of items (books) have been completed as well as training on the circulation module of the system. Beginning next academic year 2017/2018, the library's operations will be migrating onto the ILMS and online public access catalogues (OPACs) will be made available at all campus libraries to serve patron needs.

## Library stock

A total of 1, 305 volumes have been added to the library stock consisting mainly of books purchased for the School of Engineering as well as core titles for various programs offered in the University. It is worth noting that more purchases have been made over donations for the period.

## Publications

**Asiedu, N. K.**

**Asiedu, N. K.**, (2017). Influence of social networking sites on students' academic and social lives: The Ghanaian Perspective. *Library Philosophy and Practice* (e-journal), Paper 1535.

**Appiah, D. K.**

**Appiah, D. K.** (2017). Information seeking behavior of visually challenged students. A case of University of Ghana, Legon and University of Education, Winneba. *Library Philosophy and Practice*, (e-Journal).

**Plockey, F. D. D**

**Pwadura, J., Asapeo, A., and Plockey, F. D. D.** (2017). Evaluation of Use of E-Resources by Academic Staff of Navrongo Campus of University for Development Studies through Workplace Information Literacy Programs. *Library Philosophy and Practice* (e-journal). 1538.

**Pwadura, J.**

**Pwadura, J., Asapeo, A., and Plockey, F. D. D** (2017). Evaluation of Use of E-Resources by Academic Staff of Navrongo Campus of University for Development Studies through Workplace Information Literacy Programs. *Library Philosophy and Practice* (e-journal). 1538.

**Yebowaah, A. F.**

**Owusu-Ansah, C. M, Yebowaah, A. F.** and **Katsekpo, S. A.** (2017). Newspaper Reading behaviour in Academic libraries: A survey of two satellite university libraries in Ghana. *UDS International Journal of Development*, 3 (2); 85-101.

**Konlan, B. and Yebowaah, F. A.** (2017). An Analysis of the correlation between Academic library use and students' performance: A case study of UDS Wa campus. *IISTE, Information and Knowledge management*, 7 (3); 13-20.

**Konlan, B.**

**Konlan, B.** and **Yebowaah, F. A.** (2017). An Analysis of the correlation between Academic library use and students' performance: A case study of UDS Wa campus. *IISTE, Information and Knowledge management*, 7 (3), 13-20.

## LEGAL OFFICE

### Introduction

The Legal Office of the University for Development Studies has since its establishment in April 2008, carried out its mandate successfully.

### Staff

Name	Qualification	Position/Rank
<i>Tater R. N.</i>	<i>(LLB. Hons) BL (Gh)</i>	<i>Snr. Asst. Registrar</i>
<i>Shaibu M. A.</i>	<i>BA,MPA,BL(Gh)</i>	<i>Asst. Registrar.</i>

For the period under review (2017) the Legal Office has reviewed and/or drafted several Memoranda of Understanding (MOUs) and Agreements for signature between the University and other Institutions, both International and local.

Lawyers from the Legal office routinely served on the Disciplinary Board and other ad hoc Disciplinary Committees set up by the Vice Chancellor to assist in investigating alleged offences including examination malpractices and making recommendations affecting discipline of staff and students. In addition, the office renders routine legal advice to Management on matters referred to the office.

There are currently three cases involving the University pending before the Labour Commission in Accra, the Circuit Court in Accra and the Rent Office in Bolgatanga respectively.

## DIRECTORATE OF PROCUREMENT

### Introduction

The Procurement Unit was set up in 2007 and re-designated into a Directorate in 2017. The Directorate status is reflective of the expanded role and function of procurement under the revised statutes of the University for Development Studies. The Directorate is responsible for coordinating all procurement activities of the University. The mission of the Directorate is to lead in delivering on the University for Development Studies set objectives and strategic plan by; locating, developing, qualifying and employing suppliers/contractor of works, goods, consulting and non consulting services that add

value to the University. The Directorate is structured into a Procurement Planning and Contract Management Unit (PPCMU) and a Local Purchases Unit (L P U).

## Staff

Name	Qualification	Position /Rank
<i>Fredua D. A</i>	<i>B.Sc.(Accra), M.Sc.(Coventry, Ghana), MCIPS (UK)</i>	<i>Director of Procurement</i>
<i>Mahama S.</i>	<i>B.A (Tamale), M.Sc. (Volda, Norway), MCIPS(UK)</i>	<i>Head, PPCMU</i>
<i>Braimah A. B.</i>	<i>B. A. (Cape Coast) MBA (Kumasi), MCIPS(UK)</i>	<i>Head, L P U</i>

## INTERNAL AUDIT

### Introduction

The Internal Audit Unit has been in existence since the establishment of the university in 1993. From a lean staff of two, namely J.K. Taylor and Thomas Opoku recruited in 1994; the department has grown to staff strength of seven Snr. members and thirteen Snr. staff. The main function of the department is to give reasonable assurance to Snr. management and the board as to the effectiveness of risk management, governance and control processes and also carry out routine pre-auditing activities and quarterly post audit report. The department was elevated to a Directorate this year.

## Staff

Name	Qualification	Rank/position
<i>Azure J. A.</i>	<i>ICA (Ghana) MBA, Cert IT Audit</i>	<i>Director of Internal Audit</i>
<i>Valentine,D.</i>	<i>M.B.A., B.Sc, ICA (Ghana)</i>	<i>Snr. Internal Auditor</i>
<i>Hananu. B.</i>	<i>MBA, B.Sc ICA (Ghana)</i>	<i>Internal Auditor</i>
<i>Abdulai A.</i>	<i>ACCA (UK) B.A</i>	<i>Internal Auditor</i>
<i>Parry, I.K.</i>	<i>ACCA(UK), IIA</i>	<i>Internal Auditor</i>
<i>Delle, D.S</i>	<i>MBA, B.Com.(Cape Coast)</i>	<i>Snr. Internal Auditor</i>
<i>Ziniyel .A</i>	<i>ICA (Ghana), B.Com (Cape Coast)</i>	<i>Internal Auditor</i>
<i>Abdulai I.</i>	<i>B.Sc. (UPSA), ICA (Ghana)</i>	<i>Internal Auditor</i>

## FINANCE DIRECTORATE

### Introduction

The Finance Directorate is one of the key functional areas of the University for Development Studies. It has the overall mandate of instituting and maintaining sound

financial practices so as to ensure the integrity and safe custody of the University's revenue and assets as well as all related financial matters.

The Finance Directorate is headed by the Director of Finance who reports to the Vice Chancellor and assists the Vice Chancellor in submitting financial reports to the Finance Committee, Audit Committee, Governing Council and Academic Board. The Finance Directorate of the University for Development Studies has the responsibility to facilitate compliance with Part V (Section 25 and 26) of the University for Development Studies Act 1992 (Act 566) and all other relevant laws such as the Public Financial Management Act 2016, (Act 921), the Financial Administration Regulation, 2004 (L.I 1802) and the Public Procurement Act, 2003 (Act 663).

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. It is structured into various departments as well as sections and units so as to provide financial services in the following broad areas:

- i) Provision of Advisory Services,
- ii) Budgeting and Budgetary Control,
- iii) Payroll Administration,
- iv) Revenue Collection,
- v) Treasury Management,
- vi) Disbursement of Funds,
- vii) Financial Reporting and
- viii) Other financial advisory services.

### **Key Activities during the Year:**

- i. Computerization and Software Deployment:** The Finance Directorate continued its efforts together with the Registry to improve on electronic collection of student fees.
- ii. Staff Development:** A number of staff of the Directorate attended workshops to improve their knowledge and skills on the job. A number is also on 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 for Informed Decision making. In this regard the Directorate

continued its regular quarterly management reports to the Finance Committee as well as to the Governing Council.

### Staff

Name	Qualification	Rank/Position
<i>Shaibu, M. H.</i>	<i>B. Com. (Cape Coast), M.B.A, ICA (Gh)</i>	<i>Director of Finance</i>
<i>Iddrisu, M.</i>	<i>B. Com. (C/Coast), ICA (Gh), CEMBA (K'si)</i>	<i>Snr. Accountant</i>
<i>Wemah, S.</i>	<i>FCCA, ICA (Gh), MID, MA</i>	<i>Snr Accountant</i>
<i>Iddrisu, A.</i>	<i>Dip. Ed., B Com., MBA, FCCA</i>	<i>Snr Accountant</i>
<i>Panford, P.</i>	<i>B.Sc. Adm, M.B.A. Finance (Legon)</i>	<i>Asst. Accountant</i>
<i>Amoro, A.</i>	<i>B.A, PG Dip., MBA, ACCA (P/Qual.)</i>	<i>Asst. Accountant</i>
<i>Fuseini, M.</i>	<i>B. Com (C/Coast), ICA (Gh), CEMBA (K'si)</i>	<i>Accountant</i>
<i>Acheampong, O.F.</i>	<i>ACCA (UK), MBA</i>	<i>Accountant</i>
<i>Asare-larbi, F.</i>	<i>BSc, M.Phil, ACCA</i>	<i>Accountant</i>
<i>Dodoo, M.,</i>	<i>BSc, MBA, ICA (Gh)</i>	<i>Accountant</i>
<i>Mahamoud, S.</i>	<i>ACCA</i>	<i>Accountant</i>

## WORKS AND PHYSICAL DEVELOPMENT DIRECTORATE

The Works and Physical Development Directorate is an integral part of the Central Administration providing Technical Services for Physical Planning and Development of the University. It is also responsible for works and maintenance of the physical infrastructure, grounds and gardens. It provides other services such as telecommunication, and water supply.

### 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:

### Staff

Name	Qualification (s)	Rank/Position
<i>Abiko, B. S.</i>	<i>B.Eng.(London), M.Sc. (London), MBA (London) MCIBSE (UK), C. Eng (UK),MIET(UK), MGHIE</i>	<i>Director</i>
<i>Abubakari, M. K.</i>	<i>B.Sc., M.Sc. MGHIE, MICE, MIStructE (UK)</i>	<i>Deputy Director</i>

## WORKS AND MAINTENANCE DEPARTMENTS

These Departments are responsible for general works and maintenance of existing buildings and civil engineering structures and facilities as well as electrical and mechanical equipment and installations. The department has the under listed officers:

### Staff

Name	Qualification (s)	Rank/Position
<i>Debrah, K. D.,</i>	<i>B.Sc. (Kumasi), CEMBA (Kumasi), MGhIE</i>	<i>Engineer (Civil)</i>
<i>Saaka, J. G.,</i>	<i>B.Sc. B.T. (Kumasi), MGhIS</i>	<i>Quantity Surveyor</i>
<i>Addy, A.N.A</i>	<i>B.Sc., P.G. Dip. (Kumasi)</i>	<i>Asst. Architect</i>

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

1. Supervised the renovation of the 3-ICT block on the Tamale Campus for the Faculty of Education
2. Supervised the renovation of the Library/Lecture Hall block on the Tamale Campus
3. Supervised the upgrade of water supply line from the Lamashegu to the Tamale Campus
4. Revision of Tamale Campus Master Plan to include services layout such as water drainage
5. Supervised the renovation of Great Hall at the Nyankpala Campus
6. Prepared estimate for the renovation of the Library block at the Nyankpala Campus
7. Prepared estimate for the upgrade of water supply system at the Nyankpala Campus
8. Carried out general servicing of all generators on Campuses.
9. Carried out routine maintenance and services of all air-conditioning systems.
10. Collaborated with Physical Planning and Development Department in design and supervision of all structural, electrical and mechanical engineering systems.
11. Carried out various routine maintenance in staff bungalows and School/FacultyFacilities.
12. Coordinated road works on all Campuses with the Department of Urban Roads, Feeder roads and the Ministry of Roads and Highways

## PHYSICAL PLANNING AND DEVELOPMENT DEPARTMENT

The department is responsible for the Physical planning, design, preparation of bills of quantities, costing and works supervision of new constructional works of the University. The Department has the following officers:

### Staff

Name	Qualification (s)	Rank/Position
<i>Baba-Duah, J</i>	<i>B.Sc., P.G. Dip. (Kumasi), M.Sc. (Kumasi) AGIA</i>	<i>Architect</i>
<i>Awuni, M.A.</i>	<i>B.Sc. (Kumasi), M.Sc., (Kumasi) MGHIS</i>	<i>Quantity Surveyor</i>

### The Department undertook the following:

1. Supervising the completion of sports facilities in Tamale Campuses.
2. Supervising the Construction of 2-Storey flats for clinical students at the Tamale Teaching Hospital (TTH).
3. Supervision of the completion of 3No. 3-bedroom Guest Houses at the Tamale Campus
4. Supervision of the construction of a 4-storey Student Hostel block for GUSSS at the Tamale Campus.
5. Supervision of the construction of 1No 1000-Seater Lecture Hall Block at the Navrongo Campus to completion.
6. Supervision of the Construction of 3-Storey Library Complex at the Navrongo Campus.
7. Supervision of the construction of 4-Storey Laboratory Complex at the Navrongo Campus
8. Supervision of the construction of 3No. a 4-storey lecture block and offices at Nyankpala and Navrongo Campus respectively.
9. Supervision of the completion of 1000-Seater Lecture Hall at the Wa Campus..
10. Supervision of the construction of Multi-Purpose Auditorium at the Wa Campus.
11. Supervision of the construction 4-Storey Lecture hall block and offices at the Wa Campus
12. Supervised all other on-going projects on campuses with other allied Consultants.



## GROUNDS AND GARDENS DEPARTMENT

The Grounds and Gardens Department is responsible for the maintenance of lawns, parks, gardens, planting of ornamentals and preparation of grounds for official functions.

### Staff

Name	Qualification (s)	Rank/Position
<i>Yampobekeya, S. (PMP)</i>	<i>B.Sc. (Kumasi) MGhIE</i>	<i>Engineer, (Civil)-Wa Campus</i>
<i>Debrah, K. D.,</i>	<i>B.Sc., CEMBA (Kumasi), MGhIE</i>	<i>Engineer (Civil)-Nyankepala Campus</i>

## CONSULTANCY SERVICES

The Department acts as consultants to most of the projects of the University, with assistance from other allied private consultants. The prime aim of this consultancy is to build capacity by way of training and exposure of young professionals. It also generates income that is used to acquire working tools and vehicles for use of the Department.

## ESTATES DIRECTORATE

The Estate Directorate is responsible for the acquisition and management of landed property, land administration, allocation and management of office and residential accommodation, supervision of maintenance of all University landed properties, furnishing of office and residential accommodation, controlling the inventory of all chattels in offices and residential accommodation, valuation of landed property.

### Staff

Name	Qualification	Rank/Position
<i>Akibu A.</i>	<i>B.Sc. (Kumasi), LL.M, Ph.D. (Aberdeen), MGhIS</i>	<i>Snr. Estate Officer/ Director</i>

The Estate Directorate undertook the following activities;

- i) **Accommodation for staff:** The Estate Directorate processed up to 143 Housing Units as accommodation for entitled staff of the University.
- ii) **Update of Inventory:** The Estate Directorate continued to manage and update a comprehensive property Inventory for the University.

- iii) **Grounds and Sanitation:** The Directorate engaged in constant clearing of weeds and pruning of flowers, as well as the janitorial activities within the offices and the halls of residence at the various campuses. The Directorate collaborated with the Faculty of Renewal Natural Resources to plant trees along the boundaries of the Gbanyamni land and Tamale Campus land from 18<sup>th</sup> July, 2017 to 28<sup>th</sup> July, 2017.
- iv) **Maintenance:** The Directorate renovated Bungalow No. 3 Thorghu Road, Watson Residential Area for the occupation of the Director of Works. The Directorate also undertook the renovation of the Limann Hall at the Wa, Campus.
- v) **Land Administration and Management of Damongo Lands:** The Directorate followed up on the acquisition of the Damongo land given to the University through a Deed of Gift by the Damongo Wura for the Faculties of Agriculture and Renewable Natural Resources.
- a. **Kologo Land:** The Directorate liaised with the Licensed Surveyors for the setting-out and re-survey of the University land at Kologo to carve out the portion of the forestry reserve land from the acquisition.
  - b. **Wa Campus Land:** The Directorate is liaising with the Ministry of Education for the payment of valuation mobilization fee to the Land Valuation Division of the Lands Commission Secretariat for the valuation of land and interest for payment of compensation in respect of the compulsory acquisition of the Wa campus land.
  - c. **UDS Land at Gbanyamni Residential Area, Tamale:** The Directorate is following up on the execution of a Deed of lease at the Lands Commission.
  - d. **Tamale Campus Land:** The Directorate facilitated the completion and signing of the acquisition plan for the Tamale campus land.
  - e. The University is compulsorily acquiring the Tamale Campus Land to avoid private development interspersed within the University Community.
  - f. The Directorate also facilitated the preparation of the interim valuation for the acquisition which is pending approval by the Lands Commission, Accra.
  - g. **Accra Office and Guest House Land:** The Directorate is following up on the execution of a lease for the Accra Office and Guest House land from the National Lands Commission, Accra.

**vi) Servicing of Committees and Boards**

The Estate Directorate serves as the Secretariat for the following Committees and Boards:

- a. The Housing Committee
- b. The UDS International Conference Centre Board of Directors
- c. The UDS Accra Guest House Board of Directors

**vii) Handing/Taking Over of Facilities**

The Directorate took over the management of the Bank of Ghana Project building which was completed for interim handing over and is currently in use by the School of Allied Health Sciences (SAHS). The Directorate also took over the three (3) storey ICT block upon completion. The facility is now being used by the School of Medicine and Health Sciences (SMHS).

## DIRECTORATE OF ACADEMIC PLANNING AND QUALITY ASSURANCE

### Staff

Name	Qualification	Rank/Position
<i>Sowley, E. N. K.</i>	<i>Ph.D. (Reading), M.Phil. (Ghana), B.Sc. Dip. Ed. (Cape Coast)</i>	<i>Assoc.Prof./ Director</i>
<i>Bawab, A. K.</i>	<i>B.A., MA (Ghana)</i>	<i>Asst. Registrar</i>

### Introduction

The Directorate of Academic Planning and Quality Assurance (DAPQA) functions as the VC's secretariat on quality assurance issues. The goal of the Directorate is to ensure that relevant and appropriate academic standards are achieved and good quality education is provided to students by encouraging and supporting continuous quality improvement in institutional as well as in programmes and research management. DAPQA strives for continuous academic excellence which is reflected in the core mandate of the University and geared towards achieving the overall vision of the University of becoming "a home of world class pro-poor scholarship".

DAPQA is also responsible for coordinating and managing affiliation matters. The Directorate in consultation with Deans of Faculties/Schools and Heads of Department

facilitates the affiliation process and ensures that prospective affiliates meet a set standard to qualify for consideration.

## Activities

- i) **Vetting of Curricula for Approval by NCTE and Accreditation by NAB:** DAPQA took delivery of a number of documents from various departments on proposed undergraduate and postgraduate programmes that required approval and accreditation by the National Council for Tertiary Education (NCTE) and National Accreditation Board (NAB) respectively. The proposals were carefully studied and scrutinised by DAPQA in the light of NCTE and NAB's requirements. This was aimed at ensuring that the criteria set by these regulating bodies were met for speedy approval and accreditation.
- ii) **Monitoring of Beginning of Lectures:** As part of efforts to ensure quality education delivery in the University, DAPQA monitored the beginning of lectures for First and Second Trimesters of the 2016/2017 Academic Year. This was to find out whether lectures began according to the time table set for the Trimesters. The exercise was conducted simultaneously within the first three weeks in all the four Campuses of the University (Tamale, Nyankpala, Navrongo and Wa). The monitoring in the First Trimester took place from 12<sup>th</sup> to 30<sup>th</sup> September, 2016 whilst that of the Second Trimester lasted between 10<sup>th</sup> and 27<sup>th</sup> January, 2017.
- iii) **Monitoring of Examinations:** During the period under review, the Directorate visited the examination centers of the various Campuses of the University to monitor the First and Second Trimesters' Examinations of the 2016/2017 Academic year. The monitoring of First Trimester Examination took place between 10<sup>th</sup> and 18<sup>th</sup> December, 2016 whilst that of the Second Trimester began on 11<sup>th</sup> April, 2017 and ended on 20<sup>th</sup> April, 2017.
- iv) **Vetting of Academic Results:** DAPQA facilitated the vetting of First and Second Trimesters' examination results of 2016/2017 Academic year. The vetting of First Trimester results took place on 23<sup>rd</sup> and 24<sup>th</sup> February, 2017 whilst that of Second Trimester took place on 24<sup>th</sup> and 25<sup>th</sup> August, 2017.
- v) **Publication of Quality Assurance (QA) Policy Document:** The Quality Assurance Policy document of the Directorate was published on 15<sup>th</sup> March, 2017 and subsequently distributed to various Departments of the

University. It is also available on the University website. The policy document was reviewed and finalized by an Adhoc Committee and ratified by the University Council at its 79<sup>th</sup> regular meeting held on 26<sup>th</sup> November, 2015. This was after a thorough study and approval by the Executive Committee of Academic Board at its 17<sup>th</sup> regular meeting on October 20, 2015.

- vi) **Assessment of Courses and Lecturers for 1<sup>st</sup> and 2<sup>nd</sup> Trimesters of 2016/2017 Academic Year:** The reports on Assessment of Courses and Lecturers for First and Second Trimesters of 2016/2017 Academic Year were generated and submitted to the Deans of the various Faculties and Schools for their action. The reports highlighted the strengths and weaknesses of the lecturers with the aim of helping them to improve upon their teaching.
- vii) **Orientation Workshop for newly appointed Academic Staff;** The Directorate organized an orientation workshop for all newly appointed academic staff of the University, to equip them with the knowledge and skills necessary for effective teaching at the University level. The workshops took place at the Dr. Andani Academic Board Room of the Central Administration on the 5<sup>th</sup> and 6<sup>th</sup> of July, 2017.
- viii) **University Wide Evaluation of Staff:** The Directorate conducted a University-wide evaluation of all categories of staff in the University. This formed the basis for awards to the best staff in each category, during the 2016 Congregation ceremonies held at the Wa and Tamale Campuses.
- ix) **Workshop on Uploading of Results:** On 11<sup>th</sup> January, 2017 the Directorate organized a workshop on the UDS Online Results System for academic staff of the School of Medicine and Health Sciences (SMHS). This was based on a request by the Dean to conduct a separate workshop for his staff because they missed a general one that was organized for the entire academic staff of the University last year.

## Affiliation Issues

- i) **New Applications for Affiliation:** During the period under review, DAPQA received requests for affiliation from the underlisted private institutions to be mentored on various programmes of the University:
  - a) Fountainhead Christian College, Tema

- b) Ivory Vision College, Accra
  - c) St. Williams Nursing and Allied Health Sciences College, Asuotiano BA/R
  - d) Holy Eucharist School of Health
  - e) Garden City University College, Kumasi
- ii) **Grant of affiliation:** The underlisted institutions fulfilled the requirements for affiliation and based on satisfactory reports of the Administrative and Technical Committees of DAPQA, they were granted approval to run various programmes under UDS mentorship:
- a) DHI College of Health and Education, Kumasi
  - b) Madina Institute of Science and Technology, Accra
  - c) Midland College, Kumasi
- iii) **Matriculation and Graduation Ceremonies by Affiliate Institutions:** The underlisted affiliate institutions held matriculation and graduation ceremonies during the period under review. The Pro-Vice Chancellor led UDS delegations to some of the institutions. However on some occasions, the Director of DAPQA represented the University.

Institution	Location	Activity	Date
Royal Ann College of Health	Atwima Manhyia	Matriculation	01/12/16
Newlife College	Tamale	Graduation	10/12/16
Regentropfen College of Applied Sciences (RECAS)	Kansoe, Bongo	Matriculation	25/03/17
Ghana Christian University College	Amrahia, Accra	Matriculation	30/03/16
Royal Ann College of Health	Atwima Manhyia	Matriculation	29/04/17
Neumann College	Atwima Takyiman	Matriculation	04/05/17
DHI College	Kumasi	Graduation	08/06/17

## UDS INTERNATIONAL

UDS International is a Directorate under the Vice Chancellor's Office in charge of linking up UDS to other academic institutions around the world. The core mandate of the Directorate is to strengthen international linkages and foster international co-operation. The Directorate seeks to promote collaboration by encouraging staff and

students' development through exchanges, participation in international conferences, collaborative research, and other activities.

## Staff

<b>Name</b>	<b>Qualification</b>	<b>Rank/Position</b>
<i>Kranjac-Berisavljevic, G. Saba, C.K.S</i>	<i>Ph.D. (Ghana), M.Sc. (Bari), B.Sc. (Belgrade)</i>	<i>Prof./Director</i>
<i>Tabiru, R.</i>	<i>Ph.D., M.Sc. (Madrid), B.Sc. (Tamale)</i>	<i>Snr. Lecturer/Deputy Director</i>
<i>Boye K.M., E.</i>	<i>M.A. (Canada), B.A. (Ghana)</i>	<i>Asst. Registrar</i>
<i>Wonnia, L.K.</i>	<i>M.Phil., B.A. (Ghana)</i>	<i>Asst. Registrar</i>
	<i>MBA, BMS, (Cape Coast) Cert. HRM (Accra)</i>	<i>Asst. Registrar</i>

## Activities

- a) **International/National Visitors 2016-2017** processing of Memoranda of Understanding (MoUs) with both local and international organizations/institutions,
- b) receiving visitors across the globe on collaborative issues,
  - i) Visit of the University of Sine Saloum El Hadji Ibrahima Niass In Kaolack (USSEIN), Senegal to study how UDS runs its multi campuses and its Third Trimester Field Practical Programme (TTFPP).
  - ii) Visit of the University of Cincinnati, U.S. State of Ohio, contacting UDS and three other universities in Africa for possible academic cooperation.
  - iii) Visit from the Universities of Toronto and Waterloo, both in Canada. As an outcome of these visits, four students from the University of Toronto came to UDS and participated in the Guinea-fowl research project.
  - iv) Visit of the Korean Overseas International Cooperation Agency (KOICA) on the Agency's project on Capacity Development of Farmer Based Organisations/Cooperatives in northern Ghana.
  - v) The Directorate also received Dr. Paul Wilkins from the Royal Botanic Garden, United Kingdom.
  - vi) Two Spanish delegations visited the university to discuss on how Spanish medical doctors could come to UDS for a short exchange programmes.

- vii) A four (4) member delegation from the Université Ouaga I Pr Joseph Ki-Zerbo (UO1-JKZ), Burkina Faso, paid a courtesy call to the Vice-Chancellor and other Principal Officers to start collaboration process.
- viii) The Directorate also received visitors from Care International, Ghana. This partnership through the Faculty of Agribusiness and Communication Sciences (FACS), will roll-out a new model of TTFPP in the 2017/2018 academic year that will emphasize on attaining the Sustainable Development Goals (SDGs).
- c) processing scholarship and internship forms for students and staff
  - i) Award of Educational Pathways International (EPI) Scholarships to seven (7) UDS undergraduate students. This is in addition to five (5) undergraduate students during the 2015/2016 academic year, increasing the number of EPI awards to twelve (12).
- d) Visits to Foreign Institutions
  - i) Round Table Conference organized by University of Electronic Sciences and Technology of China (UESTC) in Chengdu, China in April, 2017.
  - ii) Visit to the German Academic Exchange Service (DAAD) Information Center to attend a seminar on “Research in Germany” and present paper on experiences of UDS in this respect.
  - iii) Visit to South Africa to participate in the 5<sup>th</sup> Africa Higher Education Forum in Cape Town.
- e) Institutional Affiliation/Membership: Through efforts of the UDS International, UDS has joined UDS International Association of Universities (IAU).IAU which seeks to promote research and shared knowledge among universities and all similar institutions.
- f) Scholarships  
Through the various collaborations and the coordinating roles of the Directorate, some scholarships had been offered to UDS staff and students.



**Table 1 UDS Staff on Scholarship through UDS International Office for 2016**

Name	Faculty	University	Programme of study	Country	Duration
<b>Adjorlolo Gideon</b>	Central Admin	Univ. of Electronic Sciences & Technology of China	MSc. Public Administration	China	Sept. 2017- July 2019
<b>Anafo Solomon Abugre</b>	FMS	Univ. of Electronic Sciences & Technology of China	PhD in Management Science and Engineering	China	Sept. 2017- July 2021

- g) Foreign Interns with UDS: The University received thirteen (13) foreign interns; seven (7) from the PXL College, Belgium; three (3) medical doctors from Spain; two (2) from Japan and another from the Netherlands who undertook their internship in various Schools and areas, as shown on Table 2 below:
- h) Signing of MoUs: During the period August 2016 to July 2017, several MOUs and Addenda were signed between UDS and other International and Local Universities/Organisations as presented in Table 2 below.

**Table 2 Memoranda signed and renewed as at July, 2017**

Partner Institution	Type of Agreement/Details	Collaborating Campus/ Faculty
Florida Agricultural and Mechanical University (FAMU), USA	- Establish academic and scholarly cooperative linkages in the areas of pharmacy, public health - Collaborative research, Exchange of faculty and staff, etc.	SMHS
The Institute for Policy Alternatives (IPA-Ghana)	-Joint collaboration -Creation of an International Consortium for Training in Community-Based Research etc.	SMHS
University of Ghana, Legon (The West African Centre	Collaborate on the training of students under ACE project	General

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for Cell Biology of Infectious Pathogens		
Université Ouaga I Pr Joseph Ki-Zerbo, Burkina Faso	Exchange of staff, students, publications, etc.	General
Gujarat Forensic Sciences University, Gandhinagar, Gujarat, India	- Exchange of students -Providing training program for Faculties, Judiciary, Police Personnel, Forensic Experts, Consultancy & Technical support, Short term Skill-based Certificate courses at GFSU Campus;	General
Ankara University Turkey	Collaboration and research in the areas of health.	General
World University Services of Canada	- Collaboration in the research work of graduate and post-graduate students - Co-operation for mutual advice or advice to third parties and offering specialized training -	FOA
International Child Resource Institute (ICRI), USA	Collaborate in establishing and teaching post graduate level programs in the Dept. of Early Childhood Education - Collaboration in the exchange of staff & student	FOE
World Food Preservation Center ® LLC	Mobility of students, staff etc	General
Institute of Business Management, Pakistan	Exchange of students, faculty & research etc	General
Friedrich-Alexander Universität Erlangen-Nürnberg, Germany	Exchange of academic staff and research activities	General
North Carolina Agricultural And Technical State	Joint Research, human resource sharing, etc	General

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University, Greensboro,  
USA

Care International,  
GHANA

- Provision of expertise
  - Joint research and sharing of knowledge
  - Practical training and industrial attachment
  - Logistical and financial support
- 

Nyankpala

## **THE GRANT ADVANCEMENT OFFICE**

The Grant Advancement Office explores grants and scholarship opportunities for activities in various areas for staff as well as students. During the period under review, over sixty (60) notifications on grants and scholarships were sent to staff, students and national service persons.

## **KAZUHIKO TAKEUCHI CENTRE FOR SUSTAINABILITY AND RESILIENCE**

As an exit strategy to the Climate and Ecosystems Changes Adaptation Research in semi-arid Africa (CECAR-Africa) project funded by Japan Science and Technology Agency (JST) and Japan International Cooperation Agency (JICA) and implemented by many collaborating institutions, the Kazuhiko Takeuchi Centre for Sustainability and Resilience (KTCSR) was established in 2017 to continue research and community capacity building in Sustainability and Resilience in areas of Climate and ecosystem changes. The Centre is named after Prof. Kazuhiko Takeuchi, whose pioneering and leadership role led to the initiation and effective implementation of the CECAR-Africa project.

The mandate of the centre 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

**Staff**

<b>Name</b>	<b>Qualification</b>	<b>Rank/Position</b>
<i>Yeboah, R. W. N</i>	<i>B.Sc., M.Sc., (Ibadan) Ph.D., (Ghana)</i>	<i>Snr. Lecturer (Director)</i>
<i>Jasaw, G. S</i>	<i>B.Sc. (Kumasi) M.Sc., (UK) Ph.D. (Japan)</i>	<i>Snr. Lecturer (Deputy Director)</i>

**Research Interests****Yeboah, R. W. N**

- i) Climate Change, Sustainability and Resilience
- ii) Small farms and small food businesses

**OFFICE OF THE DEAN OF STUDENTS****Introduction**

The Office of the Dean of Students' Affairs is one of the key organs of the university management and the main office is situated in the Central Administration building, Tamale Campus, with supporting offices at all the four campuses of UDS. The office works with the support of the entire management and more especially with the offices of the Vice-Deans of Students, Counseling Units and Senior Hall Tutors to provide general welfare services for students. The office also co-ordinates the activities of the Student Representative Council (SRC) and the various students' groups on the Campuses. It further serves as the link between the University management and the various students' bodies.

**OFFICE OF THE DEAN OF STUDENTS, TAMALE CAMPUS****Staff**

<b>Name</b>	<b>Qualification</b>	<b>Rank/Position</b>
<i>Dzomeku, I. K.</i>	<i>B.Sc. (Ghana), P.G.D (Norway), MSc (Kumasi), Ph.D (Reading)</i>	<i>Assoc. Prof. / Dean of Students</i>
<i>Thompson, J. D.</i>	<i>Dip. Ed., B.A. (SS), M.Phil. (Cape Coast)</i>	<i>Snr. Asst. Registrar</i>

**OFFICE OF THE SENIOR HALL TUTOR, TAMALE CAMPUS****Staff**

<b>Name</b>	<b>Qualification</b>	<b>Rank/Position</b>
<i>Ameade, E. P. K.</i>	<i>B.Pharm, M.Pharm (Kumasi) MPSGh</i>	<i>Snr. Lecturer/Senior Hall Tutor</i>
<i>Kumoji, H. N.</i>	<i>B.Ed. (Cape Coast) M.Sc. (Tamale)</i>	<i>Asst. Lecturer/Senior Hall Tutor</i>

The Tamale Campus has two hostels; the hostel at the Tamale Campus and the Clinical hostel at the Tamale Teaching Hospital (TTH). The Tamale hostel has a bed capacity of 200 manned by three (3) porters and two (2) security guards. The Clinical hostel at TTH has 8 flats each made up of two rooms with the capacity of 32 students.

**OFFICE OF VICE-DEAN OF STUDENTS, NYANKPALA CAMPUS****Staff**

<b>Name</b>	<b>Qualification</b>	<b>Rank/Position</b>
<i>Adu-Gyamfi, R.</i>	<i>B. Sc. (Tamale) M. Phil., Ph.D. (Reading)</i>	<i>Snr Lecturer/Vice Dean</i>
<i>Addah, W.</i>	<i>B. Sc. (Tamale) M. Phil. Ph.D. (Alberta)</i>	<i>Snr. Lecturer/Snr. Hall Tutor</i>
<i>Dari, L.</i>	<i>B. Sc. (Tamale) M. Phil. Ph.D. (Kumasi),</i>	<i>Lecturer/Snr Hall Tutor</i>

The Nyankpala Campus has three halls and a graduate hostel with a total bed capacity of 523. The halls are Alhassan Gbanzaba, Union and Nyankpala. The new hall being funded by Islamic bank and GetFund has not been completed for occupancy. There are 43 'hostels' on the Nyankpala Campus and 15 in the Nyankpala Township which can accommodate between 3 and 30 students.

**OFFICE OF THE VICE-DEAN OF STUDENTS, WA CAMPUS****Staff**

<b>Name</b>	<b>Qualification</b>	<b>Rank/Position</b>
<i>Ziemah, M.M.K.</i>	<i>B.Sc., M.Sc. (Kumasi)</i>	<i>Lecturer/ Vice Dean</i>
<i>Achana, G.T.W.</i>	<i>B.A. (Ghana), M.Phil. (Oslo)</i>	<i>Lecturer/Snr. Hall Tutor</i>
<i>Debrah, I. A.</i>	<i>B.Ed., M.Phil. (Cape Coast)</i>	<i>Lecturer/ Snr. Hall Tutor</i>
<i>Bagah, J. S. K.</i>	<i>B.A., M.Phil. (Tamale)</i>	<i>Jnr Asst. Registrar,</i>

The Wa Campus has five halls namely; Upper West, Cardinal Dery, Jubilee, Royal and Limann halls. With the exception of Jubilee hall which was recently renovated, the other halls though operational, are in a deplorable state. Due to the deplorable nature of the halls of residence and existing poor facilities, all the halls, put together, were not able to accommodate the usual 714 students during the 2016/2017 academic year.

## OFFICE OF THE VICE-DEAN OF STUDENTS, NAVRONGO CAMPUS

### Staff

Name	Qualification	Rank/Position
<i>Ohene, B. A.</i>	<i>B.Sc. (Sokoto), M.Sc. (Kano), PhD (Kumasi)</i>	<i>Snr. Lecturer/ Vice Dean</i>
<i>Luu Yin</i>	<i>B.Com. (Cape Coast), M.B.A.(Kumasi) IPMA (UK).ChPA, CIAMC</i>	<i>Lecturer/Snr. Hall Tutor</i>
<i>Bonye, F.</i>	<i>B.Sc. (Kumasi) M.Sc. (UK)</i>	<i>Lecturer/ Snr. Hall Tutor</i>
<i>Aboyom, I. A.</i>	<i>B.A, M.Phil. (Tamale)</i>	<i>Jnr. Asst. Registrar,</i>

The Navrongo Campus has three halls of residence; one for females (Navro hall) and two for males (Ecowas and Savanna halls), and a total capacity of 336 beds. Out of the number, Navro hall has 156 beds, Ecowas hall has 100 and Savanna hall has 80.

### Programmes and Activities

1. Exhibition of the University programmes at the 10<sup>th</sup> Ghana Higher Education Fair (Series) for Senior High School students and graduates on one platform in the first Fair in Wa from 18<sup>th</sup> - 20<sup>th</sup> January, second Fair in Bolgatanga from 23<sup>rd</sup> -25<sup>th</sup> January, third Fair in Tamale from 26<sup>th</sup> -28<sup>th</sup> January, fourth Fair in Sunyani from 6<sup>th</sup> - 8<sup>th</sup> February and seventh Fair in Ho from 20<sup>th</sup> -22<sup>nd</sup> February, 2017.
2. Forwarding completed scholarship application forms for the 2017/2018 academic year from students of UDS to Tertiary Education Scholarship Trust (TEST) for Ghana.
3. The Office assessed brilliant but needy students for the Standard Chartered Kenneth Dadzie Memorial Trust Fund, and Standard Chartered Science Education Trust Fund across all the University Campuses.
4. Monitoring the election of Students Representative Council (SRC) by e-voting (first time) at the Campus.

5. Participation in the Dutch Education and Career Fair 2017 at the Movenpick Ambassador Hotel, Accra. The objective of the Fair was to offer career counselling as well as promote Dutch education to Ghanaian students who will be seeking higher education in future. The outcome of the seminar was the U-Turn scholarship for students, which distribution is in a tabular form below:

Faculty/School	No. of Students	Faculty/School	No. of Students
Agriculture	6	School of Allied Health Science	6
Integrated Development Studies	8	Business and Law	8
Planning and Land Management	7	Education	8
Applied Science	5	Natural Resources and Environment	2
Mathematical Science	5	Agricultural Business and Communication Sciences	4
School of Medicine and Health Science	12	Engineering	2

6. Participation in the Study UK Partnership Forum and Mini Fair at the British Council, Accra. Some of the sessions at the Fair were partnership and processes –UK perspective as well as partnership and processes –Ghana perspective.
7. Participation in the Innovation for Agricultural Training and Education (InnovATE) Symposium on Campus Climate Policy at the Palm Beach Hotel in Saly, Senegal.

## THIRD TRIMESTER FIELD PRACTICAL PROGRAMMES

### Introduction

The Third Trimester Field Practical Programme (TTFPP) is an integrated flagship programme that seeks to link with the communities in the catchment area and beyond. It is an indispensable part of the academic training curriculum of the University for Development Studies (UDS) and students must, by necessity fulfil its requirements before graduation. It draws its justification from PNDC Law 279 (1992) based on which the university was established. The goal of the programme is to blend the academic work of the UDS with that of the community in order to provide constructive interaction between the two for the total development of Northern Ghana in particular and the

country as a whole. In pursuance of this mandate, the Third Trimester of the academic year is devoted solely to field work in the rural communities, where students live and carry out studies on developmental issues with the active participation of the members of the communities.

Prior to their departure to the rural communities in the first year, students taken through orientation lectures during the second trimester to introduced to aspects of community studies and prepare them for the work in the field. Students practice community entry and aspects of community diagnosis using participatory approaches. Emphasis is placed on techniques of needs assessment, culminating in the identification and analysis of the problems and potentials of the community using a combination of Participatory Rural Appraisal (PRA) tools and techniques.

The problems and potentials analysed during the first year serve as the starting point of the activities for the second year whereby students are tasked to propose and develop pragmatic interventions for the resolutions of the problems identified in the first year. Students are expected to demonstrate the feasibility, possible implementation and usefulness of the identified potentials to the communities in their development proposals or plans.

### **Programme Objectives**

The general objectives of the integrated TTFPP are to:

- i. Help students to develop favourable attitudes towards working in rural and deprived communities.
- ii. Expose students, practically, to the nature of the development problems and potentials of Northern Ghana in particular and the country as a whole.
- iii. Provide useful services to Ghanaian rural communities through the exchange of knowledge and its application to address the felt needs and aspirations of these communities
- iv. Generate data for further research into problem-solving development issues, and other purposes.



## Staff

Name	Qualification	Rank/Position
<i>Obeng, F. K.</i>	<i>B.Sc., Dip E., M.Phil. (Cape Coast), Ph.D.(Amsterdam)</i>	<i>Snr. Lecturer/Director</i>
<i>Fuseini, M.</i>	<i>B.Com.(Cape Coast), ICAG, CEMBA(Kumasi)</i>	<i>Accountant</i>
<i>Chikpab, S. K.</i>	<i>B.Sc., M.Phil.(Tamale)</i>	<i>Lecturer/Programme Coordinator</i>

## Faculty/School Coordinators

Name	Qualification	Rank/Faculty
<i>Ansah, T.</i>	<i>B.Sc.(Tamale), M.Sc. (Kumasi)</i>	<i>Snr. Lecturer/Agriculture</i>
<i>Ayambila, S.N.</i>	<i>B.Sc.(Tamale), M.Phil. Ph.D. (Ghana)</i>	<i>Lecturer/Agribusiness &amp; Comm. Sciences</i>
<i>Weobon, C. A.</i>	<i>B.Sc., M.Sc.(Kumasi), Ph.D. (Tamale)</i>	<i>Lecturer/Renewable Natural Resources</i>
<i>Opape, A. K.</i>	<i>M.Phil. (Kumasi) B.A., M.Phil.(Ghana), Ph.D.</i>	<i>Lecturer/ School of Medicine &amp; Health Sciences</i>
<i>Glover, E. K.</i>	<i>(Bayreuth) Cert.(Exeter)</i>	<i>Lecturer/School of Allied Health Sciences</i>
<i>Yabuza, A-K</i>	<i>B.Ed., M.Phil.(Cape Coast)</i>	<i>Lecturer/Education</i>
<i>Aabeyir, R.</i>	<i>B.A. (Kumasi), M.Sc. (Kumasi/Enskede),PhD (Kumasi).</i>	<i>Lecturer/Integrated Dev. Studies</i>
<i>Leander, A. A.</i>	<i>B.Ed.(Cape Coast), M.Sc. (Kumasi)</i>	<i>Lecturer/School of Business and Law</i>
<i>Nara, B.B.</i>	<i>B.A.(Tamale), M.Phil. (Kumasi)</i>	<i>Lecturer/Planning &amp; Land Management</i>
<i>Abukari, A.</i>	<i>B.Sc. (Cape Coast), M.Sc.,Ph.D. (Tamale)</i>	<i>Snr. Lecturer/Mathematical Sciences</i>
<i>Zango, M.S.</i>	<i>B.Sc. (Kumasi), M.Sc., M. AGW- Net.</i>	<i>Snr. Lecturer/Applied Sciences</i>
<i>Seini, I. Y.</i>	<i>BSc. (Kumasi), M.Sc.(Sheffield), Ph.D. (Tamale) MGHIE</i>	<i>Snr. Lecturer/School of Engineering</i>

## Third Trimester Field Practical Programme Committee

The Committee is chaired by the Pro-Vice Chancellor and is responsible for planning the annual activities of TTFPP. The committee is composed of the Director of the Programme, a representative each from the Finance, Budget, Internal Audit and

Transport Units of the University, TTFPP Faculty Coordinators, and three student-representatives (at least one female) from each of the four campuses (Tamale, Nyankpala, Navrongo and Wa).

## Activities

Some activities carried out by the Programme include:

- i) TTFPP committee meeting on February 14, 2017 to review the 2015/2016 TTFPP activities, and plan for 2016/17 academic year activities.
- ii) Joint meeting between UDS Management and Regional Coordinating Council and District Assemblies of the Upper West Region in Wa on 29<sup>th</sup> March, 2017
- iii) Orientation Workshops for Level 100 TTFPP District Coordinators
- iv) Selection of new districts and the conduct of community mapping
- v) Despatch of students to the communities in the selected districts
- vi) Monitoring of students in the communities
- vii) Orientation Workshops for Assessors
- viii) Assessment of students in the communities
- ix) TTFPP committee meeting held at Damongo from August 13 - 15, 2017 to discuss and approve TTFPP Results for 2016/17 academic year
- x) All the Municipal and District Assemblies in the Upper West Region were selected for the 2016/2017 Academic Year for Level 100 students.

## Extent of Coverage

In the 2016/2017 Academic Year, a total of 6,710 students were deployed in 610 rural communities spread across Northern and Upper West Regions with the breakdown as indicated Table 1.

Table 1: Student Distribution in 2016/2017

Level	No. of Districts	No. of Communities	No. of Students
200	15	361	3,971
100	11	249	2,739
Total	32	610	6,710

## TTFPP Achievements for the year

This year's programme was organised successfully with very minimal infractions. The cooperation and participation of students and staff were excellent. Relationships

between staff and students and members of the host communities were very cordial and the participation of community members was very active. In one instance students, through their own initiative, worked with the DCE, health authorities and the leadership of the community in the Upper West Region to carry out circumcision among the males in the community. This has helped in breaking the myth surrounding circumcision because of cultural beliefs.

The volumes of data and reports generated through the programme can be of enormous assistance to the communities, Metropolitan, Municipal and District Assemblies in their pursuit for development interventions. The University can partner the current government in the implementation of some policies, one village-one dam and one district-one factory, especially in the north because of the wealth of knowledge, information and experience the university has in the region.

### **Challenges**

Financing the programme and the mobilisation of transport for carrying out such an important but complex remains a challenge that must be looked at to ensure sustainability. Much as the University has and continues to play the key role in financing it is becoming increasingly obvious that there is the need to explore other sources of funding for the programme.

### **Conclusion**

UDS clearly stands out of other university in Ghana because of the Third Trimester Field Practical Programme. The products are well suited for work in every part of the country because of the training they receive. The university will continue to innovate and improve upon the current structure of the TTFPP to make it more relevant to current demands of society.

## **ICT DIRECTORATE**

The ICT Directorate was established by the University in order to keep up with global trends of integrating the power of information technology to better deliver effective teaching and learning services, and aims to become a Centre of Excellence where the potential of ICT is harnessed to serve as a catalyst for effective teaching, research and learning which is aimed at the promotion of innovation in education technology and transformation of academic excellence.

## Objectives

The main objectives set to achieve this mission are:

1. Providing leadership in the execution of ICT services, documentation management, development and implementation of ICT management systems and strategies and technology infrastructure.
2. To provide excellent Student/Staff centred services that are responsive to the changing needs of teaching and learning in higher education.
3. To maintain an effective staff development programme to ensure that ICT staff continue to develop the necessary skills to provide high-quality services and support to Students and Staff

The ICT Directorate is responsible for facilitating the Development of ICT Systems and infrastructure within all the campuses of the University. The Directorate undertakes a number of software developments and maintenance of various ICT products.

Additionally, the Directorate team handles the following functions:

- i) Network design, planning, installation and maintenance.
- ii) Software and Operating System configuration, testing, installation and support.
- iii) Change planning, recording and management for any change to the ICT Infrastructure or Development environment.
- iv) Software and License Control for all software purchased for use within the University
- v) Central logging and first line support for enquiries, hardware, Software and application problems.
- vi) Database/Environment creation, maintenance and administration.
- vii) Implementation and monitoring of best practice information related security processes.
- viii) Project co-ordination for both internal infrastructure-based and the University-wide projects.
- ix) ICT Policy & Strategy development and implementation
- x) Maintain server functions for email, internet, databases, file storage and administration
- xi) End user ICT training, Data management services and Technical Support Services
- xii) Website design and development

**Staff**

<b>Name</b>	<b>Qualification</b>	<b>Position/Rank</b>
<i>Atosona, B</i>	<i>M.Sc. (Brooklyn, USA), MBA (New Orleans, USA), HND/Dip. (IMIS-UK),</i>	<i>Ag. ICT Director/Network Administrator</i>
<i>Mohammed, A.W</i>	<i>Ph.D. (China), M.Sc. (Pavia), B.Sc. (Kumasi)</i>	<i>Snr. Programmer/Analyst</i>
<i>Tietah, G</i>	<i>B.Sc., MBA</i>	<i>Chief ICT Asst.</i>
<i>Aristotle, J.B</i>	<i>M.Sc.(China)</i>	<i>Asst. Programmer/Analyst</i>
<i>Sam, B.N</i>	<i>B.Sc., HND, M.Sc.</i>	<i>Asst. Research Dev. Officer</i>
<i>Tuffour, M</i>	<i>B.Sc., M.Phil.</i>	<i>Snr ICT Asst.</i>
<i>Dagadu, J.C</i>	<i>B.Sc., M.Sc.</i>	<i>Chief ICT Asst.</i>
<i>Dittoh, F</i>	<i>B.Sc., M.Sc.</i>	<i>Webmaster</i>
<i>Quao, P.M</i>	<i>B.Sc. Kumasi</i>	<i>Snr ICT Asst.</i>
<i>Nii Ayi Otoo, S</i>	<i>BSc.</i>	<i>Snr ICT Asst.</i>
<i>Nyankoh, Y.M</i>	<i>B.Sc.</i>	<i>Snr ICT Asst.</i>
<i>Kuupole. E</i>	<i>B.Sc.</i>	<i>ICT Technician</i>
<i>Adatekey, R</i>	<i>HNQP/M.SC.E</i>	<i>ICT Technician</i>
<i>Fumjegeba, P</i>	<i>HNQP/M.SC.E</i>	<i>ICT Technician</i>
<i>Atunika, F</i>	<i>HNQP/M.SC.E</i>	<i>Asst. ICT Technician</i>
<i>Amakama, A.G</i>	<i>HNQP/M.SC.E</i>	<i>Asst. ICT Technician</i>

**Completed Projects**

For the year under-review, the ICT Directorate has facilitated and implemented the following projects:

1. Maintenance of the University's website ([www.uds.edu.gh](http://www.uds.edu.gh)).
2. Renewal and re-installation of corporate Antivirus across all the campuses of the University
3. Upgrade of the University's Microsoft Active Directory ( Domain Controller)
4. Upgrade of the University's Wireless Access (Wi-Fi) across all the campuses
5. Upgrade of the University's Bandwidth from 155MB (STM1) to 1GB
6. Upgrade of each Campus Last Mile leased fiber from 30MB to 100MB
7. Deployment of Bulk Messaging System for the University
8. Deployment of Wi-Fi Security for Lecturers and Students
9. Installation of Campus Area Network (CAN) with fibre optic network backbone across all the Campuses.

10. Deployment of Management Information Systems (Accpac Accounting Package) for the Finance Department.
11. Creation of institutional email addresses for Staff and Students.

The ICT Directorate will be implementing a number of ICT projects to enhance teaching and learning.

## UNIVERSITY HOSPITALS

### Staff

Name	Qualification	Position/Rank
<i>Ziem, J.B.</i>	<i>MBCbB (Tamale), Ph.D. (Leiden)</i>	<i>Asso. Prof., Director of Hospitals</i>
<i>Zielley, T.M.</i>	<i>MBCbB (Tamale)</i>	<i>Medical Director</i>

### Services Rendered

- i) In-Patient Care Services
- ii) Child Health
- iii) General Surgery Services
- iv) Trauma and Orthopedic Surgery
- v) Ophthalmology on selective basis (at convenience of both client and specialist)
- vi) Laboratory Services including Pathology
- vii) Endoscopy on selective basis (at convenience of both client and specialist)
- viii) Obstetric & Gynecological Services on selective basis (at convenience of both client and specialist)
- ix) Health Education
- x) Antenatal & Post natal Services
- xi) Urology on selective basis (at convenience of both client and specialist)
- xii) Mental Health

## Patients Attendance

	OPD			INPATIENT			INVESTIGATIONS		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
2016									
AUG	27	31	58	1	3	4	0	0	0
SEPT	57	42	99	0	1	1	30	32	62
OCT	110	73	183	8	4	12	42	39	81
NOV	121	84	205	15	16	31	49	43	92
DEC	75	92	167	4	3	7	18	14	32
2017									
JAN	108	118	226	12	13	25	31	40	71
FEB	119	155	274	8	6	14	61	71	132
MAR	157	226	383	12	22	34	70	126	196
APR	215	256	471	9	21	30	94	156	250
MAY	239	355	594	33	61	94	456	216	672
JUN	327	365	692	27	42	69	163	216	379
JUL	212	327	539	19	26	45	145	209	354

## NYANKPALA CAMPUS CLINIC

### Staff

Name	Qualification	Position/Rank
<i>Abu H. S.</i>	<i>MPH</i>	<i>Medical Director</i>
<i>Abakisi E. A.</i>	<i>MBCbB</i>	<i>Medical Consultant</i>
<i>Gyeng S. K.</i>	<i>Accountant</i>	<i>Accountant</i>
<i>Abdulai A.</i>	<i>HND Sec/Mgt Studies</i>	<i>Executive Officer</i>

### Services Rendered

- i) General OPD Services
- ii) Inpatients/Detention
- iii) Child Health
- iv) Ophthalmology on elective basis (at convenience of both client and specialist)
- v) Laboratory Services including Pathology
- vi) Health Education
- vii) Antenatal and Post natal Services
- viii) Community Base Management of Acute Malnutrition
- ix) Pharmacy services
- x) Family planning

## Patients Attendance

SERVICE	2016					2017						TOTAL
	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
OPD	1371	1656	1969	1561	1075	1177	1086	1102	947	941	931	13816
In Patients	328	597	709	557	199	234	172	172	103	120	78	3269
Investigations	793	747	843	989	758	694	677	713	473	413	363	7463
Total	2492	3000	3521	3107	2032	2105	1935	1987	1523	1474	1372	24548

## NAVRONGO CAMPUS HOSPITAL

### Staff

Name	Qualification	Position/Rank
<i>Ibrahim-Betonsi F.</i>	<i>BSc., MBCbB</i>	<i>Medical Officer</i>

### Services Rendered

- i) General OPD Services
- ii) Inpatients/Detention
- iii) Child Health
- iv) Laboratory Services including Pathology
- v) Health Education
- vi) Antenatal & Post natal Services
- vii) Pharmacy services
- viii) Family planning

## GRADUATE SCHOOL

### Introduction

The Graduate School is the main coordinating unit of graduate programmes run by Faculties and Schools in the University and is currently located at the Tamale Campus of the University in Dungu. All the Graduate training programmes are at the levels of PGD, M.A., M.Sc., M.Com., M.Phil. and Ph.D. These programmes as listed below are run either on sandwich or full-time basis or both from the respective campuses.



## **A. Sandwich programmes-**

### **1. Faculty of Integrated Development Studies**

- i) Ph.D. in Endogenous Development
- ii) M.Phil. in Development Studies
- iii) M.A. in Development Communication
- iv) M.A. in Social Administration
- v) M.A. in Peace and Development Studies
- vi) M.A. in Environment and Resource Management
- vii) M.A. in Development Economics

### **2. Faculty of Planning and Land Management**

- i) M.Sc. in Development Management
- ii) M.Sc. Strategic Planning and Management
- iii) M.A. in Environmental Security and Livelihood Change
- iv) M.A. in NGO Management and Rural Development
- v) M.A. in Community Development

### **3. School of Business and Law**

- i) M.A. in Leadership and Development
- ii) M.A. Business Planning and Microfinance Management
- iii) M.A. in Management Studies
- iv) M.Sc. in Accounting
- v) Master of Commerce ( Options: Accounting, Human Resource, Banking & Finance, Procurement & Supply Chain Management)

### **4. Faculty of Education**

- i) Post Graduate Diploma in Education
- ii) Master of Education in Training and Development
- iii) Master of Arts in Development Education
- iv) Masters in Agricultural Education

### **5. Faculty of Agriculture**

- i) MSc in Horticulture

### **6. Faculty of Mathematical Sciences**

- i) Post Graduate Diploma in Applied Statistics/Data Management
- ii) Post Graduate Diploma in Computer Science

### **7. Faculty of Agribusiness**

- i) MSc/MPhil Agricultural Economics

## **B. Full-time programmes-**

### **8. Faculty of Integrated Development Studies**

- i) M.Phil. in Development Studies
- ii) M.Phil. in Environment and Resource Management
- iii) M.Phil./Ph.D. in Social Administration

### **9. Faculty of Planning and Land Management**

- i) M.Phil. in Development Management

### **10. Faculty of Applied Sciences**

- i) M.Sc./M.Phil./Ph.D. In Applied Chemistry

### **11. Faculty of Mathematical Sciences**

- i) M.Sc. in Mathematics/Computational Mathematics
- ii) M.Sc. in Statistics/Applied Statistics/Biometry

### **12. Faculty of Agriculture**

- i) M.Sc./M.Phil./Ph.D. in Soil & Water Conservation & Management
- ii) M.Sc./M.Phil./Ph.D. Post-Harvest Technology
- iii) M.Sc./M.Phil./Ph.D in Animal Science
- iv) M.Sc./M.Phil./Ph.D. in Biotechnology
- v) M.Sc./M.Phil./Ph.D in Agronomy
- vi) M.Sc./M.Phil./Ph.D in Horticulture

### **13. Faculty of Agribusiness and Communication Science**

- i) M.Sc./M.Phil./Ph.D. in Innovation Communication
- ii) M.Sc./M.Phil./Ph.D. in Agricultural Economics
- iii) Master of Science in Integrated Rural Development

### **14. School of Allied Health Sciences**

- i) M.Sc./M.Phil. Community Health and Development
- ii) M.Phil. Public Health Nutrition

### **15. School of Medicine and Health Sciences**

- i) Mater of Public Health

## **Members of the Board of Graduate School**

The Membership of the School's Board is constituted to cater for the needs of all the constituents in the University as stated in the Statutes. The current Membership of the Board of Graduate School is as follows:

## Vice-Chancellor's Report | 2017

S/No.	Name	Faculty/School
1	Prof. Herbert K. Dei	Dean, GS and Chairman
2	Dr. Abu Moomin	FoA
3	Mr. Vincent Gbedzi	FoA
4	Dr. Albert Luguterah	FMS
5	Dr. Ibrahim Mohammed Daabo	FMS
6	Dr. Emmanuel K. Derbile	FPLM
7	Dr. Kennedy Alatinga	FPLM
8	Dr. Daniel A. Bagah	SBL
9	Dr. Stephen Kpinpuo	SBL
10	Dr. Samuel A. Donkor	FACS
11	Dr. Francis Obeng	FACS
12	Mr. Oseni Lateef Adebayo	FAS
13	Dr. Addai-Mensah Donkor	FAS
14	Dr. Frank K. Teng-Zeng	FIDS
15	Dr. Osumanu Kanton	FIDS
16	Dr. Anthony K. Donkor	FoE
17	Dr. Agatha Inkoom	FoE
18	Prof. Elias N. K. Sowley	Director, DAPQA
19	Dr. Akwasi Ampofo-Yeboah	FNRE
20	Dr. Bernard Baattuuwie	FNRE
21	Mr. Edwin T. Thompson	Library
22	Dr. Abdulai Abubakari	IIRaCS
23	Dr. Felix Longi	IIRaCS
24	Dr. Nafiu Amidu	SAHS
25	Dr. Mahama Saaka	SAHS
26	Ing. Dr. Shaibu Abdul-Ganiyu	SoE
27	Ing. Dr Felix Abagale	SoE
28	Dr. Benson Konlaan	SMHS
29	Dr. Abass Alhassan	SMHS
30	Mr. Thomas A. Azuure	Secretary

## Staff Strength and Faculty Support

The School has a small number of staff to cater for central coordination of graduate activities, whilst teaching and supervision of student research and outreach activities of both sandwich and full-time programmes are executed by staff of Faculties/Schools augmented by appointed Visiting Professors. The School has eight (8) support/administrative staff made up of the Dean, a Senior Assistant Registrar, Principal Accounting Assistant, Senior Administrative Assistant, Typist Grade I, two Drivers and a Caretaker.

### Staff

Name	Qualification	Position/Rank
<i>Dei, H. K.</i>	<i>B.Sc, Dip.Ed.(Cape Coast), M.Sc. (KNUST), Ph.D. (Newport)</i>	<i>Assoc. Prof./Dean</i>
<i>Azuure, T. A.</i>	<i>BA, MPA (Ghana)</i>	<i>Snr. Asst. Registrar</i>

### Graduate Programmes:

Attached are the statistics of the students' intake since the inception of graduate studies at the University for Development Studies:

### Graduation

The School graduated the following numbers in various disciplines during the Special Congregation in April 2017.

i.	Ph.D. Endogenous Development	2
ii.	Ph.D. Computational Mathematics	1
iii.	Ph.D. Mathematics	1
iv.	Ph.D. Applied Statistics	1
v.	Ph.D. Animal Nutrition	1
vi.	M.Phil. /M.Sc./M.A. (various)	198
vii.	Post Graduate Diploma in Education	22

### Admissions

Graduate students admitted during the 2017 sandwich year stood at one hundred and seventy-two (172) for all sandwich courses.

## Publications

**Dei, H. K.**

- Dei, H. K.** (2017). Assessment of Maize (*Zea mays*) as Feed Resource for Poultry. In: M. Manafi (Ed.), *Poultry Science*. INTECH Publishers, Croatia. P. 1-32.
- Ansah, T., Wilkinson, R., and **Dei, H.K.** (2016). Effects of tanniferous browse plant supplementation on the nutrient digestibility and growth of Djallonké rams. *International Journal of Livestock Production*, 7:122-127.
- Ansah, T., Alagma, H.A., and **Dei, H.K.** (2016). Variety and phosphate fertilizer dose effect on nutrient composition, in vitro digestibility and feeding value of cowpea haulm. *Journal of Animal Science and Technology*, 58: 19-25.
- Konlan, S. P., Ayantunde, A. A., Addah, W. and **Dei, H.K.** (2016). Evaluation of Feed Resource Availability for Ruminant Production in Northern Ghana. *International Journal of Livestock Research*, 7: 39-59.
- Dei, H.K.** and Eshie, G. (2014). Effect of Albizia julibrissin leaf meal on performance of broiler chickens. *Family Poultry Communications*, 23 (2):12-15.

## SCHOOL OF MEDICINE AND HEALTH SCIENCES

### Introduction/Background:

The School of Medicine and Health Sciences trains medical doctors and nurse anaesthetists. It is the only medical school in the northern part of Ghana, one of the five (5) public medical schools in Ghana.

The School, established in 1996, started in Nyankpala and eventually moved to its present location on the Dungu Campus, Tamale. It now has 15 departments. Learning and teaching in the School is grounded on the problem-based learning (PBL) methodology; our flagship programme is the community-based education and service (COBES), which allows our students to be attached to rural communities with health facilities for a period of four (4) weeks every year (from level 100 to level 300 i.e. PBL 1 to PBL3) to offer health advice and serve in such communities. The vision of the school is to be an outstanding health professions training institution manifesting excellence in performance and innovation in rural health, research, health professions training, health care delivery, and community service.

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

Name	Qualification	Rank/Position
<i>Abantanga, F. A.</i>	<i>MD, Certificate PaedSurg (Kharkov), PhD (Kharkov), FWACS, Cert. Cardiothoracic Surgery (Halle), FGCS, FICS</i>	<i>Prof./Dean</i>
<i>Ziem J. B.</i>	<i>BSc, MBChB (Tamale), PhD (Leiden)</i>	<i>Assoc.Prof./Vice Dean</i>
<i>Obene-Ampofo K. N.</i>	<i>BA, MA (Kumasi), PGDE, IPMA (UK)</i>	<i>Snr. Assistant Registrar/Faculty Officer</i>

**DEPARTMENT OF ANAESTHESIA AND INTENSIVE CARE****Staff**

Name	Qualification	Rank/Position
<i>Peters, J</i>	<i>MD, PhD, FGCS</i>	<i>Prof./HoD</i>
<i>Anabah, T.</i>		<i>Snr. Lecturer</i>
<i>Bamaalabong, P.P.</i>	<i>MSc, MSc, Diploma (Informatics)</i>	<i>Lecturer</i>

**DEPARTMENT OF ANATOMY****Staff**

Name	Qualification	Rank/Position
<i>Kuubiere, C.B.</i>	<i>BSc, MBChB (Kumasi), FACH</i>	<i>Snr. Lecturer/HoD</i>
<i>Alhassan, A.</i>	<i>BSc, MPhil, PhD (Kumasi)</i>	<i>Snr. Lecturer, School Examinations Officer</i>

**Publications****Alhassan A.**

Adam, A., **Alhassan, A.**, and Yabasin, I. (2016). Incidence of Traumatic Brain Injury in a Ghanaian Tertiary Hospital. *Journal of Medical and Biomedical Sciences*, 5(2), 5-12.

**Alhassan, A.**, Adam, A. and Nangkuu, D. (2017). Prevalence of Neural Tube Defect and Hydrocephalus in Northern Ghana. *Journal of Medical and Biomedical Sciences*, 6(1), 18-23.

**Alhassan, A.**, Ayikai, L. A., Alidu H., and Yakong, V. N. (2016). Stillbirths and Associated Factors in a Peri-Urban District in Ghana. *Journal of Medical and Biomedical Sciences*, 5(1) 23-31.

## DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR MEDICINE

### Staff

Name	Qualification	Rank/Position
<i>Helegbe, G.K.</i>	<i>BSc, MPhil, PhD (Nagasaki)</i>	<i>Snr. Lecturer/HoD</i>
<i>Dongdem*, J.T.</i>	<i>BSc, MPhil, MPhil (Nottingham)</i>	<i>Lecturer</i>

## DEPARTMENT OF CLINICAL MICROBIOLOGY

### Staff

Name	Qualification	Rank/Position
<i>Ziem, J.B.</i>	<i>BSc, MBCbB (Tamale), PhD (Leiden)</i>	<i>Assoc. Prof./HoD</i>
<i>Asigri, V.L.L.</i>	<i>BSc (Legon), Dip (Denmark), MSPH (USA), PhD (Kumasi)</i>	<i>Lecturer</i>
<i>Otchwemah, R</i>	<i>BSc, MSc, PhD (Tubingen)</i>	<i>Lecturer</i>
<i>Kuugbee, D.E.</i>	<i>BSc (Kumasi), MSc, PhD (Dalian)</i>	<i>Lecturer</i>
<i>Danikuu, E.M.</i>	<i>BSc, MSc (Kumasi)</i>	<i>Lecturer</i>
<i>Karikari, A.B.</i>	<i>BSc, MSc (Kumasi), PhD (Kumasi)</i>	<i>Lecturer</i>
<i>Acquah, S.E.K.</i>	<i>BSc, MPhil (Kumasi)</i>	<i>Lecturer</i>
<i>Walana, W.</i>	<i>BSc (Cape Coast), MPhil (Kumasi)</i>	<i>Lecturer</i>
<i>Boateng, M.K.</i>	<i>BSc, MSc, PhD (UK)</i>	<i>Lecturer</i>
<i>Dery, G.</i>	<i>BSc, MPhil (Kumasi)</i>	<i>Lecturer</i>

## Publications

### Karikari A.B

**Karikari, A. B.**, Obiri-Danso, K., Frimpong, E. H. and Krogfelt, K. A. (2017).

Antibiotic Resistance of *Campylobacter* Recovered from Faeces and Carcasses of Healthy Livestock. *BioMed Research International*, 1-9.

**Karikari, A.B.**, Obiri-Danso, K., Frimpong, E.H. and Krogfelt, K.A. (2017). Antibiotic Resistance in *Campylobacter* Isolated from Patients with Gastroenteritis in a Teaching Hospital in Ghana. *Open Journal Medical Microbiology*, 7, 1-11.

- Karikari, A.B.,** Obiri-Danso, K., Frimpong, E.H., and Krogfelt, K.A. (2017). Multidrug Resistant *Campylobacter* in Faecal and Carcasses of Commercially Produced Poultry. *African Journal of Microbiology Research*, 11(7), 271 - 277.
- Karikari, A.B.,** Obiri-Danso, K., Frimpong, E.H. and Krogfelt, K.A. (2017). Recovery of Resistant Thermophilic *Campylobacters* on Farm and Market Vegetables. *International Journal of Current Microbiology and Applied Sciences*, 6(8).
- Karikari, A.B.,** Frimpong, E.H. and Owusu-Ofori A. (2017). Methicillin Resistant *Staphylococcus Aureus* among Patients In A Teaching Hospital In Ghana. *International Journal of One Health*, 3, 46-49.
- Karikari, A. B,** Obiri-Danso K, Frimpong E. H. and Krogfelt K. A. (2016). Occurrence and Susceptibility Patterns of *Campylobacter* Isolated from Environmental Water Sources. *African Journal Microbiology Research*, 10(37), 1576-1580.

## DEPARTMENT OF COMMUNITY HEALTH AND FAMILY MEDICINE

### Staff

Name	Qualification	Rank/Position
Konlaan, B.B.	BSc, MPH, PhD (Sweden)	Snr. Lecturer/HoD
Bugri, S.Z.	MD (Sarajevo), MSc (London), FGCP	Snr. Lecturer
Addab, J.	BSc (Kumasi), MSc (Legon)	Snr. Lecturer
Yidana, A.	BA (Legon), MSc (London), PhD (Halle)	Snr. Lecturer
Apanga, S.	MBCbB (Kumasi), MSc (Legon)	Snr. Lecturer
Shamsu-Deen, Z	BA (Tamale), MSc (Stockholm), MPhil (Legon), PhD (Legon)	Snr. Lecturer
Chirawurah, D	BA (Tamale), MSc (Kumasi)	Lecturer
Abdulai, T	BSc (Kumasi), MSc (Norway)	Lecturer
Abem*, V.K.	BSc (Tamale), MSc, MSc (Maastricht)	Lecturer
Sufyan*, S.	BSc, MSc (Tamale)	

## DEPARTMENT OF EYE, EAR, NOSE AND THROAT

### Staff

Name	Qualification	Rank/Position
Bonsaana,	BSc, MBCbB (Legon), MMED (Nairobi), FCOphth	Snr.
G.B.	(ECSA)	Lecturer/HoD
Adjeso, T.	BSc, MBCbB (Kumasi), FGCS	Snr. Lecturer



## DEPARTMENT OF HEALTH PROFESSIONS EDUCATION AND INNOVATIVE LEARNING

### Staff

Name	Qualification	Rank/Position
<i>Amalba, A.</i>	<i>MSc, MHPE (Maastricht), MSc (Kumasi), FPCPharm, PSGH, CPA</i>	<i>Snr. Lecturer/HoD</i>
<i>Mogre, V.</i>	<i>BSc (Tamale), MPHE (Maastricht)</i>	<i>Snr. Lecturer</i>
<i>Matorwamen- Akkermans, F.L.</i>	<i>MD (Maastricht), MSc (Maastricht), Certificate in International Health and Tropical Medicine (Amsterdam)</i>	<i>Lecturer</i>

### Publications

#### Amalba A.

**Amalba, A.,** Mohammed, B. S., Ameade, E. P. K., and Woode, C. (2017). Stocking and Dispensing Of Veterinary Medicines By Pharmacists In Ghana. *Pharmacy Education*, 17(1), 24-28.

**Amalba, A.,** Abantanga, F. A., Scherpbier, A. J. J. and van Mook, W. N. K. A. (2016). Community-Based Education: The Influence Of Role Modeling On Career Choice And Practice Location. *Medical Teacher*.

#### Mogre V.

**Mogre, V.,** Abanga, Z. O., Tzelepis, F., Johnson, N. A., and Paul, C. (2017). Adherence To and Factors Associated With Self-Care Hehaviours In Type 2 Diabetes Patients In Ghana. *BMC Endocrine Disorders*, 17(1), 20.

**Mogre, V.,** Aryee, P. A., Stevens, F. C., and Scherpbier, A. J. A. (2017). Future Doctors' Nutrition-Related Knowledge, Attitudes And Self-Efficacy Regarding NutritionCare In The Eneral Practice Setting: A Cross-Sectional Survey. *Medical Science Educator*, 1-8.

**Mogre, V.,** Johnson, N. A., Tzelepis, F., Shaw, J., and Paul, C. (2017). Adherence to Self-Care Behaviours and Associated Barriers in Type 2 Diabetes Patients of Low- and Middle-Income Countries: A Systematic Review Protocol. *Systematic Reviews*, 6(1), 39.

**Mogre, V.,** Stevens, F., Aryee, P. A., and Scherpbier, A. J. (2017). Nutrition in Medicine: Medical Student' Satisfaction, Perceived Relevance and Preparedness for Practice. *Health Professions Education*.

- Opare-Asamoah, K., Majeed, S., Quaye, L., Dapare, P., **Mogre, V.**, and Adams, Y. (2017). Assessing the Prevalence of Hypertension and Obesity among Diabetics in the Tamale Metropolis, Ghana. *British Journal of Medicine and medical Research*, 20(9), 1-9.
- Mogre, V.**, Scherpbier, A. J., Stevens, F., Aryee, P., Cherry, M. G., and Dornan, T. (2016). Realist Synthesis of Educational Interventions to improve Nutrition Care Competencies and Delivery by Doctors and Other Healthcare Professionals. *BMJ Open*, 6(10).

## DEPARTMENT OF INTERNAL MEDICINE AND THERAPEUTICS

### Staff

Name	Qualification	Rank/Position
Rivera Hernandez, O.R.	MD, MSc	Snr. Lecturer/HoD
Akanbong, P.	MBCbB, MWACP	Snr. Lecturer
Braimah, A.B.	MBCbB, MGCP	Lecturer

### Publications

#### Rivera Hernandez O.

- Rivera, O., Yakubu, A. S., and Benjamin, M. B. (2016). Human Pentastomiasis. A Case Report. *West African Journal of Radiology*, 23(1), 46 – 48.

## DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY

### Staff

Name	Qualification	Rank/Position
Kolbila, D.Z.	MD, MPH, FWACS	Snr. Lecturer/HoD
Charadan, A.M.S.	MD, Specialist O&G, MSc	Snr. Lecturer
Gandau*, B.B.N.	MD, Specialist O&G	Snr. Lecturer
Soale, I.M.	MD, FGCS	Snr. Lecturer
Munkaila, M.I.	MBCbB, MGCS	Lecturer
Asirifi Amoako, S. K.	MD, Specialist O&G, PhD	Snr. Lecturer

**DEPARTMENT OF PAEDIATRICS AND CHILD HEALTH****Staff**

Name	Qualification	Rank/Position
<i>Abdul-Mumin, A.</i>	<i>MD, Specialist Paediatrician (Ankara), FGCP</i>	<i>Snr. Lecturer/HoD</i>
<i>Amponsem, A.A.</i>	<i>MBCbB, FAAP, FCCM</i>	<i>Snr. Lecturer</i>

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

Walana, W., Acquah, E. K. S., **Abdul-Mumin, A.**, Naafu, B., Aruk, E., Vicar, K. E., Kampo, S., and Ziem B. J. (2016). Pattern, Causes and Treatment Outcomes of Neonatal Admission in the Tamale Teaching Hospital. *Clinics Mother Child Health*, 13(4).

**DEPARTMENT OF PATHOLOGY****Staff**

Name	Qualification	Rank/Position
<i>Ibrahim, M.M.</i>	<i>BSc, MBCbB (Tamale), MHPE (Maastricht), MMED, PhD (Dalian)</i>	<i>Snr. Lecturer/HoD</i>
<i>Der, E. M.</i>	<i>BSc, MBCbB (Tamale), MGCP, FWACP</i>	<i>Snr. Lecturer</i>

**Publications****Der E. M.**

**Der, E.M.**, Adu-Bonsaffoh, K., Kwame-Aryee, R.A., and Akosa, B. A. (2017) Indirect Obstetrics Causes Of Maternal Death: A-20 Year Retrospective Autopsy Study At The Korle-Bu Teaching Hospital. *Postgraduate Medical Journal of Ghana*, 6, 34 – 41.

**Der, E.M.**, Quayson, S.E., and Tettey Y. (2017). The Pathological Stage At Diagnosis Of Breast Cancer In Ghanaian Women: A Retrospective Study At The Korle-Bu Teaching Hospital Accra (2001 To 2014). *Journal of cancer and tumor international*, 5, 1-9.

**Der, E.M.**, Azure, E. S., Kumassey, A.K., and Yakong, V.N. (2017). Assessing Antenatal Visits And Skilled Birth Attendant At Birth In The West Gonja District In The Northern Region Of Ghana. *British Journal of Medical and Health Research*. 4, 21- 29

- Der, E.M.,** Naaeder, S. B., Dakubo, J. N., and Gyasi, R.K. (2017). Papillary Thyroid Cancer: A Histopathological Review In Accra, Ghana. *British Journal of Medicine and Medical Research*, 20(2), 1 – 9.
- Der, E. M.,** Pathological And Clinical Findings In A Series Of 22 Cases Of Medullary Carcinoma Of The Thyroid At The Korle-Bu Teaching Hospital (1994-2013). *Pathology Discovery*, 5(1).
- Der, E. M.,** Naporu, S., Damnyag, J.B., and Akosa, A.B. (2016). Road-Traffic Related Deaths In Accra Ghana: A 10-Year Retrospective Autopsy Study At The Korle-Bu Teaching Hospital, Accra (2004 – 2013). *Journal of Forensic Pathology*, 1, 103.
- Der, E.M.,** Gyasi, R.K., and Akosa, B. A. (2016). Causes of Death In Children Under 5-Years: A 10-Year Retrospective Autopsy Review At The Korle-Bu Teaching Hospital Mortuary; Accra Ghana. (2002– 2012). *British Journal of Medical and Health Research*, 3(8).
- Der, E.M.,** Osman L., and Armah R. (2016). Caecal Schistosomiasis With Perforation: A Case Report At The Korle-Bu Teaching Hospital Accra Ghana. *Journal of Clinical Case Studies*, 1(3).
- Der, E.M.** and Gyasi, R.K. (2016). The Trend of Colorectal Cancers at Korle-Bu Teaching Hospital: A Retrospective Histopathological Study. *Journal of Cancer and Tumor International*, 4, 1-8.
- Der, E.M.,** Suta, F., Azongo, T.B.; and Kubio, C. (2016). Stillbirth At The West Gonja District Hospital In Northern Ghana. *Journal of Medical and Biomedical Sciences*, 5(1), 1-7.
- Der, E.M.,** Dakwah, I. A., Derkyi-Kwarteng, L., and Akosa, B.A. (2016). Hanging As A Method Of Suicide In Ghana: A 10 Year Autopsy Study. *Pathology Discovery*, 4(2).

## DEPARTMENT OF PHARMACOLOGY

### Staff

Name	Qualification	Rank/Position
Mohammed, B.S.	MSc, MPSGh, MSc, PhD (Aberdeen), FGhCP	Snr. Lecturer/HoD
Ameade, E.P.K.	BPharm, MPharm (Kumasi), MPSGh	Snr. Lecturer/Snr. Hall Tutor
Owusu, S.R.	BSc (Cape Coast), MPhil (Kumasi)	Lecturer

## Publications

### Ameade E.P.K

- Antwi-Adjei, M., Owusu, G., and **Ameade E.P.K.** (2017). Aqueous extract of *Lanneamicrocarpa attenuates* dextran sulphate-induced paw oedema and xylene-induced ear oedema in rodents. *International Journal of Basic Clinical Pharmacology*, 6, 1048-53.
- Amalba, A., Mohammed, B. S., **Ameade, E. P. K.**, and Woode, E. (2017). Stocking and dispensing of veterinary medicines by pharmacists in Ghana. *Pharmacy Education*, 17(1), 24 – 28.
- Ameade, E. P. K.**, and Garti, H. A. (2016). Age at Menarche and Factors that Influence It: A Study among Female University Students in Tamale, Northern Ghana. *PloS one*, 11(5).
- Ameade, E. P. K.**, and Garti, H. A. (2016). Relationship between Female University Students' Knowledge on Menstruation and Their Menstrual Hygiene Practices: A Study in Tamale, Ghana. *Advances in Preventive Medicine*.
- Ameade, E. P. K.**, and Mohammed BS (2016) Menstrual Pain Assessment: Comparing Verbal Rating Scale (VRS) with Numerical Rating Scales (NRS) as Pain Measurement Tools. *Int J Womens Health Wellness*, 2(2), 17.

## DEPARTMENT OF PHYSIOLOGY AND BIOPHYSICS

### Staff

Name	Qualification	Rank/Position
<i>Majeed, S.F.</i>	<i>BSc, MPhil (Kumasi)</i>	<i>Snr. Lecturer/HoD</i>
<i>Opore-Asamoah, K</i>	<i>BSc, MPhil (Kumasi)</i>	<i>Lecturer</i>
<i>Wezena*, C.A.</i>	<i>BSc (Kumasi), MSc (London)</i>	<i>Lecturer</i>

## Publications

### Majeed S. F.

- Opore-Asamoah, K., **Majeed, S.**, Quaye, L., Dapare, P., Mogre, V. and Adams, Y. (2017). Assessing the Prevalence Of Hypertension And Obesity Among Diabetics In The Tamale Metropolis, Ghana. *British Journal Medicine and Medical Research*, 20(9), 1–9.

**Opore-Asamoah K.**

**Opore-Asamoah, K.**, Majeed, S., Quaye, L., Dapare, P., Mogre, V. and Adams, Y. (2017). Assessing the Prevalence Of Hypertension And Obesity Among Diabetics In The Tamale Metropolis, Ghana. *British Journal of Medicine and Medical Research*, 20(9),1-9.

**Wezena C. A.**

**Wezena, C. A.**, Urscher, M., Vince, R., More, S. S., and Deponte, M., (2016). Hemolytic And Antimalarial Effects Of Tight-Binding Glyoxalase 1 Inhibitors On The Host-Parasite Unit Of Erythrocytes Infected With Plasmodium Falciparum. *Redox Biology*, 8, 348-53.

**DEPARTMENT OF RADIOLOGY**

**Staff**

<i>Name</i>	<i>Qualification</i>	<i>Rank/Position</i>
<i>Abdul, B.</i>	<i>MBCbB, MGCP</i>	<i>Lecturer/HoD</i>

**DEPARTMENT OF SURGERY**

**Staff**

<i>Name</i>	<i>Qualification</i>	<i>Rank/Position</i>
<i>Tabiri, S.</i>	<i>MD, PhD, FGCS, FACS, MEd (Cape Coast)</i>	<i>Assoc.Prof./HoD</i>
<i>Abantanga, F.A.</i>	<i>MD, Cert PaedSurg, PhD, FWACS, Cert Cardiothoracic Surg, FGCS, FICS</i>	<i>Prof.</i>
<i>Nabare, C.</i>	<i>MBCbB, FACH</i>	<i>Snr. Lecturer</i>
<i>Adam, A.</i>	<i>MD, FACH, FGCS</i>	<i>Snr. Lecturer</i>
<i>Buunaaim, A.</i>	<i>MBCbB, MHPE, MMed, FCS (ECSA)</i>	<i>Snr. Lecturer</i>
<i>Kyereh, M.</i>	<i>MBCbB, FWACS, FGCS</i>	<i>Snr. Lecturer</i>
<i>Afoko, A.A.</i>	<i>MD, Cert Urological Surgery, PhD,</i>	<i>Snr. Lecturer</i>
<i>Kuubiere, C.</i>	<i>BSc, MBCbB, FACH</i>	<i>Snr. Lecturer</i>
<i>Yenli, E.M.T.</i>	<i>MBCbB, MGCS, FGCS</i>	<i>Snr. Lecturer</i>

**Publications**

**Abantanga F. A.**

**Abantanga F.** and Boakye-Yiadom K. (2016). Mortality Of Emergency Abdominal Surgery In High-, Middle- And Low-Income Countries. *British Journal Surgery*, 103, 971 – 988.

- Abantanga F.** et al. (2016) Determinants Of Morbidity And Mortality Following Emergency Abdominal Surgery In Children In Low-Income And Middle-Income Countries. *BMJ Global Health*.
- Stewart, B. T., Quansah, R., Gyedu, A., Boakye, G., **Abantanga, F.**, Ankomah, J., Donkor, P. and Mock, C.(2016) Serial Assessment Of Trauma Care Capacity In Ghana In 2004 And 2014. *JAMA Surgery*, 151(2), 164.
- Gyedu, A., **Abantanga, F.**, Boakye, G., Gupta, S., Otupiri, E., Agbeko, A. E., Kushner, A. and Stewart, B. (2016). Barriers To Essential Surgical Care Experienced By Women In The Two Northernmost Regions Of Ghana: A Cross-Sectional Survey. *BMC Womens Health*, 16, 27.
- Gyedu, A., Boakye, G., Dally, C. K., Agbeko, A. E., **Abantanga, F. A.**, and Kushner, L. (2017). Assessment Of Barriers To Essential Surgical Care In Two Communities In The Upper West Region, Ghana. *Journal of Health Care for the Poor and Underserved*, 28(1), 175-90.
- Gyedu, A., Gaskill, C., Boakye, G. and **Abantanga, F.** (2017). Cost-Effectiveness of A Locally Organized Surgical Outreach Mission: Making A Case For Strengthening Local Non-Governmental Organizations. *World Journal of Surgery*
- Tabiri S.**
- Tabiri S.**, Akanbong, P., and Braimah, B. A. (2016). Assessment Of The Environmental Risk Factors For A Gastric Ulcer In Northern Ghana. *Pan African Medical Journal*, 25.
- Tabiri S.**, et al. (2016). Mortality of Emergency Abdominal Surgery In High-, Middle And Low-Income Countries. *British Journal of Surgery*,103, 971–988.
- Tabiri S.**, Akanbong, P., Atiku, A. (2016). Upper Gastrointestinal Endoscopic Findings in Patients Presenting To Tamale Teaching Hospital, Ghana. *Unified Journal of Medicine and Medical Sciences*, 1(2), 6- 11.
- Tabiri S.**, et al. (2016). District-Level Hospital Trauma Care Audit Filters: Delphi Technique For Defining Context-Appropriate Indicators For Quality Improvement Initiative Evaluation In Developing Countries, 17(60).
- Shamudeen, A. M.,and **Tabiri, S.** (2016). Decision Support Tools In Medicine: Evidence-Based Medicine Approach in Tamale Teaching Hospital. *Postgraduate Medical Journal of Ghana*,5(2), 74-78.

**Student Population:**

## Student Admission by School and Gender

SMHS	Medicine		Anaesthesia		Total
	Male	Female	Male	Female	
PBL 1	152	72	-	-	224
PBL 2	98	40	7	1	146
PBL 3	85	55	10	3	153
Clinical Year 1	70	47	32	12	161
Clinical Year 2	49	33	-	-	82
Clinical Year 3	50	31	-	-	81
Total	504	278	49	16	847

**Student Admission Year on Year**

Year	Medicine		Anaesthesia		Total
	Male	Female	Male	Female	
2014/2015	85	55	32	12	184
2015/2016	94	40	10	3	147
2016/2017	58	32	7	1	98

**Asirifi A**

Nuertey, B. D., Gumanga, S. K., Kolbila, D., Malechi, H., **Asilfi, A.**, Konsosa, M., Dawuni, V. A., Duodu, E., Osei-Posu, G., and Mahama, I. B. (2017) External Structural Congenital Anomalies Diagnosed At Birth In Tamale Teaching Hospital. *Postgraduate Medical Journal of Ghana*, 6(1), 24-29.

**SCHOOL OF ALLIED HEALTH SCIENCES****Introduction****Collaborations**

SAHS-UDS collaborates with

- a) PXL University in Belgium in a broad spectrum of programmes focused on promoting expansion of access to health care education and exchange of knowledge. The key areas of collaboration include, but not limited to:
  - i) Exchange of Faculty members and Students on reciprocal basis;



- ii) Collaboration in teaching and learning, curriculum development, community service, and research;
- iii) Exchange of academic materials, publications and other relevant information.

As a result of the collaboration, seven nursing students of PXL University underwent a 7- week clinical experience exchange programme at the Tamale Teaching Hospital.

- b) SAHS also has collaboration with the University of British Columbia (UBC), Okanagan for the past sixteen years. The trust of the collaboration is to enhance nursing education, capacity building and exchange programmes. Over the years, a number of staff have benefitted in capacity building from this collaboration. The current nurse practitioner evolved as a result of this collaboration. A one thousand Canadian dollar (CDN \$1000.00) Scholarship per annum has been instituted and awarded to an M.Phil. student of SAHS whose research area is in Maternal and Child Health. As part of the SAHS and UBC collaboration, a number of seminars were facilitated by visiting professors/lecturers from UBC for staff of SAHS during the period under the review. These seminars were on:
  - i) “Connecting Across Difference: Speaking Peace in times of Conflict”
  - ii) “Building Healthy Preceptorship”
  - iii) “Why Design Matters: Making Design and Research Approaches That Support Them”
- c) Le Mete Onlus and University for Development Studies, School of Allied Health Sciences have entered into an agreement for the purpose of sharing information, promoting access to teaching and learning materials, supporting research in health care with particular emphasis on children and other identifiable vulnerable groups. Le Mete Onlus Italia (Le Mete) and its Ghanaian wing, Le Mete Ghana (LMG) are non-profit, non-governmental organizations (NPO, NGO) which seek to promote the delivery of health care to children especially, and other vulnerable and underserved groups such as women and fistula patients, by harnessing resources from voluntary donors.

## Departments

- i. Department of Nursing
- ii. Department of Midwifery
- iii. Department of Nutritional Sciences

- iv. Department of Biomedical Laboratory Sciences
- v. Department of Public Health
- vi. Department of Paediatric Nursing
- vii. Department of Behavioural Sciences
- viii. Department of Health Science Education

### Programmes

- i. B.Sc. Biomedical Laboratory Science
- ii. Doctor of Medical Laboratory Science
- iii. B.Sc. Community Nutrition
- iv. M.Sc./M.Phil. Public Health Nutrition

### Student Profile

The School had a student population of two thousand, three hundred and thirty-eight (2,338) during the 2016/2017 academic year consisting of one thousand, one hundred and thirty-five (1,135) males and one thousand, two hundred and three (1,203) females. Summary of the student profile is shown in the Table below.

#### SAHS Student population by Gender

Department	Male	Female	Total
Nursing	372	349	721
Midwifery	1	396	397
Community Nutrition	234	235	479
Biomedical Laboratory Sciences	351	158	509
Community Health	54	16	70
Health Science Education	123	39	162
<b>TOTAL</b>	<b>1135</b>	<b>1203</b>	<b>2338</b>

### Office of the Dean

#### Staff

Name	Qualification	Rank/Position
<i>Amidu, N.</i>	<i>B.Sc. (Kumasi), M.Phil. (Kumasi), Ph.D. (Kumasi)</i>	<i>Snr. Lecturer/ Dean</i>
<i>Aryee, P. A.</i>	<i>B.Sc. (Ghana), MMedSc (Sheffield), M.Phil. (Ghana), Ph.D. (Southampton)</i>	<i>Snr. Lecturer/ Vice Dean</i>
<i>Yahaya, W.</i>	<i>B.Ed. (Cape Coast), MPH (Kumasi), ChPA (Accra)</i>	<i>Snr. Asst. Registrar</i>
<i>Abubakari, A.</i>	<i>BA (Tamale), M.Sc. (Ghent), Ph.D. (Heidelberg)</i>	<i>School Examinations Officer</i>

**DEPARTMENT OF NURSING****Staff**

<b>Name</b>	<b>Qualification</b>	<b>Rank/Position</b>
<i>Azongo, T.B.</i>	<i>BA, MPH, Ph.D. (Ghana)</i>	<i>Snr. Lecturer/ HoD</i>
<i>Mahamah, M.M.</i>	<i>SRN (Tamale), DHSE, B.Ed. (Cape Coast), M.Sc. (Kumasi)</i>	<i>Lecturer</i>
<i>Abugre, D.</i>	<i>DHSE, B.Sc. (Cape Coast), MPH (Ghana)</i>	<i>Lecturer</i>
<i>Ziba, F.A.</i>	<i>B.Sc.(Tamale), MA (Maastricht)</i>	<i>Lecturer</i>
<i>Nukpezah, R. N.</i>	<i>B.Sc.(Tamale), PDPN (Belgium), MA (Maastricht)</i>	<i>Lecturer</i>
<i>Aarah-Bapuah, M.</i>	<i>B.Sc. (Tamale), M.Phil. (Ghana)</i>	<i>Asst. Lecturer</i>
<i>Boakye, N. P.</i>	<i>B.Sc. M.Phil. (Ghana)</i>	<i>Asst. Lecturer</i>

**Publications****Azongo, T. B.**

Agani, A., **Azongo, T. B.** and Yakong, V. N. (2017). Perception and Knowledge on Triage of Nurses Working in Emergency Departments of Hospitals in the Tamale Metropolis, Ghana. *Journal of Nursing and Health Science*, 6 (3), 59-65.

**Aarah-Bapuah, M.**

Konlan, K. D., **Aarah-Bapuah, M.**, Kombat, J. M. and Wuffele, G. M. (2017). Patterns of behavior: decision-making processes within households on the use of the treated B.Ed. nets. *International Journal of Information Research and Review*, 4(3), 3869-3875.

Konlan, K. D., **Aarah-Bapuah, M.**, Kombat, J. M. and Wuffele, G. M. (2017). The level of nurse's knowledge on occupational post exposure to hepatitis B infection in the Tamale metropolis. *BMC Health Services Research*, 1-7

Konlan, K. D., Kombat, J. M., Wuffele, G. M. and **Aarah-Bapuah, M.** (2016). Knowledge and attitudes of midwives on the use of Partogram - A study among midwives in the Tamale Metropolis. *Maternal Health, Neonatology and Perinatology*, 1-4.

Diema, K. K., Moam, K. K., **Aarah-Bapuah, M.** and Asibi, A. J. (2017). Barriers to sustained use of the Insecticide treated B.Ed. net in the upper-East region of Ghana. *International Journal of Community Medicine and Public Health*, 500-505.

**Nukpezah, R.N.**

**Nukpezah, R. N.**, Kumoji, H. and Afoko, V. (2016). Knowledge of Malaria Preventive Strategies among Pregnant Women in Tamale Metropolis, Ghana. *Elixir Gynaecology*, 38901-38908

**Nukpezah R. N.**, Yahaya W., Mensah, W., Salifu, M. K., Akake, L. A. and Wuffele, G.(2016).Assessing Guardians' Satisfaction about Child care Services at Central and West Hospital of Tamale Metropolis, Ghana. *Elixir Gynaecology*, 40570-40576

**Ziba, F. A.**

Yakong, V. N.,Dapare, P., Boateng, B., Shittu, S. O., **Ziba, F. A.**, Sakyi-Djan, I. and Baidoo, F. (2016). Obesity and Hypertention among Market Women in the Tamale Metropolis. *Journal of Medical and Biomedical Sciences*, 1-8.

**DEPARTMENT OF MIDWIFERY**

**Staff**

<b>Name</b>	<b>Qualification</b>	<b>Rank/Position</b>
<i>Yakong, N. V.</i>	<i>Dip NP (Tamale), BSN, MSN/Ph.D (Okanagan)</i>	<i>Lecturer/HoD</i>
<i>Hamidu, H.</i>	<i>Dip NP (Tamale), BSN (Okanagan), M.Sc.(Maastrich)</i>	<i>Asst. Lecturer</i>
<i>Kumoji, H.</i>	<i>Diploma (Ghana), B.Ed(Cape Coast), PGDip (Belgium), M.Sc. (Tamale)</i>	<i>Asst. Lecturer</i>
<i>Wuffele, G. M.</i>	<i>Diploma (Ghana), RM (Kumasi), B.Sc.(Tamale), M.Phil. (Ghana)</i>	<i>Asst. Lecturer/Clinical Quality Assurance Coordinator</i>

**Publications**

**Yakong, N. V.**

**Yakong, V. N.** and McPherson, N. (2016). Maternal Health Services Miss the Mark: An Ethnographic Case Study in Rural Ghana. In McPherson, N. (ed). *Missing the Mark? Women and the Millennium Development Goals in Africa and Oceania*. Demeter Press: Ontario, CA, 176-211.

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**Wuffele, G. M.**

Konlan, K. D., Aarah-Bapuah, M., Kombat J. M. and **Wuffele, G. M.** (2017). The level of nurses' knowledge on occupational post exposure to hepatitis B infection in the Tamale Metropolis, Ghana. *BMC Health Services Research BMC series – open, inclusive and trusted*, 17:254.

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**DEPARTMENT OF PUBLIC HEALTH**

**Staff**

Name	Qualification	Rank/Position
Wombeogo, M.	B.A.(Ghana),PgC, M.A, DLit ET Phil (South Africa), M.A, Ph.D.(Ashbourne), M.A.(Canbourne), UKPGIPN (Belgium)	Snr. Lecturer/HoD
Adokiya, M. N.	B.Sc.(Tamale), MPH (Kumasi), PG. Cert (USA), DSc, Ph.D. (Heidelberg)	Snr. Lecturer
Boakye-Yiadom, A.	B.Sc., M.Sc.(Kumasi)	Lecturer
Habib, I.	B.Sc.(Tamale), M.Phil. (Ghana)	Lecturer

**Publications**

**Wombeogo, M.**

**Wombeogo, M.** (2017). The essence of complementary pain relief methods in modern nursing in Ghana: the concerns of patients and nurses. *American Journal of Nursing*, 69 (1022):38-50.

**Wombeogo, M.** and Azongo, T. B. (2017). A study on the impact of integrating comprehensive physical assessment into nursing practice in Ghana. *Journal of Nursing and Health Science*, 10 (4), 87-103.

**Wombeogo, M.**, Azongo, T. B. and Yakong, V. N. (2016). Bio-psycho-social impacts and challenges of Obstetric Fistula on Women in Northern Ghana. *Journal of Nursing and Health Science*, 77-88.

**Adokiya, M. N.**

**Adokiya, M. N.** and Awoonor-Williams, J. K. (2016). Ebola virus disease surveillance and response preparedness in northern Ghana. *Epub*, 9, 29763.

**Adokiya, M. N.**, Awoonor-Williams, J. K., & Beiersmann, C. M. O. (2016). Evaluation of the reporting completeness and timeliness of the integrated disease surveillance and response system in northern Ghana. *Ghana medical journal*, 50(1), 3.

**Boakye-Yiadom, A.**

**Boakye-Yiadom, A.**, Yidana, A., Bellua, N. S., Kolog, B. and Abotsi, A. (2016). Factors Associated with Exclusive Breastfeeding Practices among Women in the West Mamprusi District in Northern Ghana: A Cross-Sectional Study. *Public Health Research*, 6(3), 91-98.

Yidana, A., **Boakye-Yiadom, A.** and Osei, M. (2016). Tobacco Use and Its Socio-Cultural Dimension among Male Adults in Northern Ghana *Public Health Research*, 6(2): 64-68.

**Boakye-Yiadom, A.**, Yidana, A., Alugsi, S., Puekapan, M., & Kayan, J. (2016). Knowledge of the Standard Days Method as Family Planning Method among Family Planning Service Providers in Northern Ghana. *Journal of Public Health*, 2 (8).

## DEPARTMENT OF PAEDIATRIC NURSING

### Staff

Name	Qualification	Rank/ Position
<i>Afoko, V.</i>	<i>M.Sc. (Ghana), IPN (Belgium), BA (Ghana), SRN (Kumasi)</i>	<i>Lecturer/HoD</i>
<i>Kombat, J.</i>	<i>M.Sc. (Kumasi), IPN (Belgium), B.Sc. (Legon)</i>	<i>Lecturer</i>
<i>Nukpezah, R.</i>	<i>MHP (Egypt-Maastricht), IPN (Belgium), B.Sc. (Tamale), Dip (Tamale)</i>	<i>Lecturer</i>

**DEPARTMENT OF BIOMEDICAL LABORATORY SCIENCES****Staff**

<b>Name</b>	<b>Qualification</b>	<b>Rank/Position</b>
Quaye, L.	B.Sc.(Kumasi), M.Phil. (Kumasi)	Lecturer/Ag. HoD
Amidu, N.	B.Sc. (Kumasi), M.Phil. (Kumasi), Ph.D.(Kumasi)	Snr. Lecturer
Saaka, M.	Dip.(Ghana),M.Sc.,(Westminster)	Lecturer
Mumuni, A.N.	B.Sc.(Tamale), M.Sc.,(Aberdeen), Cert. NIR (Edinburgh), Ph.D.(Glasgow)	Lecturer/SAHS QA Officer
Antuamwine, B. B.	B.Sc.(Kumasi), M.Sc., (Sweden)	Asst. Lecturer/ Dept. QA Officer

**Publications****Quaye, L.**

Opore-Asamoah, K., Majeed, S. F., **Quaye, L.**, Dapare, P. P. M., Mogre, V., Adams, Y., Kwaw, E., Kyere, R., Grunisky, L. A. and Shafiat, S. O. (2017). Assessing the Prevalence of Hypertension and Obesity among Diabetics in the Tamale Metropolis, Ghana. *British Journal of Medicine & Medical Research*, 20(9), 1-9.

**Quaye, L.**, Owiredo, W.K.B.A., Amidu, N., Adams, Y. and Huseini, A. W. (2016). Evaluation of HIV therapeutic agents on immunological, lipid and lipoprotein indices in Ghanaian HIV-1 infected patients. *Journal of Medical and Biomedical Sciences*,5(3): 13-27

Owiredo, W.K.B.A., Kotey, A., Laing, E. F.,Frempong, M. T., Abledu, J. K., Amidu, N.,**Quaye, L.** and Opoku-Okrah, C. (2016). Haemato-biochemical basis of anaemia in Agogo, Ashanti Region, Ghana. *Journal of Medical and Biomedical Sciences*,5(3),1-12.

Obirikorang, C., **Quaye, L.**, Osei-Yeboah, J., Odame, E. A. and Asare, I. (2016). Prevalence of metabolic syndrome among HIV-infected patients in Ghana: a cross-sectional study. *Nigerian Medical Journal*, 57(2), 86-90.

**Amidu, N.**

Alidu, H., **Amidu, N.**, Owiredo, W.K.B.A., Gyasi-Sarpong, C.K., Bawah, A.T., Dapare, P.P.M. and Prempeh, E.B.A. (2017). Testosterone and Its Bioactive Components Are Associated with Libido and the Metabolic Syndrome in Men. *Advances in Sexual Medicine*, 7(2), 105.

- Alidu, H., Owiredu, W.K., **Amidu, N.**, Gyasi-Sarpong, C.K., Dapare, P.P.M., Bawah, A.T., Luuse, A.T. and Prempeh, E.B.A. (2017). Alcohol Consumption is Associated with Hypogonadism and Decreased Sexual Function in Ghanaian Diabetics. *Advances in Sexual Medicine*, 7(3), 121.
- Alidu, H., Owiredu, W.K.B.A., **Amidu, N.**, Dapare, P.P.M., Bawah, A.T., Gyasi-Sarpong, C.K. and Obirikorang, C. (2017). The Metabolic Syndrome and Sexual Dysfunction in a State of Inflammation. *Advances in Sexual Medicine*, 7(2), 82.
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**Antuamwine, B. B.**

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**Dapare, P. P. M.**

- Alidu, H., Amidu, N., Owiredu, W. K. B. A., Gyasi-Sarpong, C. K., Bawah, A. T., **Dapare, P. P. M.** and Prempeh, E. B. A. (2017). Testosterone and Its Bioactive Components Are Associated with Libido and the Metabolic Syndrome in Men. *Advances in Sexual Medicine*, 7 (2), 105.
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**DEPARTMENT OF NUTRITIONAL SCIENCES****Staff**

<b>Name</b>	<b>Qualification</b>	<b>Rank/Position</b>
<i>Abizari, A-R.</i>	<i>B.Sc.,(Tamale), M.Sc.,(Wageningen), Ph.D.,(Wageningen)</i>	<i>Snr. Lecturer/HoD</i>
<i>Saaka, M.</i>	<i>B.Sc., (Ghana),MMedSc(Sheffield), Ph.D.(Perth)</i>	<i>Snr. Lecturer/ Postgraduate Coordinator</i>
<i>Aryee, P. A.</i>	<i>B.Sc., M.Phil.(Ghana),MMedSc(Sheffield), Ph.D.(Southampton)</i>	<i>Snr. Lecturer/Vice Dean</i>
<i>Wemakor, A. K.</i>	<i>B.Sc., (Tamale), M.Sc., (Ghent), Ph.D. (Ulster)</i>	<i>Lecturer/Dept. QA Officer</i>
<i>Abubakari, A.</i>	<i>B.Sc., (Tamale), M.Sc.,(Ghent), Ph.D.(Heidelberg)</i>	<i>Lecturer/SAHS Exams Officer</i>
<i>Garti, H.</i>	<i>B.Sc., (Kumasi), M.Sc.,(Kumasi), Ph.D.(Newcastle Upon Tyne)</i>	<i>Lecturer</i>
<i>Abu, N.</i>	<i>B.Sc.,(Cape Coast), M.Sc.,(Ghana)</i>	<i>Lecturer</i>
<i>Daari, K.</i>	<i>B.Sc., (Ghana),M.Sc.,(Aberdeen)</i>	<i>Lecturer</i>
<i>Kubuga, C. K.</i>	<i>B.Sc., (Tamale), M.Sc., (Ghent)</i>	<i>Lecturer</i>
<i>Garti, H. A.</i>	<i>B.Sc., (Tamale), M.Sc., (Southampton)</i>	<i>Lecturer</i>
<i>Agure, S.</i>	<i>B.Sc.,(Accra), M.Phil.(Ghana)</i>	<i>Lecturer</i>
<i>Atosona, A.</i>	<i>B.Sc., (Tamale),M.Phi.l(Kumasi)</i>	<i>Asst. Lecturer</i>

**Publications****Abizari, A-R.**

- Abizari, A-R.**, Azupogo, F. and Brouwer, I. D. (2017). Subclinical inflammation influences the association between vitamin A and iron status among schoolchildren in Ghana. *PLoSOne*, 12(2), e0170747.
- Ali, Z., Saaka, M., Adams, A. G., Kamwininaang, S. K. and **Abizari, A-R.** (2017). The effect of maternal and child factors on stunting, wasting and underweight among preschool children in Northern Ghana. *BMC Nutrition*, 3(1), 31.
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- Saaka, M.**
- Saaka, M. and Galaa, S. Z.** (2017). How is dietary diversity related to haematological status of preschool children in Ghana? *Food & Nutrition Research*, 61(1):
- Saaka, M., Aryee, P.A., Kuganab-lem, R., Ali, M. and Masahudu, A. R.** (2017). The effect of social behavior change communication package on maternal knowledge in obstetric danger signs among mothers in East Mamprusi District of Ghana. *Globalization and Health*, 13:19.
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- Saaka, M.** (2017). Relationship between Dietary Diversity and Haematological Status of Children aged 6-59 months in Northern Ghana, *Journal of Nutritional Health Sciences*, 1,1.
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- Aryee, P. A.**
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- Saaka, M., **Aryee, P. A.**, Kuganab-lem, R., Ali, M. and Masahudu, A. R. (2017). The effect of social behavior change communication package on maternal knowledge in obstetric danger signs among mothers in East Mamprusi District of Ghana. *Globalization and Health*, 13:19.
- Ayanore, M. A., Kuganab-Lem, R. and **Aryee, P. A.** (2016). Beyond our labour pains: women experiences of informal payments and delivery room conditions at birth in the Bongo district of Ghana. *Int J Community Med Public Health*, 3 (7), 1695-1706.
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**Wemakor, A. K.**

- Opoku, B. N., Mensah, K. A., Acheampong, E., Okyere, P., Appiah-Brempong, E., Adjei, R. O. and **Wemakor, A.** (2016). Provider-Client Perception and Experiences on the National Health Insurance Scheme (NHIS) Medicines List in Both Public and Private Pharmacies in the Bantama Sub-Metro of Ashanti Region of Ghana. *Provider*, 7 (9): 57-64.

**Abubakari, A.**

- Agbozo, F., Atito, P. and **Abubakari, A.** (2017). Nutritional status of pupils attending public schools with and without school feeding programme in Hohoe Municipality. *Journal of Food and Nutrition Research*, 5 (7), 467-474.

Mahenge, B., Stoöckl, H., **Abubakari, A.**, Mbwambo, J. and Jahn, A. (2016). Physical, Sexual, Emotional and Economic Intimate Partner Violence and Controlling Behaviors during Pregnancy and Postpartum among Women in Dar es Salaam, Tanzania. *PLoS ONE*, 11(10)

**Abubakari, A.** and Jahn, A. (2016). Maternal Dietary Patterns and Practices and Birth Weight in Northern Ghana. *PLoS ONE*, 11(9).

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### **Garti, H. A.**

Mohamed, H., **Garti, H. A.**, and Aryee, P. A. (2017). Dietary assessment of pregnant teenagers in Tamale Metropolis. *Firat Tip Dergisi*, 22 (1);,21-28.

Ameade, E. P. K, and **Garti, H. A.** (2016). "Relationship between Female University Students' Knowledge on Menstruation and Their Menstrual Hygiene Practices: A Study in Tamale, Ghana," *Advances in Preventive Medicine*, Article ID 1056235

Ameade E. P. K., and **Garti, H. A.** (2016). Age at menarche and factors that influence it: A study among female university students in Tamale, Northern Ghana. *PLoS One*, 11(5).

### **Atosona, A.**

**Atosona, A.**, Larbie, C., Tandoh, M. A. and Nsiah, K. (2016). Prevalence, Risk Factors and Predictors of Diabetes-related Sexual Dysfunction. *British Journal of Medicine and Medical Research*, 17(11), 1-10.

## **SCHOOL OF BUSINESS AND LAW**

### **Introduction**

#### **Degrees Awarded**

The School runs courses that lead to the award of the following degrees:

- i) B.A and Dip.
- ii) M.Com, M.Sc., M.A.

## Departments

- i) Department of Administration and Management Studies
- ii) Department of Accountancy and Commerce
- iii) Department of Banking and Finance
- iv) Department of Law and Legal Studies
- v) Department of Procurement and Marketing

## Programmes of Study

- i) Master of Arts in Management Studies
- ii) Master of Arts in Leadership and Development
- iii) Diploma in Integrated Business Studies
- iv) Bachelor of Arts in Integrated Business Studies with options in Accounting and Management.

## DEAN'S OFFICE

### Staff

Name	Qualification	Rank/Position
<i>Awudu, Y. S.</i>	<i>B.Sc. (Ghana), M.Phil. (Ghana)</i>	<i>Snr.Lecturer/Dean</i>
<i>Nkuah, J. K.</i>	<i>Dip. Econs (UK), PD. D. GIMPA (Ghana), Grad. Dip (UK), MBA (France), FCMI, CPM, MCIMA (UK) FCE, ChPA (Ghana)</i>	<i>Snr. Lecturer/ Vice Dean</i>
<i>Pantah, A.</i>	<i>B.A. (Ghana), M.A. (Ghana)</i>	<i>Asst. Registrar</i>

### Student Enrolment - 2016/2017 Academic Year

2016/2017	Male	Female	Total
Business Studies			
Undergraduate	3,202	1,117	4,319
Post-Graduate	74	25	99
Total	3,202	1,142	4,344

**DEPARTMENT OF ADMINISTRATION AND MANAGEMENT STUDIES****Staff**

<b>Name</b>	<b>Qualification</b>	<b>Rank/Position</b>
<i>Kpinpuo, S. D.</i>	<i>B.A. (Cape Coast), M.A., PhD.(USA)</i>	<i>Lecturer/HoD</i>
<i>Nkuah, J.K.</i>	<i>Dip. Econs (UK), PG. D., GIMPA (Ghana), Grad. Dip (UK) MBA (France), FCMI, CPM, MCIMA (UK) FCE, ChPA (Ghana)</i>	<i>Snr. Lecturer</i>
<i>Wulifan, J. K.</i>	<i>B.Ed. (Cape Coast) M.Sc. (Kumasi), PhD. (Germany)</i>	<i>Lecturer</i>
<i>Akparep, J.</i>	<i>Dip. (UK) B.A., M.Phil (Tamale)</i>	<i>Lecturer</i>
<i>Ghartey, B. B.</i>	<i>Dip. Econs, Bed, PG. D. M.Phil (Cape Coast)</i>	<i>Lecturer</i>
<i>Abubakari, J.B.</i>	<i>B.A. M.Phil (Ghana)</i>	<i>Lecturer</i>
<i>Kipo, J.S.</i>	<i>PG. D., M.Sc (UK),MBA (Ghana)</i>	<i>Lecturer</i>
<i>Atami, E. B.</i>	<i>Dip., B.A. (Cape Coast), M.Sc (UK)</i>	<i>Lecturer</i>
<i>Tanyeh, J. P.</i>	<i>B.A., M.Sc. (Kumasi)</i>	<i>Asst. Lecturer</i>

**Publications****Wulifan, J. K.**

**Wulifan, J. K.,** Jahn, A., Hien, H., Ilboudo, P.C., Meda, N., Robyn, P.J., Hamadou, S.T., Haidara O., De Allegri M. (2017). Factors Associated with Contraceptive use among women of reproductive age in Rural Districts of Burkina Faso. *Journal of Health Care for the Poor and Underserved.* 28 (1), 228-247.

**Wulifan J. K.**(2016). Two decades of Unmet Need for Family Planning among Currently Married Women in Ghana and Policy Implications: A Mini Review of GDHS 1993 – 2014. *Journal of Health, Medicine and Nursing,* 29, 197 – 205.

**Wulifan J.K.,** Brenner S, Jahn A, De Allegri M.(2016). A Scoping Review on Determinants of Unmet Need for Family Planning Among Women of Reproductive Age in Low and Middle Income Countries. *BMC Women's Health,* 16 (2).

**Kpinpuo, S.D.**

Abugre, J. and **Kpinpuo, S. D.** (2017). Determinants of Academic Mentoring: Evidence from a Research University. *Educational Process: International Journal,* 6 (2), 33 – 49.

**Tanyeh, J. P.**

Bagah D.A., Angko W., **Tanyeh J.P.** (2016). Environmental Degradation and Small Scale Mining Nexus: Emerging Trends and Challenges in Northern Ghana. *Journal of Developing Country Studies*, 6 (2)

## DEPARTMENT OF ACCOUNTANCY AND COMMERCE

### Staff

Name	Qualification	Rank/Position
<i>Barwuah, B.</i>	<i>B.A. (Cape Coast) MBA (Kumasi), M.Phil. (Winneba)</i>	<i>Snr. Lecturer, HoD</i>
<i>Salakpi, A.</i>	<i>B.Ed. (Cape Coast), MBA (Kumasi), ACCA (Inter) (UK) IIA, (Ghana) CE (Ghana)</i>	<i>Snr. Lecturer</i>
<i>Alhassan, M.</i>	<i>B.Com (Cape Coast) M.Sc. (Italy) CA.(Ghana) ACCA(UK)</i>	<i>Snr. Lecturer</i>
<i>Allou, L. A.</i>	<i>B.Ed. (Cape Coast), M.Sc. (Kumasi)</i>	<i>Lecturer</i>
<i>Azaanamal T.</i>	<i>B.Sc (Ghana) MBA(Ghana)</i>	<i>Lecturer</i>
<i>Osman, I.</i>	<i>B.A. (Cape Coast,) M.Sc. (York) ACCA (UK)</i>	<i>Lecturer</i>
<i>Adam, I. O.</i>	<i>B.Sc(Ghana),M.Sc. (London) M.Sc. (Reading), ICA (Ghana)</i>	<i>Lecturer</i>

### Publications

**Osman, I.**

Peter A. B. and **Osman I.** (2016) *The Effects of Perceived Usefulness and Satisfaction on Acceptance of Procurement Practices. International Journal of Economics, Commerce and Management.* 4(1).

**Osman I.**, John G., and Abraham M. A.(2017). Examining the Effect of Internal Control Systems on Business Profitability among Selected Commercial Banks in Ghana. *Asian Research Journal of Business Management*, 4(4).

**Adam, I. O.**

**Adam, I. O.**, Effah, J. and Boateng, R. (2017). *Virtualisation of an Administrative Work Environment in Higher Education: Managing Information in a Developing Country University. Journal of Enterprise Information Management*, 30(5).



- Musah, A., Ibrahim, M. and Adam, I. O. (2017). Poverty, Income Diversification and Welfare in Ghana. *Journal of African Political Economy & Development*, 1 (1), 76 – 102.
- Adam, I. O., Musah, A. and Ibrahim, M. (2017). Putting the Cart before the Horse? Re-Examining the Relationship between Domestic Savings and Economic Growth in Selected Sub-Saharan African Countries. *Journal of African Business*, 18(1), 102-123.

## DEPARTMENT OF BANKING AND FINANCE

### Staff

Name	Qualification	Rank/Position
Anaman, D. K	B.A., EMBA (Ghana), ACCA Part (UK)	Lecturer/HoD
Awudu, S.Y.	B.Sc, M.Phil (Ghana)	Snr. Lecturer
Angko, W.	B.A., M.Phil. (Ghana) FCE, (ICEG)	Lecturer
Bangniyel, P.	B.Sc, M.Sc(UK)	Lecturer
Abubakari, R.	B.Ed. (Cape Coast), MBA (Kumasi)	Lecturer
Kanyiri, T.B.	B.Sc, M.Phil (Ghana)	Lecturer
Dumaryiri, M.	B.A., (Tamale) M.Phil (Ghana)	Lecturer
Amoako, S.	B.A., M.Phil. (Kumasi)	Asst. Lecturer

## Publications

### Anaman, D. K.

- Anaman, D. K. (2017). Savings Practices of Micro and Small Scale Enterprises in Ghana: A Case Study of Wa Municipality. *Research Journal of Finance and Accounting*, 8(4), 23-31.

## DEPARTMENT OF LAW AND LEGAL STUDIES

### Staff

Name	Qualification	Rank/Position
Fenbeti, S. M.	LLB (Ghana), LLM (Warwich), UK BL (Ghana)	Lecturer/HoD
Nsubugah, L. F.	LLB (Uganda), LLM (Stellenbosh)	Lecturer
Bagonluri, L. S.	B.Ed. (Cape Coast), LLB (Ghana), BL (Ghana)	Lecturer
Sai, F.	B.A. (Ghana), MDiv (USA), LLM (USA), PhD. (USA)	Lecturer

**DEPARTMENT OF PROCUREMENT AND MARKETING****Staff**

<b>Name</b>	<b>Qualification</b>	<b>Rank/Position</b>
<i>Sabutey, G. T.</i>	<i>B.A., MBA, PhD. (Kumasi), ICEG (Ghana)</i>	<i>Snr Lecturer/HoD</i>
<i>Naatu, F.</i>	<i>B.A., MBA (Kumasi), CIM (Post Grad) (UK)</i>	<i>Lecturer</i>
<i>Aidoo-Berko, E.</i>	<i>Dip. Ed. (Winneba), B.Sc, MBA (Kumasi), M.Sc (Cape Coast)</i>	<i>Lecturer</i>
<i>Nangpiire, C.</i>	<i>Dip. (UK), B.A. (Ghana) MBA (Netherland)</i>	<i>Lecturer</i>
<i>Dugle, G.</i>	<i>HND (Tamale), BMS (Cape Coast), M.Phil. (Tamale)</i>	<i>Asst. Lecturer</i>

**Publications****Naatu, F.**

**Naatu, F., Anafo, A.S., and Nsubugah, F.L.** (2016). An Assessment of the Application of Customer Service in Small and Medium Scale enterprises in the Wa Municipality, Ghana. *European Journal of Business and Management*, 8, 2222-1905.

**Naatu, F.** (2016). Brand Building for Competitive Advantage in the Ghanaian Jewelry Industry, *International Review for Management and Marketing*, 6 (60), 2146-4405.

**Dugle, G.**

**Akanbang, B. A. A., Yakubu, I. and Dugle, G.** (2016). Inquiry in Donor Funded Programmes in Northern Ghana: Experiences of Programme Staff. *Ghana Journal of Development Studies*, 13(1), 18-40.

**SCHOOL OF ENGINEERING****Introduction**

The School of Engineering was created in September 2015 with the mandate to train students in various engineering disciplines. Unlike others which metamorphosed from Faculties/Schools, the School of Engineering started just like the University itself without a mentor. The School of Engineering has a vision “to be a center 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”.

**DEAN'S OFFICE****Staff**

<b>Name</b>	<b>Qualification</b>	<b>Rank/Position</b>
<i>Abagale, F. K.</i>	<i>B. Sc. (Tamale), MSc. PhD (Kumasi)</i>	<i>Snr. Lecturer/Dean</i>
<i>Mohammed, A.</i>	<i>B.A. M.A. (Ghana)</i>	<i>Snr. Asst. Registrar</i>

**Departments**

- i) Department of Agricultural Engineering
- ii) Department of Mechanical and Industrial Engineering
- iii) Energy Technology Center

**Programmes**

1. B.Sc. Agricultural Engineering with specializations in
  - i) Irrigation and Drainage Engineering,
  - ii) Farm Power and Machinery Engineering,
  - iii) Soil and Water Conservation Engineering,
  - iv) Food and Post-Harvest Engineering.
2. BSc. Mechanical Engineering with specializations in
  - i) Automobile Engineering,
  - ii) Thermo-Fluids Engineering,
  - iii) Applied Mechanics Engineering
  - iv) Design and Manufacturing Engineering.

**Collaboration**

Under the period of review, the School of Engineering (SoE) has established relations/linkages with some local and international institutions to enhance research, teaching and learning. These include:

- i) Tamale Polytechnic, Tamale
- ii) Ghana Institution of Engineers
- iii) Japan Motors, Tamale
- iv) Gratis Foundation, Tamale
- v) Tamale Implement Factory, Tamale
- vi) International Institute For Water And Environmental Engineering (2iE), Burkina Faso
- vii) Wayne State University, Detroit, Michigan, USA

**DEPARTMENT OF AGRICULTURAL ENGINEERING****Staff**

<b>Name</b>	<b>Qualification</b>	<b>Rank/Position</b>
<i>Abdul-Ganiyu, S.,</i>	<i>B.Sc. (Tamale) M.Sc. Ph.D. (Kumasi)</i>	<i>Snr. Lecturer/ HoD</i>
<i>Abagale, F. K.</i>	<i>B.Sc. (Tamale) M.Sc. Ph.D. (Kumasi)</i>	<i>Snr. Lecturer</i>
<i>Kranjac-Berisavljevic, G.</i>	<i>B.Sc.(Belgrade), M.Sc. (Bari) D.Litt (St. Cl.), Ph.D. (Ghana)</i>	<i>Prof.</i>

**Research Interests****Abdul-Ganiyu Shaibu,**

- i) Exploring options for water savings in dry season irrigated rice production in the context of future climate change.
- ii) Research in to water resources development and management.
- iii) Hydrological research in surface and groundwater modelling in Watersheds.

**Abagale, Felix K.**

- i) Environmental and Related Issues
- ii) Water and Sanitation
- iii) Soil and Water Development Issues

**Publications****Abdul-Ganiyu, S.**

**Abdul-Ganiyu1, S., Benneh, K. A. and Thomas A. A. (2016).** Performance Evaluation of the Tanoso Irrigation Scheme in the Brong-Ahafo Region of Ghana. *International Journal of Scientific Engineering and Technology*, 5(6), 499-506.

**Abdul-Ganiyu, S., Ishikawa, H., Thomas, A. A. and Kranjac-Berisaljevic, G. (2016).** Effect of Different Planting Methods on Soil Moisture Content and Yield of Paddy Rice Under Rain-fed Condition in Wa West District of Upper West Region of Ghana. *International Journal of Science and Technology*.6(10).

**Abagale, F. K.**

- Adongo T. A., **Abagale F. K.** and Kranjac-Berisavljevic, G. (2016). Performance Assessment of Irrigation Schemes in Northern Ghana Using Comparative Performance Indicators. *International Journal of Scientific Engineering and Technology*. 5(4), 217-224.
- Abagale S. A., Oseni, L. A., **Abagale, F. K.** and Osei-Fosu, N. (2016). Chemical Analyses of Shea Butter from Northern Ghana: Assessment of Six Industrially Useful Chemical Properties. *Journal of Chemical Engineering and Chemistry Research*, 3(1), 953-961.
- Atta-Darkwa, T., Akolgo, G. A., Kyei-Baffour N., Agyare W. A. and **Abagale F. K.** (2016). Hydrological classification of the Besease inland valley bottom in Ghana for crop production using the water table fluctuation method. *International Journal of Water Resources and Environmental Engineering* 8(7), 81-91.

**G. Kranjac-Berisavljevic**

- Osamu, S., **G. Kranjac-Berisavljevic** Kazuhiko, T., and Gyasi, E.A., (eds.) (2017). Strategies for Building Resilience against Climate and Ecosystem Changes in Sub-Saharan Africa. Springer.
- Boafo, Y. A., Jasaw, G. S., Antwi, E.K., Kikuko, S., **Kranjac-Berisavljevic, G.**, Yeboah, R., Obeng, F., Gyasi, E.A., Takeuchi, K., (2017): The Ghana Model for Resilience Enhancement in Semiarid Ghana: Conceptualization and Social Implementation, Chapter 2 in: Osamu, S., **G. Kranjac-Berisavljevic** Kazuhiko, T., and Gyasi, E.A., (eds.) 2017. Strategies for Building Resilience against Climate and Ecosystem Changes in Sub-Saharan Africa. Springer.
- Saito O., Boafo, Y. A., **Kranjac-Berisavljevic, G.**, Yeboah, R., Mensah, A., Gordon, C., Takeuchi, K., (2017): Internationalisation and Localisation of the Ghana Model: Lessons Learned, Opportunities for Upscaling and Future Directions. In: Osamu, S., **G. Kranjac-Berisavljevic** Kazuhiko, T., and Gyasi, E.A., (eds.) (2017). Strategies for Building Resilience against Climate and Ecosystem Changes in Sub-Saharan Africa. Springer.
- Abdul-Ganiyu, S., Ishikawa H., Adongo, T.A., **Kranjac-Berisavljevic, G.** (2016). Effect of Different Planting Methods on Soil Moisture Content and Yield of Paddy Rice Under Rain-fed Condition in Wa West District of Upper West Region of Ghana. *International Journal of Science and Technology*, 6(10), 12.

**DEPARTMENT OF MECHANICAL AND INDUSTRIAL ENGINEERING****Staff**

Name	Qualification	Rank/Position
Seini, Y.I.	B.Sc. (Kumasi), M.Sc. (Sheffield), Ph.D. (Tamale)	Snr. Lecturer/HoD
Awudu, A.	M.Sc. (Russe)	Snr. Lecturer
Abankwa, O.E.	B.Sc., M.Sc. (Kumasi)	Asst. Lecturer/Exam Officer

**Publications****Seini, Y.I.**

Sulemana, M., Seini, Y.I. and Daabo, M.I. (2017). Unsteady boundary layer flow past a vertical plate in the presence of transverse magnetic field and heat source embedded in a porous medium. *Journal of Mathematical and Computational Science*, 7(3), 564-582.

Daniel, A.A. and Seini, Y.I. (2016). MHD Boundary Layer Flow past an Inclined Plate with Viscous Dissipation. *American Journal of Computational and Applied Mathematics*. 6(4), 149-161.

**Abankwa O.E.**

Abankwa E.O., Agyei-Agyemang, A., and Tawiah P. O. (2017). Impact of Noise in the Industry and Commercial areas in Ghana: Case Study of the Kumasi metropolis. *International Journal of Engineering Research and Application*. 7(7), 11-19.

Abankwa E.O., Agyei-Agyemang, A., Tawiah P.O. (2017). Noise pollution at Ghanaian Social Gatherings: The case of the Kumasi Metropolis. *International Journal of Engineering Research and Application*, 7(7), 20-27.

**FACULTY OF EDUCATION****Introduction**

The Faculty of Education (FoE) was established as a full-fledged faculty in February 2013 to lead in the University's efforts to use education for the socio-economic transformation of the country. It was established in the spirit of UDS as a multi-campus faculty with departments in all four UDS campuses that offer collaborative programmes with relevant departments and faculties. Such collaborations have enabled the Faculty to draw from existing human and material resources to provide leadership, research and

training for the re-thinking and re-modelling of education as a tool for social progress and human development. Its programmes have targeted the formal (Teacher Education Studies) and non-formal (Development Education Studies) systems of education at the Diploma, Undergraduate and Postgraduate levels.

These programmes are strategically tailored to respond to ongoing teaching and learning, research and dissemination, administration and management challenges in education as well as the educational quality and national development needs. The FoE's programmes are in the areas of Teacher Education (i.e. Early Childhood, Basic and Secondary), Development Education and Foundations Education.

## Departments

- i) Department of Health Science Education (Tamale Campus)
- ii) Department of Development Education Studies (Tamale Campus)
- iii) Department of Educational Foundations Studies (Tamale Campus)
- iv) Department of Basic Education Studies (Tamale Campus)
- v) Department of Mathematics and Science Education (Navrongo Campus)
- vi) Department of Social Science and Business Studies Education (Wa Campus)
- vii) Department of Agricultural and Consumer Sciences Education (Nyankpala Campus)
- viii) Professional Education Practice Unit (All Campuses)
- ix) Research and Projects Unit (All Campuses)

## Office of the Dean

### Staff

Name	Qualification	Rank/Position
<i>Apusigah, A. A.</i>	<i>Dip. Ed., (Winneba), B.Ed./Dip. Econs. (Cape Coast) M.ED. (LU), Ph.D. (Queens at Kingston)</i>	<i>Assoc. Prof./Dean</i>
<i>Donkor, A.K.</i>	<i>B.A.(Ghana) M.ED., Ph.D.(N. Kentucky)</i>	<i>Snr. Lecturer/Vice Dean</i>
<i>Antwi, E. A.</i>	<i>B.Ed., M.Phil. (Cape Coast)</i>	<i>Asst. Registrar/ Faculty officer</i>

**Students' Population for 2016/2017 Academic Year**

Programme	MALE	Female	TOTAL
Teacher Education Studies			
<b>Undergraduate</b>	1,978	599	2,577
<b>Postgraduate</b>	13	03	16
Development Education Studies			
<b>Undergraduate</b>	693	483	1,176
<b>Postgraduate</b>	23	09	32
Educational Foundational Studies			
<b>Undergraduate</b>	-	-	-
<b>Postgraduate</b>	60	29	89
<b>Total</b>	<b>2,767</b>	<b>1,123</b>	<b>3,889</b>

**DEPARTMENT OF HEALTH SCIENCE EDUCATION****(TAMALE CAMPUS 'A')****Staff**

Name	Qualification	Rank/Position
<i>Adokiya, M.N.</i>	<i>B.Sc.(Tamale), M.PH. (Kumasi)Ph.D (Heidelberg),</i>	<i>Snr Lecturer/HoD</i>
<i>Ibrahim, G.M.</i>	<i>B.Ed. (Cape Coast), M.A., Ph.D. (Ghana)</i>	<i>Lecturer</i>
<i>Iddrisu, A.S.</i>	<i>B.Ed. (Winneba), M.Phil. (Cape Coast)</i>	<i>Lecturer</i>
<i>Nyatsikor M. K.</i>	<i>B.Ed., M.Phil. (Cape Coast)</i>	<i>Lecturer</i>

**Students' Population for 2016/2017**

Level/Year	Number of Students		Total
	Males	Females	
<b>Level 100</b>	0	0	0
<b>Level 200</b>	0	0	0
<b>Level 300</b>	91	13	104
<b>Level 400</b>	46	26	72
<b>Total</b>	<b>137</b>	<b>39</b>	<b>176</b>

**Programmes**

- i. B.Ed. Health Science Education (approved 4 year, Full Time)



## Publications

**Adokiya, M. N.**

**Adokiya, M.N.** Baguune, B. and Ndago, J. A. (2017). Evaluation of Immunization Coverage and its associated factors among children 12-23 months of age in Techiman Municipality, Ghana. *BMC Archives of Public Health*, 75(1).

Dun-dery, F., **Adokiya, M. N.**, Walana, W., Yirkyio, E. and Ziem, J. B. (2017). Assessing the knowledge of expectant mothers on mother – to-child transmission of viral hepatitis B in Upper West region of Ghana. *BMC Infectious Diseases* 1–10.

Baguune, B., Ndago, J. A. and **Adokiya, M.N.** (2017). Immunization dropout rate and data quality among children 12-23 months of age in Ghana. *BMC Archives of Public Health* 75(1), 18.

## DEPARTMENT OF DEVELOPMENT EDUCATION STUDIES

### (TAMALE CAMPUS' B')

#### Staff

Name	Qualification	Rank/Position
<i>Sulemana A. A.</i>	<i>B. A. (Ghana), Ph.D. (Lincoln)</i>	<i>Lecturer/Ag. HoD</i>
<i>Osei-Bonsu, M.</i>	<i>B. A., M. A. and Ph.D. (Kumasi)</i>	<i>Lecturer</i>
<i>Fiadzawoo, K. J</i>	<i>B. Ed. and M.Phil. (Cape Coast)</i>	<i>Lecturer</i>
<i>Abaamah, D. A</i>	<i>B. A. (Tamale), M.Phil (Cape Coast)</i>	<i>Lecturer</i>
<i>Mohammed, A. R.</i>	<i>B. A. (Ghana), M.Sc. (London)</i>	<i>Lecturer</i>
<i>Kwoyiga, L.</i>	<i>B. A. (Tamale), M.Sc., M.Phil (Oslo),</i>	<i>Lecturer</i>

## Programmes

### Undergraduate Programmes

- i. Bachelor of Arts (BA), Development Education Studies (Four-Year, Full Time)
- ii. Diploma in Development Education Studies (Two-Year, Full Time)

### Postgraduate Programmes - Sandwich

Master of Arts/Master of Philosophy (M.A/M.Phil), Development Education Studies

**Students' Enrolment for 2016/2017 Academic Year**

Program Level 100	Male	Female	Total
Diploma in Development Education Studies	145	80	225
B.A Development Education Studies	46	22	68
Sub Total	191	102	293
Level 200			
Diploma in Development Education Studies	119	86	205
B.A. Development Education Studies	194	22	216
Sub Total	313	108	421
Level 300	129	68	197
Level 400	45	14	59
Sub Total	174	82	256
TOTAL	678	292	970

**DEPARTMENT OF BASIC EDUCATION STUDIES (TAMALE CAMPUS 'B')**

**Staff**

Name	Qualification	Rank/Position
<i>Inkoom, A.</i>	<i>B.A.(Calabar) M.Phil (Cape Coast) Ph.D (Edith Cowan)</i>	<i>Lecturer/Ag. HoD</i>
<i>Donkor, A.K.</i>	<i>B.A (Ghana) M.Ed., Ph.D (N. Kentucky)</i>	<i>Snr. Lecturer</i>
<i>Ansah, E.O.</i>	<i>B.Ed., M. Phil. (Winneba)</i>	<i>Lecturer/Faculty Exams</i>
<i>Zuberu, M.B.</i>	<i>B.Ed., M.Phil, (Cape Coast)</i>	<i>Lecturer</i>
<i>Yirbekyaa, E.K.</i>	<i>B.Ed., M.Phil, (Winneba)</i>	<i>Lecturer</i>

**Programme(s)**

**Undergraduate Programmes**

- i. Bachelor of Education in Early Childhood Care and Education (Four-Year, Full Time)
- ii. Bachelor of Education in Basic Education (Two-Year Post Diploma, Distance)
- iii. Bachelor of Education in Basic Education (Four-Year, Full Time)
- iv. Diploma in Basic Education (Sandwich)

**Students'Enrolment for 2016/2017 Academic Year**

Programme Level 100	Male	Female	Total
<b>B.Ed Early Childhood Care and Education</b>	05	11	16
<b>B,Ed Basic Education (4 year)</b>	35	33	68
Sub Total	40	44	84
Level 200			
<b>B.Ed Early Childhood Care and Education</b>	08	14	22
<b>B.Ed. Basic Education (4 Year)</b>	82	32	114
Sub Total	90	46	136
Level 300			
<b>B.Ed. Early Childhood Care and Education</b>	27	27	54
<b>B.Ed. Basic Education</b>	65	25	90
<b>B.Ed. Basic Education (2-year Post Diploma)</b>	07	04	11
Sub Total	99	56	155
Level 400			
<b>B.Ed. Basic Education (2-year Post Diploma)</b>	06	02	08
<b>B.Ed. Basic Education</b>	9	17	26
<b>B.Ed Early Childhood Care Education</b>	26	24	50
Sub Total	41	43	84
Total	270	189	459
<b>Diploma in Basic Education (Sandwich)</b>	16	7	23
Total	286	196	482

**Publications**

**Donkor, A. K.**

**Donkor, A. K. and Deni, J.K** (2016). Girl's education in Science: The challenges in northern Ghana. *Journal of Education and Social Policy*, 3 (1), 82-96.

## DEPARTMENT OF EDUCATIONAL FOUNDATIONS STUDIES (TAMALE, CAMPUS 'B')

### Staff

Name	Qualification	Rank/Position
<i>Issaka, C. A.</i>	<i>B.Ed., M.Phil (Winneba)</i>	<i>Lecturer/HoD</i>
<i>Kere, O. D.</i>	<i>Cert. Ed. Dip., B. Ed.(UK), M. Ed.M.Phil. (Cape Coast)</i>	<i>Lecturer</i>
<i>Mohammed, I.</i>	<i>B.Ed., M.Phil., Ph.D. (Mthatha)</i>	<i>Lecturer</i>
<i>Asante, T.</i>	<i>B.A., (Cape Coast), M.A.,MS., Ph.D. (Scranton)</i>	<i>Lecturer/Coordinator, Graduate Programmes</i>
<i>Quansah, J. Y. D.</i>	<i>B. Ed., M.Phil., (Cape Coast)</i>	<i>Snr. Lecturer/Coordinator, Professional Education</i>
<i>Ibrahim, M. G.</i>	<i>B. Ed. (Cape Coast), MA. (Ghana)Ph.D (Keele)</i>	<i>Lecturer</i>

### Programmes

- i. M.Ed./M.Phil. Training and Development
- ii. Post-Graduate Diploma in Education (PGDE)

### Students' Enrolment for 2015/2016 Academic Year

Post-Graduate Programmes	Male	Female	Total
LEVEL 500			
M.Ed./M.Phil. Training and Development	13	07	20
Post-Graduate Diploma in Education (PGDE)	6	04	10
Sub Total	19	11	30
Level 600			
M.Ed./M.Phil. Training and Development	29	11	40
Post-Graduate Diploma in Education (PGDE)	12	07	19
Sub Total	41	18	59
<b>Total</b>	<b>60</b>	<b>29</b>	<b>89</b>

### Publications

#### Issaka C. A.

Osman, K. D. and Issaka, C. A. (2016). Stakeholder Perception on Academic Performance of Pupils in the Junior High Schools in the Tamale Metropolis: A case study of Education Ridge Circuit; *Journal of Education*.4 (1)1

**Kere, O. D**

Abdallah Hakimand **Kere Osman Daud** (2016) Poverty Reduction Efforts in Ghana: The Experience of the European Union Micro Projects Programme in the Northern Region. *ADRRJ JOURNALS*, 2(4): 2343-6662.

Kere, O. D. (2016). Knowledge and Attitude of Teachers' Towards the Teaching of Information and Communication Technology: A Case Study of Junior High School Teachers' in the Sagnarigu District of Northern Region, Ghana. *ADRRJ Journal of Arts and Social Sciences*: 4(2), Pp. 51-95

**Quansah J. D. Y.**

**Quansah, J. D. Y.**, Fiadzawoo. K. K and Kuumaagmen, C. K (2016). Students Engagement in Social Media and its Mainstay for Teaching and Learning: The case of the Wa Nursing Training College. *American Journal of Educational Research* 4 (13), 961-969.

**Quansah, J. D. Y.**, Gayomey, J. A. and Attakora-Amaniampong, E. (2016). Professionals Dichotomous Take on Instructional Supervision Styles for Technical Institutions in Ghana. *European Scientific Journal* 12 (19) 255-264.

**DEPARTMENT OF SCIENCE AND MATHEMATICS EDUCATION  
(NAVRONGO CAMPUS)**

**Staff**

Name	Qualification	Rank/Position
<i>Pelig-Ba K. B.</i>	<i>B.Sc., Dip Ed., M.Sc., (Cape Coast), Ph.D (Reading)</i>	<i>Snr. Lecturer/HoD</i>
<i>Olalere, O. O.</i>	<i>B.Sc.Ed. (Ile-Ife), M.Ed. (Ilorin), Ph.D. (Ibadan)</i>	<i>Snr. Lecturer</i>
<i>Abukari, M.A.</i>	<i>Dip. Ed., B.Ed. (Winneba) M.Ed., Ph.D. (Japan)</i>	<i>Lecturer</i>
<i>Bornaana, C.S.</i>	<i>B.Ed., M.Phil (Cape Coast) Ph.D. (Tamale)</i>	<i>Lecturer/Dept.Exams Officer</i>
<i>Samari, J.A.</i>	<i>B.Ed., M. Phil (Winneba)</i>	<i>Lecturer/PEPU Coord</i>
<i>Alagbela, A.A.</i>	<i>B.Ed., M.Phil. (Cape Coast)</i>	<i>Lecturer</i>

**Programmes**

- i. Bachelor of Education in Science (Four-Year, Full Time)
- ii. Bachelor of Education in Mathematics (Four-Year, Full Time)

**Students' Enrolment for 2016/2017 Academic Year**

<b>Programme</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
<b>Level 100</b>			
B.Ed. Science	11	0	11
B.Ed. Mathematics	22	01	23
Sub Total	33	01	34
<b>Level 200</b>			
B.Ed. Science	26	06	32
B.Ed. Mathematics	34	02	36
Sub Total	60	08	68
<b>Level 300</b>			
B.Ed. Science	07	05	12
B.Ed. Mathematics	62	02	64
Sub Total	69	07	76
<b>Level 400</b>			
B.Ed. Science	12	08	20
B.Ed. Mathematics	26	01	27
Sub Total	38	09	47
<b>TOTAL</b>	<b>200</b>	<b>25</b>	<b>225</b>

**DEPARTMENT OF SOCIAL AND BUSINESS EDUCATION (WA CAMPUS)**

**Staff**

<b>Name</b>	<b>Qualification</b>	<b>Rank/Position</b>
<i>Teng-Zeng F.</i>	<i>Dip. Ed., B.Sc., M.Sc. (Cape Coast) Ph.d (Reading)</i>	<i>Snr. Lecturer/HoD</i>
<i>Bamora, F.N.</i>	<i>Dip. B.Ed.,(Cape Coast) PostGraduate Cert, Ph.D. (Hull)</i>	<i>Lecturer/ProgCoord.</i>
<i>Lobnibe J.Y.</i>	<i>B.Ed. (Cape Coast) M.A/MA,Ph.D. (Illinois)</i>	<i>Lecturer</i>
<i>Abdul-Kadiri, Y.</i>	<i>B.Ed., M. Phil (Cape Coast)</i>	<i>Lecturer/Coordinator, TTFPP</i>
<i>Akosewine, F. A.</i>	<i>B.A.(Tamale), MPhil (Cape Coast)</i>	<i>Lecturer/Exam Officer</i>
<i>Debrah, I.A.</i>	<i>B.Ed., M.Phil(Cape Coast)</i>	<i>Lecturer</i>
<i>Chirani, F.</i>	<i>B.Ed., M.Ed., M. Phil (Winneba)</i>	<i>Lecturer</i>

**Programmes**

- i. Bachelor of Education in Social Sciences (Four-Year, Full Time)
- ii. Bachelor of Education in Business Studies (Four-Year-Full Time)

**Students' Enrolment for 2016/2017 Academic Year**

Programme	Male	Female	Total
<b>Level 100</b>			
B.Ed. Business Studies	77	13	90
B.Ed. Social Science	102	37	139
Sub Total	179	50	229
<b>Level 200</b>			
B.Ed. Business Studies	210	46	256
B.Ed. Social Science	197	58	255
Sub Total	407	104	511
<b>Level 300</b>			
B.Ed. Business Studies	225	58	283
B.Ed. Social Science	178	33	211
Sub Total	403	91	494
<b>Level 400</b>			
B.Ed. Business Studies	117	49	166
B.Ed. Social Science	08	26	34
Sub Total	125	75	200
<b>Total</b>	<b>1,114</b>	<b>320</b>	<b>1434</b>

**DEPARTMENT OF AGRICULTURAL AND CONSUMER SCIENCES  
EDUCATION (NYANKPALA CAMPUS)**

**Staff**

Name	Qualification	Rank/Position
<i>Abujaja, A.</i>	<i>B.Ed. (Winneba) M.Phil. (Ghana)</i>	<i>Lecturer/Ag. HoD</i>
<i>Abudu, A. M.</i>	<i>B.Ed., M.Phil., (Cape Coast)</i>	<i>Senior Lecturer</i>
<i>Ibrahim, G. M.</i>	<i>B.Ed. (Cape Coast) M.A. (Ghana)</i>	<i>Lecturer</i>
<i>Iddrisu, A. S.</i>	<i>B.Ed., (Winneba) M.Phil. (Cape Coast)</i>	<i>Lecturer</i>
<i>Nyatsikor, M.K.G.</i>	<i>B.Ed. M. Phil. (Cape Coast)</i>	<i>Lecturer</i>

## Programmes

### Undergraduate

- i. Bachelor of Education in Agriculture (Four-Year, Full-Time)
- ii. Diploma in Agric Education (Sandwich)

### Postgraduate Programmes

- i. Master of Education/Master of Philosophy in Agriculture Education

#### Students' Enrolment for 2015/2016 Academic Year

Programme(s)	Male	Female	Total
Diploma in Agriculture Education (Sandwich)	00	00	00
Level 100	06	00	06
Level 200	14	01	15
Sub Total	20	01	21
B.Ed. Agriculture Science			
Level 100	22	01	23
Level 200	63	06	69
Level 300	66	01	67
Level 400	83	10	93
Sub Total	234	18	252
Post-Graduate Programmes			
M.Ed/M.Phil. Agriculture Education			
Level 500	05	02	07
Level 600	08	01	09
Sub Total	13	03	16
<b>Total</b>	<b>267</b>	<b>22</b>	<b>289</b>

## Publications

### Iddrisu, A.S

Iddrisu, A.S., Walid, B. & Wunnam, M.B. (2016). The challenges confronting the teaching and learning of practical agriculture in Tamale metropolis. *Journal of Agriculture*,3(3): 1-17

## Professional Education Practice Unit (PEPU) All Campuses

The Unit is responsible for facilitating the professional development of students of the Faculty of Education by providing them with internship opportunities and guidance for practicing and improving upon their professional knowledge, skills and attitudes in real



and stimulated environments. The mission of the Unit is to advance the intellectual and professional competencies of trainee teachers and development educators of FoE through skilled supervision and monitoring that assures the development of professional competencies. The objectives of the Unit include:

- i. The training and development of the right type of teachers and development educators, who are competent, committed and dedicated to their profession;
- ii. To provide prospective teachers and development educators with the opportunity of establishing an appropriate teacher-pupil/student and adult educator-adult learner relationship;
- iii. To provide trainees with opportunity to put theories into practice and to develop a deeper understanding of educational principles and their implication for learning;
- iv. To develop in future teachers and facilitators, skills relating to teaching and facilitation such as fluent speaking, meaningful reading, methods of teaching/facilitating techniques and the use of writing board and other teaching/learning materials; and
- v. To develop desirable professional interests, attitudes and ideas relative to the teaching profession and to display appropriate behaviour.

The activities carried-out by the Unit during the year under review are as follows:

- i. School observation
- ii. On-Campus Teaching Practice/Stimulation/Peer teaching
- iii. Off-Campus Teaching Practice /Teaching Experience
- iv. Practicum

### **International Collaborations**

- i) June 2009-December, 2016: Signed MoU on joint e-learning for Masters Students of University for Development Studies and University of Applied Sciences, Dusseldorf (Fachhochschule Düsseldorf), Germany.
- ii) March, 2017: A meeting of Faculty Staff with Prof. Emeritus Grace Hampton from Pennsylvania State University to discuss research and formation of consortium at University for Development Studies.
- iii) May, 2017: Signed MoU on Capacity building and exchange on Early Childhood Education and Research between University for Development Studies and International Child Resource Centre.

- iv) June, 2017: Signed MoU on hosting the Journal of Educational Review between Higher Education Research and Policy Network and University for Development Studies, Tamale, Ghana.
- v) June, 2017: Familiarization visit by Mr. Ebenezer Lartey, Country Director, International Child Resource Institute (ICRI) to the Faculty of Education, University for Development Studies, Tamale.

## INSTITUTE FOR DISTANCE AND CONTINUING EDUCATION

### Introduction

The Institute for Distance and Continuing Education (IDCE) is located in the Tamale 'B' Campus at Choggu near the Tamale Technical University. The Distance Learning (DL) programme is the brain child of the current Vice Chancellor Prof. Gabriel A. Teye of the University for Development Studies (UDS) and was established to provide quality tertiary education to Ghanaians who for many reasons cannot directly access the traditional campus based (face-to-face) learning.

### Staff

Name	Qualification	Rank/Position
<i>Owusu-Sekyere E.</i>	<i>Ph.D. (Accra, 2015)</i>	<i>Snr. Lecturer, Director</i>
<i>Bawa, Judith A. K.</i>	<i>M.A. (Reading, 2002)</i>	<i>Deputy Director</i>
<i>Winbilab, K. A.</i>	<i>M. Phil. (Cape Coast)</i>	<i>Snr. Asst. Registrar</i>

## INSTITUTE FOR INTERDISCIPLINARY RESEARCH AND CONSULTANCY SERVICES (IRACS)

### Introduction

The Institute for Interdisciplinary Research and Consultancy Services (IIRaCS) is a unit of UDS established in 1992. As one of the first units of UDS, it is responsible for undertaking basic, applied and action oriented research that is directly related to the development and environmental needs of Northern Ghana. To achieve its mandate, IIRaCS adopts the interdisciplinary and problem solving approach to research and capacity building in an effort to improve the quality of lives of deprived rural communities. IIRaCS therefore exists to promote research and collaboration for socio-

economic advancement in Northern Ghana in particular and Ghana as a whole. It organizes professional and capacity building support for grass-root development. Apart from its quarterly seminars, IIRaCS also organizes two annual scholarly platforms, namely, the Harmattan School and Interdisciplinary Conference in February and September respectively.

As an academic unit, part of IIRaCS mandate also includes teaching at the graduate and undergraduate levels. It runs Human Development Courses in existing taught programmes and has the approval to mount a short course in Development Action through Expressive Media, which has academic and practical component and also includes a study tour programme.

### Graduate Programmes

IIRaCS runs two Sandwich post-graduate degree programmes leading to the award of MA in Environmental Security and Livelihood Change, and MA in NGO Management and Rural Development.

### Student Population

The Institute has a total number of twenty-two (22) students in both year one and two.

#### MA Environmental Security and Livelihood Change

Year	No. of Male	No. of Female	Total
One	4	1	5
Two	4	1	5
Total	8	2	10

#### MA in NGO Management and Rural Development

Year	No. of Male	No. of Female	Total
One	3	3	6
Two	6	0	6
Total	9	3	12

**Staff**

<b>Name</b>	<b>Qualification</b>	<b>Rank/Position</b>
<i>Mahama, E. S.</i>	<i>B.A. (Ghana), M.A, Ph.D. (Reading)</i>	<i>Snr. Research Fellow/Director</i>
<i>Abubakari, A.</i>	<i>B.A., M.Phil., Ph.D. (Ghana)</i>	<i>Snr. Research Fellow/Deputy Director</i>
<i>Akudugu, M. A.</i>	<i>B.Sc. (Tamale), M.Phil. (Ghana), Ph.D. (Reading),</i>	<i>Snr. Research Fellow/ Head, Consultancy Services</i>
<i>Longi, F. Y. T.</i>	<i>B.A. Dip. Ed. (Cape Coast), M.Phil. Ph.D. (Ghana)</i>	<i>Snr. Research Fellow/Faculty Quality Assurance Officer</i>
<i>Abazaami, J.</i>	<i>B.A. (Ghana), M.Sc. (Kumasi), Ph.D. (Dortmund),</i>	<i>Research Fellow</i>
<i>Fielmua, N</i>	<i>B.Sc.M.Sc.(Kumasi), Ph.D. (Reading),</i>	<i>Research Fellow</i>
<i>Yelsang, F.D</i>	<i>B.A, M.Phil. (Tamale)</i>	<i>Research Fellow</i>
<i>Issahaku, A. R</i>	<i>B.Ed., Dip. (Winneba), M.Phil. (Ghana)</i>	<i>Research Fellow</i>
<i>Atuick, E. A.</i>	<i>B.A. (Ghana), M.Phil. (Ghana)</i>	<i>Research Fellow</i>
<i>Guo, E. (Ms.)</i>	<i>B.Sc. (Tamale) Tamale, M.Phil. (Ghana)</i>	<i>Research Fellow</i>
<i>Abagre, C. I.</i>	<i>B.A., M.Phil. (Tamale)</i>	<i>Research Fellow</i>
<i>Marley, G. N.</i>	<i>B.A. (Tamale), M.Phil. (Cape Coas</i>	<i>Asst. Research Fellow</i>
<i>Jebuni, T.S</i>	<i>B.A, M.Phil (Ghana)</i>	<i>Asst. Research Fellow</i>
<i>Braimah, M. K.</i>	<i>B.Ed., MPhil (Cape Coast)</i>	<i>Asst. Research Fellow</i>
<i>Suuk, L.</i>	<i>Dip.Ed., B.Ed. (Winneba), MPA (Ghana)</i>	<i>Snr. Asst. Registrar</i>
<i>Adongo, S. A.</i>	<i>B.Ed., Dip. Ed. (Winneba), MA. (Cape Coast),</i>	<i>Asst. Registrar</i>
<i>Wumbei, A.</i>	<i>B.Sc. (Tamale), M.Sc. (Ghent)</i>	<i>Research Fellow</i>

**Publications****Longi, F. Y. T.**

**Longi, F. Y. T.** (2016). "A Tale of Inconclusive Encounters": Finding a Lasting Solution to the Mamprusi-Kusasi Conflict in Bawku. In Steve Tonah and Alhassan S. Anamzoya (Eds), *Managing Chieftaincy and Ethnic Conflicts in Ghana*. Weoli Publishing Services, Accra. 24-255.

Mbowura, C. K. and Longi, F.Y.T. (2016). Colonia Conflicts in Contemporary Northern Ghana: A Historical Prognosis of the British Colonial Factor in the Nawuri-Gonja and Mamprusi-Kusasi Conflicts. *Legon Journal of Humanities*,27(1), 172-19.

**Fielmua, N.**

Mwingyine, D. T., Aabeyir, R., and Fielmua, N. (2017). Linking Academia and Community: Evidence from Student-Community Engagement in Ghana. *Ghana Journal of Development Studies*, 14(1), 208-230.

**Wumbei, A.**

Wumbei A., Seidu, A. and Judith B. A. K.,(2016). Community based Initiatives for Adapting to wind storm Disasters along the Black and White Volta Rivers in the Northern Region of Ghana. *Journal of Environment and Earth Science*. 6(1): 10-18.

**Akudugu, M. A.**

Akudugu, M. A. (2016). Agricultural Productivity, Credit and Farm Size in Africa: A Case Study of Ghana. *Agricultural Finance Review*, 76 (2), .288-308.

**Jebuni, T.S.**

Kwakye-Opong R. andJebuni, T.S. (2016). Semiotics of Costume in Baamaaya Dance Suite of the Dagbamba. *Journal of Performing Arts*, 5(1):138-159.

## **FACULTY OF AGRICULTURE**

### **Introduction**

The Faculty of Agriculture is located at Nyankpala Campus. The Faculty currently runs Diploma, B.Sc., degree and postgraduate programmes. The B.Sc. degree programmes are in Agricultural Technology, Agricultural Science Education, Veterinary Nursing, Family and Consumer Science and Food Processing Technology disciplines. Additionally, final year students of B.Sc. Agricultural Technology have the option of specializing in any one of Animal Science, Agric Mechanization and Irrigation Technology, Agricultural Economics and Extension, Horticulture, Agronomy, and Biotechnology.

The Diploma programmes are for prospective students who want to upgrade themselves in Agricultural Education, General Agriculture, Family and Consumer Science and Biotechnology. Students who graduate with good grades from the diploma programme are enrolled onto various levels of the B.Sc. programme depending on their final grade.

## DEPARTMENTS

The Faculty has nine (9) academic departments namely,

- a. Department of Agriculture and Consumer Science Education
- b. Department of Agricultural Economics and Extension
- c. Department of Agricultural Mechanization and Irrigation Technology
- d. Department of Agronomy
- e. Department of Animal Science
- f. Department of Family and Consumer Science
- g. Department of Biotechnology
- h. Department of Food Science and Technology
- i. Department of Horticulture

The core business engaged by Staff of the Faculty were in teaching, research and extension activities and these activities emphasized problem-solving and participatory learning approaches, geared towards integrated rural development and poverty alleviation.

## STUDENT POPULATION

### Student Admissions Year on Year

Year	Male	Female	Total
Level 100	164	61	225
Level 200	235	86	321
Level 300	278	86	364
Level 400	331	114	445
Total	1,008	347	1,355

**DEAN'S OFFICE****Staff**

<b>Name</b>	<b>Qualification(s)</b>	<b>Rank/Position</b>
<i>Nyarko, G.,</i>	<i>B.Sc., M.Sc., (Kumasi), Ph.D. (Nottingham),</i>	<i>Assoc. Prof./ Dean</i>
<i>Quainoo, A. K</i>	<i>B.Sc.,; (Cape Coast), M.Sc. (Helsinki); Ph.D. (Reading); DMS (Stratford)</i>	<i>Assoc. Prof./Vice Dean</i>
<i>Yeboah, S. O.,</i>	<i>B.Sc., (Kumasi), M.Sc. (Stuttgart)</i>	<i>Asst. Registrar/Faculty Officer</i>

**DEPARTMENT OF AGRICULTURAL ECONOMICS AND EXTENSION****Staff**

<b>Name</b>	<b>Qualification</b>	<b>Position</b>
<i>Fearon J.</i>	<i>B.Sc., (Tamale), M.Phil. (Ghana), Ph.D. (Reading)</i>	<i>Snr. Lecturer/HoD</i>
<i>Mintah, S.</i>	<i>B.Sc., (Cape Coast), M.Phil. (Tamale),</i>	<i>Asst. Lecturer</i>

**Research Interests****Fearon J.**

- i) Enquiry into Asset Limitations and Coping Strategies for Sustainable Livelihoods in Yam Farming Systems in Northern Ghana.
- ii) Achieving Environmental Sustainability (MDG7) in Northern Ghana: Post Deadline Status Assessment.
- iii) Towards Standards Improvement in Meat Handling: Institutional Analysis of the Supply Chain in Tamale.
- iv) Evaluation of Customer Satisfaction and Willingness to Pay for Value Addition in the Meat market in Tamale.

**Mintah, S.**

- i) Coping strategies among Vegetable Farmers during off season vegetable cultivation.

## DEPARTMENT OF AGRICULTURAL MECHANISATION AND IRRIGATION TECHNOLOGY

### Staff

Name	Qualification	Rank/Position
<i>Gbedzi, V.D</i>	<i>B.Sc., (Kumasi), PG. Dip, M.Sc., (Delft,)</i>	<i>Snr. Lecturer/HoD</i>
<i>Awudu, A.</i>	<i>M.Sc., (Russe)</i>	<i>Snr. Lecturer</i>
<i>Ofosu, M. A</i>	<i>M.Sc., (Russe), Ph.D. (Cape Coast)</i>	<i>Snr. Lecturer</i>
<i>Kranjac-Berisavljevic, G.</i>	<i>B.Sc., (Belgrade), M.Sc., (Bari),D. Litt (St. Cl.), Ph.D. (Ghana)</i>	<i>Prof.</i>
<i>Yawson, A.</i>	<i>M.Sc., (Bucharest)</i>	<i>Snr. Lecturer</i>
<i>Gandaa, B. Z.</i>	<i>B.Sc., (Tamale), M.Phil., (Ghana)</i>	<i>Lecturer</i>
<i>Korese, J. K.</i>	<i>B.Sc., (Tamale), M.Sc. (Hobenheim), Ph.D.(Kassel)</i>	<i>Lecturer</i>
<i>Adongo, T. A,</i>	<i>B.Sc., M.Phil., (Tamale)</i>	<i>Asst. Lecturer</i>
<i>Alenyorege, A. E</i>	<i>B.Sc., M.Phil., (Tamale)</i>	<i>Asst. Lecturer.</i>

### Research Interests

#### Gbedzi, V.D,

- i) Establishment of Sprinkler irrigation system for USAID-FTF-ATT at Wambong in the Central Gonja District of Northern Region of Ghana, July 2016

#### Kranjac-Berisavljevic, G,

- i) UrbanFood<sup>Plus</sup> Project. African-German partnership to enhance resource use efficiency in urban and peri-urban agriculture for improved food security in West African cities.
- ii) The West Africa Resilience Innovation Lab collaboration.
- iii) Waterapps; Water information services for sustainable food production in peri-urban delta areas in Ghana and Bangladesh

#### Awudu, A,

- i) Designing sustainable agricultural production systems
- ii) Structures for traditional storage of tropical crops
- iii) Potential of Renewable energy resources in Northern Ghana



**Oforu, M. A,**

- i) Anaerobic digestion of energy crops and wastes for methane generation.
- ii) Design and construction of solar dryers for fruits and vegetables.
- iii) Participating in: Production of biogas from faecal sludge – prototype digester development.

**Korese, J. K**

- i) Application of numerical methods such as Computational Fluid Dynamics (CFD) in characterizing and designing postharvest storage and drying systems.
- ii) Development and optimization of energy efficient (e.g. drying, ventilated storage etc) systems for preservation and refinement of agricultural products.
- iii) Development of demand driven innovative processed food products from indigenous fruits and vegetables.

**Gandaa, B.Z,**

- i) Efficient use of irrigation water
- ii) Design and construction of appropriate irrigation equipment

**Adongo, T. A,**

- i) Quantification and modelling of reservoir sedimentation of irrigation dams
- ii) Modelling of land use in the watersheds of irrigation dams
- iii) Modelling of soil erosion in the watersheds of irrigation dams

**Publications**

**Kranjac-Berisavljevic, G.,**

Osamu, S., **G. Kranjac-Berisavljevic** Kazuhiko, T., and Gyasi, E.A., (eds.) (2017).

Strategies for Building Resilience against Climate and Ecosystem Changes in Sub-Saharan Africa. Springer.

Boafo, Y. A., Jasaw, G. S., Antwi, E.K., Kikuko, S., **Kranjac-Berisavljevic, G.**, Yeboah, R., Obeng, F., Gyasi, E.A., Takeuchi, K., (2017). The Ghana Model for Resilience Enhancement in Semi-Arid Ghana: Conceptualization and Social Implementation, in Osamu, S., **G. Kranjac-Berisavljevic** Kazuhiko, T., and Gyasi, E.A., (eds.) (2017). Strategies for Building Resilience against Climate and Ecosystem Changes in Sub-Saharan Africa. Springer.

Saito O., Boafo, Y. A., **Kranjac-Berisavljevic, G.**, Yeboah, R Mensah, A., Gordon, C., Takeuchi, K., (2017). Internationalization and Localization of the Ghana Model: Lessons Learned, Opportunities for Up scaling and Future Directions, in Osamu, S., **G. Kranjac-Berisavljevic** Kazuhiko, T., and Gyasi, E.A., (eds.) (2017). Strategies for Building Resilience against Climate and Ecosystem Changes in Sub-Saharan Africa. Springer.

Abdul-Ganiyu, S., Ishikawa H., Adongo, T.A., **Kranjac-Berisavljevic, G.** (2016). Effect of Different Planting Methods on Soil Moisture Content and Yield of Paddy Rice Under Rain-fed Condition in Wa West District of Upper West Region of Ghana. *International Journal of Science and Technology*, 6(10), 12.

**Korese, J. K.**

**Korese, J. K.**, Sturm, B., Román, F., and Hensel, O. (2017). Simulation of transient heat transfer during cooling and heating of whole sweet potato (*Ipomoea batatas* (L.) Lam.) roots under forced-air conditions. *Applied Thermal Engineering*, 111, 1171-1178.

**Korese, J. K.** and Hensel, O. (2016). Resistance to airflow through sweet potato aerial vine components. *Applied Engineering in Agriculture*, 32(4), 483-491.

**Korese, J. K.**, Richter, U. and Hensel, O. (2016). Airflow resistance through bulk sweet potato roots. *Transactions of the ASABE*, 59(4), 961-968.

**Korese, J. K.** and Hensel, O. (2016). Experimental evaluation of bulk charcoal pad configuration on evaporative cooling effectiveness. *Agricultural Engineering International: CIGR Journal*, 18(4), 11-21.

**Adongo, T.A**

**Adongo, T. A.**, Abagale, F. K., Kranjac-Berisavljevic, G. (2016). Performance Assessment of Irrigation Schemes in Northern Ghana Using Comparative Performance Indicators. *International Journal of Scientific Engineering and Technology*, 5 (4), 217-224.

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Abdul-Ganiyu, S. Agyeman, B. K., **Adongo, T. A.** (2016). Performance Evaluation of the Tanoso Irrigation Scheme in the Brong -Ahafo Region of Ghana. *International Journal of Scientific Engineering and Technology*, 5(11), 499-506

**DEPARTMENT OF AGRONOMY****Staff**

<b>Name</b>	<b>Qualifications</b>	<b>Rank/Position</b>
<i>Badii, K.B</i>	<i>B.Sc., (Tamale), M.Phil, Ph.D. (Ghana)</i>	<i>Snr. Lecturer/ HoD</i>
<i>Addai I.K</i>	<i>B.Sc., (Tamale), M.Phil. (Kumasi), Ph.D.(Sussex)</i>	<i>Snr. Lecturer</i>
<i>Dzomeku, I.K</i>	<i>B.Sc., (Ghana), PG. Dip. (Norway), M.Sc.,(Bello), Ph.D. (Reading)</i>	<i>Assoc. Prof.</i>
<i>Sowley, N. K E.</i>	<i>B.Sc., Dip. Ed. (Cape Coast), M.Phil. (Ghana), Ph.D. (Reading)</i>	<i>Assoc. Prof.</i>
<i>Adu-Gyamfi, R.</i>	<i>B.Sc., (Tamale), M.Phil. (Ghana), Ph.D. (Reading)</i>	<i>Snr. Lecturer</i>
<i>Mahama, A.R.</i>	<i>B.Sc., Dip. Ed. (Cape Coast), M.Phil. (Cape Coast), Ph.D. (Cape Coast)</i>	<i>Snr. Lecturer</i>
<i>Avornyio, V.K</i>	<i>B.Sc., (Tamale), M.Phil. (Ghana)</i>	<i>Snr. Lecturer</i>
<i>Kankam, F</i>	<i>B.Ed. (Winneba), M.Sc., (Kumasi), Ph.D.(Gansu)</i>	<i>Lecturer</i>
<i>Kugbe, X.J.</i>	<i>B.Sc., (Cape Coast), M.Sc., (Ehime), Ph.D. (Bonn)</i>	<i>Lecturer</i>
<i>Mustapha A. S.</i>	<i>B.Sc., (Tamale), M.Sc., (Kumasi)</i>	<i>Lecturer</i>
<i>Lampsey, S.</i>	<i>B.Sc., (Cape Coast), M.Phil. (Ghana), Ph.D.(Gansu)</i>	<i>Lecturer</i>

**Research Interests****Badii, K. B.**

- i) Development of integrated management strategies for the invasive fall armyworm, *Spodoptera frugiperda*, in northern Ghana
- ii) Development of improved postharvest grain preservation and strengthened value chain to improve Prof.itability from cowpea production by small farmers in northern Ghana

**Addai, I. K.**

- i) Evaluation of mutant lines of pearl millet (*Pennisetum glaucum*), ground nut (*Arachis hypogaeae*) soybean (*Glycine max*) for improved grain quality and total grain yield in three agroecological zones of Ghana.
- ii) Regulation of carbohydrates partitioning and metabolism of the onion and shallot
- iii) Response of onion (*Allium cepa* L.) cultivars to spacing and storability in the sudan savannah agroecology of Ghana.

**Adu-Gyamfi, R.**

- i) Multiplication of planting material using Plant Tissue culture
- ii) Yam production through Yam Minisett Technique
- iii) Promoting use of NPK briquette in maize and vegetables production system.
- iv) Youth in Agriculture project

**Mahama, A. R.**

- i) Use of leguminous plants for soil fertility enhancement.
- ii) Enhancing nitrogen fixation and soil nitrogen through rhizobia inoculation and the use of phosphorus fertilizers.
- iii) Organic matter accumulation and soil fertility maintenance through the use of organic materials.

**Kubge J. X.**

- i) Soil Science, food production and food security, climate change and greenhouse gas emission

**Kankam, F. K.**

- i) Isolation and identification of toxins produced by potato *Rhizoctonia solani* AG-3 and the pathogenic mechanisms for stem canker.

**Shirley, L.**

- i) Maize yield and quality responses to soil amendment and tillage practices and the underlying mechanisms.

**Sowley, E. N. K.**

- i) Field and Postharvest pathology of root and tuber crops.
- ii) Evaluation of plant extracts for the control of pathogenic fungi. .
- iii) Epidemiology and control of *Cercospora* leaf spot disease of groundnut.

**Dzomeku I. K.**

- i) Prospects of tillage practices, soil fertility management and weed control methods for sustainable rice production in the Guinea savannah zone of Ghana. Status
- ii) Evaluation Of Effectiveness Of Maize-Soybean Integration In Managing The Devastating Effects Of *Strigahermonthica* (Del.) Benth In The Guinea Savannah Zone Of Ghana.

- iii) Impact of Agronomic practices in management of Aflatoxin in groundnuts (*Arachishypogaea* L.)

**Adu-Gyamfi, R.**

**Adu-Gyamfi, R.,** Osei, C. and Anadumba, E. (2016). Yield and earliness in bulking of some introduced cassava genotypes under moist savanna. *UDS International Journal of Development*, 3(1), 20-28.

**Badii, K. B.**

**Badii, K. B.,** Billah, M. K., Afreh-Nuamah, K. and Obeng-Ofori, D. (2016). Inservice training needs of agricultural extension agents in the management of fruit-infesting flies (Diptera: Tephritidae) in northern Ghana. *Journal of Ghana Science Association*, 16(2),7-18.

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**Addai, I. K.**

Bawa, A., **Addai, I. K.,** Abdulai, M. S and Issahaku. Al-H. (2017). Diallel Analysis and Evaluation of Parents and F1 Progenies of Maize (*Zea mays* L.) for Tolerance to Drought and Striga hermonthica (Del.) Benth in the Guinea Savanna Agro-Ecological Zone of Ghana. *American Journal of Agricultural and Biological Sciences* , 12 (1), 44.54.

**Mahama A. Rufai**

Dauda A. Salam, **Mahama A. Rufai,** Issac K. Addai and Wilson Dogbe (2016). Effect of Split Nitrogen Application on Growth and Yield of Rice (*Oryza sativa* L.) Under Irrigated Condition in the Guinea Savanna Zone of Ghana. *Elixir Agriculture* 101, 44038 – 44040.

**Kankam, F.**

Joseph Adomako, Osei Kingsley, Yaw Danso, Asante John Sackey, Bismark Abugri and **Kankam, F.** (2016). Response of five cowpea varieties to some phytonematodes under field conditions. *International Journal of Plant and Soil Science* 12(4), 1-5.

- Kankam, F.,** Long, H., He, J., Zhang C., Zhang, H., Pu, L. and Qiu, H. (2016). 3-Methylthiopropionic acid of *Rhizoctoniasolani* AG-3 and its role in the pathogenicity of the fungus. *The Plant Pathology Journal* 32(2), 85-94.
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- Lamptey, S.**
- Lamptey S.,** Li, L., Xie, J., Zhang, R., Luo, Z., Cai, L., Liu, J. (2017). Soil respiration and net ecosystem production under different tillage practices in semi-arid Northwest China. *Plant, Soil and Environment*. 63(1), 14–21.
- Lamptey, S.,** Li, L., Xie, J., Zhang, R., Yeboah,S., Antill, D. (2017). Photosynthetic response of maize (*Zea mays* L.) to nitrogen fertilization in the semi-arid Western Loess Plateau of China. *Crop Sci*. 57, 1–14.
- Lamptey, S.,** Sowley, E.N.K. and Chukeh, J. (2016). Preliminary studies on herbicide usage in Sissala West District area of Upper West, Ghana. *Ghana Journal of Horticulture*.12 (1), 14-24.
- Lamptey, S.,** Yeboah, S., Li, L. and Zhang, R. (2017). Dry matter accumulation and nitrogen concentration in forage and grain maize in dry areas under different soil amendments. *Agronomy Research*, 15.
- Liu, J., Li, L., Xie, J., Deng, C., Peng, Z. Yeboah, S., **Lamptey, S.** (2017). Soil total organic carbon and its light fractions in response to 14 years of conservation tillage. *Agricultural Research in the Arid Areas*. 35 (1), 9-13.
- Yeboah,S., **Lamptey S.,** Zhang, R. and Li, L. (2017). Conservation Tillage Practices Optimizes Root Distribution and Straw Yield of Spring Wheat and Field Pea in Dry Areas. *Journal of Agricultural Science*, 9 (6),37- 49.
- Yeboah,S., **Lamptey, S.,** Renzhi Zhang, Li, L.(2017). Spring Wheat-field Pea Rotation with Tillage Systems and Straw Retention Improves Soil Water Utilization and Reduces Carbon Emission. *Journal of Agronomy*, 16(1), 32-39.
- Achremu, K., **Lamptey, S.** and Tutu, F. (2016). Evaluating for high beta carotene variety sweet potatoes in the Guinea Savanna of Ghana. *Ghana Journal of Horticulture*. 12 (1), 64-73.

**Sowley, E. N. K.**

**Sowley, E. N. K.** (2016). Aflatoxins: a silent threat in developing countries. *African Journal of Biotechnology* 15(35), 1864-1870.

**Sowley, E. N. K.** (2016). Detection of seed to seed transmission of *Botrytis cinerea* in lettuce. *Pakistan Journal of Phytopathology*, 28(2), 115-120.

**Dzomeku, I. K.**

**K. Dzomeku, O. Illiasu, P. T. Birteeb, S. Obanyi, T. Wood** (2016). Role of Residual Biochar, Rice Husk and Rice Straw on Productivity of Maize (*Zea mays* L.) for Sustainable Soil Fertility Restoration in the Guinea Savannah Zone. *Current Agriculture Research Journal* Vol. 4(2), 131-142.

Husseini R. 1, Mahunu G K, Wireku, P 1, **Dzomeku I K** (2016). Response of Growth and Leaf Yield of *Adansoniadigitata* Seedlings to Soil Amendments and Harvesting Regimes. *Journal of Multidisciplinary Engineering Science and Technology*: Vol. 3 (12), 6114-6119.

Abdul-Wahab M. Imoro., V. R Barnes and **I.K. Dzomeku** (2016). Shading effects of baobab (*Adansoniadigitata*L.) stands on productivity of millet (*Pennisetumglaucum*L.) and sorghum (*Sorghum bicolor* L.) in farmed parklands in Northern Ghana. *Ghana Journal of Science, Technology and Development* 4 (1): 11-28.

**K. Dzomeku, E.N.K. Sowley** and I. S. Yussif (2016). Evaluation of System of Rice Intensification (SRI) For Enhanced Rice (*Oryza sativa* L.) Production in The Guinea Savannah Zone of Ghana. *Current Agriculture Research Journal* Vol. 4(1), 84-93.

## DEPARTMENT OF HORTICULTURE

### Staff

Name	Qualification	Rank/Position
Nyarko G.	Ph.D. (Nottingham),	Assoc. Prof.
Moomin, A.	M. Sc, Ph.D., (Kumasi),	Snr. Lecturer/HoD
Yidana J.A	Ph.D. (Nottingham),	Snr. Lecturer
Abubakari, A-H.	M.Sc.(London)	Snr. Lecturer
Bayor H.	M.Sc.(Canada), Ph.D. (UK)	Lecturer
Shu-aib J.S.A	M.Sc. (Kumasi), Ph.D.	Lecturer
Abubakari A-H,	M. Sc. Imp. Col, (UK),	Lecturer
Osei-Kwarteng, M.	M. Sc. (Hannover)	Lecturer
Francis A. C.	B. Sc. (Tamale), M.Phil., (Tamale),	Lecturer

## Research Interests

### Nyarko, G.

- i) Effects of NPK fertilizer and spacing on growth, yield and post-harvest quality of three chili cultivars under field conditions and protected cultivation.
- ii) Sweet potato postharvest value chain, transportation and storage.
- iii) Enhancing productivity, competitiveness and marketing of traditional African (leafy) vegetables for improved income and nutrition in West and Central Africa.
- iv) Agronomic Research of Bambara groundnut production in Northern Ghana.
- v) Urban Agriculture related research

### Abubakari, A-H.

- i) Standardization of composts using maturity, stability and quality indices: The case of sawdust and rice husk as compost feed stocks
- ii) Effects of compost and compost-biochar mixes as soil and irrigated soilless media for ornamental zinnia production
- iii) Growth and yield response of lettuce to irrigation and growth media from composted sawdust and rice husk
- iv) Assessment of the effect of biochar and compost based amendments soil properties and the performance of fresh maize
- v) On-farm utilization of biochar for soil fertility management within farmers livelihood in tamale, Ghana
- vi) Evaluating on-farm quantity and quality of organic materials for different uses in urban and peri-urban Tamale

## Publications

### Abubakari, A-H.

Abubakari, A-H., Bayor, H., Takyi, I, Chimsah, F. A., Nyarko G., Atuah L and Banful, B., (2016). Effect of Compost-Biochar Mixes and Irrigation on the Growth and Yield of Amaranthus under Two Growing Temperatures. *African Journal Agricultural Research*, 11(25), 2257-2265

### Nyarko, G.

Abujaja, A. M. and Nyarko, G. (2016). *Principles, techniques and methodologies in teaching Agricultural Science*, Reformers Ghana Ltd, Accra, 140pp



- Adzawla, W., Donkoh, S. A., **Nyarko, G.**, O'Reilly, P. J., Olbayide, O. E., Mayes, S., Feldman, A. and Azman H. R. (2016). Adoption of Bambara groundnut production and its effects on farmers' welfare in Northern Ghana. *African Journal of Agricultural Research*, 11 (7), 583 – 594.
- Adzawla, W., Donkoh, S. A., **Nyarko, G.**, O'Reilly. P., Mayes, S. (2016). Use patterns and perceptions about the attributes of Bambara groundnut in Northern Ghana. *Ghana Journal of Science, Technology and Development*. 4 (2), 56 -70.
- Donkoh, S. A., Sarpong, E. O., **Nyarko, G.** (2016). Insecticide application in vegetable production and the risk of food poisoning in Nkoranza Municipality, Ghana. *Ghana Journal of Horticulture*, 12(1), 50 – 63.
- Karg, H., Drechsel, P., Akoto-Danso, E. K., Glaser, R., **Nyarko, G.** and Buerkert, A. (2016). Food Shed and city regions food systems in two West African cities. *Sustainability*, 8, 1175.
- Stanchly, K., Lippmann, S., Woango, A., **Nyarko, G.**, Buerkert, A. (2017). Weed species structural and functional composition of okra fields and field periphery under different management intensities along the rural-urban gradient of two West African cities. *Agriculture, Ecosystem and Environment*, 237, 213 – 223.

## DEPARTMENT OF ANIMAL SCIENCE

### Staff

Name	Qualification	Rank/Position
Agbolosu, A. A.	B.Sc. (Tamale), M.Phil., Ph.D. (Ghana)	Snr. Lecturer
Teye, G. A.	B.Sc., M.Sc. (Kumasi), Ph.D. (Bristol)	Prof.
Dei, H. K.	B.Sc., Dip. Ed. (Cape Coast), M.Sc.,(Kumasi), Ph.D. (UK)	Assoc. Prof.
Naandam, J.	B.Sc., Dip.Ed., M.Phil. (Cape Coast)	Snr. Lecturer
Adzitey, F.	B.Sc. (Tamale), M.Sc. (Bristol), Ph.D. (Penang)	Snr. Lecturer
Ansah, T.	B.Sc. (Tamale), M.Sc. (Kumasi), Ph.D. (Tamale)	Snr. Lecturer
Iddriss, I. A-R	B.Sc., M.Phil. (Ghana), Ph.D. (Glasgow)	Snr. Lecturer
Addah W.	B.Sc. (Tamale), M.Sc. (Kumasi), Ph.D. (Canada)	Snr. Lecturer
Alenyorege, B.	B.Sc. (Kumasi), M.Sc. (Aberdeen)	Lecturer/HoD
Sallah, E. K.	DVM (Bulgaria)	Lecturer
Birteeb, P. T.	B.Sc., M.Sc. (Tamale)	Lecturer
Mohammed, A.	B.Sc., M.Phil. (Tamale)	Asst. Lecturer
Bawab, J.	B.Sc. (Tamale), M.Sc. (Kumasi)	Asst. Lecturer
Abu, A.	B. Sc., M.Phil. (Tamale)	Asst. Lecturer

## Research Interests

### Teye, G.A

- i) Meat Science and Technology
- ii) Food Quality, Safety Standards and Certification Schemes
- iii) Value Chain Approach in Animal production

### Agbolosu, A. A.

- i) Phenotypic and genetic characterization of indigenous guinea fowls (*Numida meleagris galeata*), pigeons (*Columba liviademestica*), turkey (*Meleagris gallopavo*) and ducks (*Anas platyrhynchos*) in Ghana.

### Alenyorege, B.

- i) Characterization of the local Ghanaian animals.
- ii) New feed resources for livestock feeding
- iii) Crop/Livestock integration systems

### Naandam, J.

- i) Incidence of tick infestation in dogs in the Sekondi-Takoradi Metropolis.
- ii) Incidence of some selected ectoparasites on small ruminants in the Tolon district of Ghana.
- iii) Analysis of budgetary support to the livestock sub-sector (2005-2015) in Ghana.

### Sallah, E. K.

- i) Causes of dystocia in small ruminants
- ii) Prevalence of bovine tuberculosis at slaughter at the Tamale abattoir
- iii) Prevalence rate, prevention and control of Newcastle disease in village poultry in the Lambussie district.

### Addah, W.

- i) Increasing the efficiency of utilization crop residues and legumes forages for ruminant production through ensiling.

### Adzitey, F.

- i) Animal science, meat processing and technology

- ii) Isolation, antibiotic resistance and control of food borne/water-borne pathogens
- iii) Food-borne pathogen identification and strain typing using molecular techniques

**Iddriss, I. A-R.**

- i) Understanding and elimination of seasonal breeding in guinea fowls.
- ii) Reproductive biology of guinea fowls.
- iii) Assessment and improvement of the guinea fowl value chain for the betterment of the rural farmer.

**Ansah, T.**

- i) In vitro digestibility and enteric methane production from animal feed resources.
- ii) Growth characteristics and nutritional quality of forages in the Northern Savanna Zone.
- iii) Climate change, nutrition and growth of ruminants in Ghana.

**Birteeb, P.T.**

- i) Characterization of indigenous domestic chicken reared under the extensive system in Gomoa West District in the Central Region of Ghana.
- ii) Price determinants in small ruminant marketing in Northern Region of Ghana.

**Bawah, J.**

- i) Small ruminant production in the dry season.
- ii) Disease prevention in livestock.

**Mohammed, A.**

- i) Nutritional improvement of false yam (*Icacinaoliviiformis*) products for poultry.
- ii) Evaluation of false yam tuber and seed liquid extracts as substitute for antibiotics in poultry production.
- iii) Evaluation of biochar in poultry production.

Abu, A.

- i) The use of orange fleshed sweet potato puree and starch as extender and binder respectively in comminuted meat products.
- ii) The use of locally available spices in comminuted meat products.

## Publications

**Abdul-Rahman, I. I.**

**Abdul-Rahman, I. I.** and Adu, Y. E. (2017). The role of the rural farmer in guinea fowl *Numida meleagris* value chain, a case study of the Tolon district. *Livestock Research for Rural Development*, 29(72).

**Abdul-Rahman, I. I.** and Bernard, A. (2017). Vigour in West African Dwarf kids within the first 24 h post-partum. *Tropical Animal Health and Production*, 49(3), 547-553.

**Abdul-Rahman, I. I.,** F.Y. Obese and Robinson, J. E. (2017). Spermatogenesis and cellular associations in the seminiferous epithelium of Guinea cock (*Numida meleagris*) *Canadian Journal of Animal Science*, 97, 241-249.

**Abdul-Rahman, I. I.,** Obese, F. Y. and Jeffcoate, I. A. (2017). Developmental changes in the histological structure of the testes, and testosterone Profiles in male guinea fowls (*Numida meleagris*). *Theriogenology*, 101, 114-122.

**Abdul-Rahman, I. I.,** Obese, F. Y., Robinson, J. E., Awumbila, B. and Jeffcoate, I. A. (2016). Effects of season on the reproductive organs and steroid hormone Profiles in guinea fowl hens. *British Poultry Science*, 57(2), 280-286.

**Abdul-Rahman, I. I.,** Robinson, J. E., Obese, F. Y., Jeffcoate, I. A. and Awumbila, B. (2016). Effects of season on reproductive organ and plasma testosterone concentrations in guinea cocks. *Poultry Science*, 95(3), 636-644.

**Abdul-Rahman, I. I.,** Samaha, P. and Yaro, M. (2016). Factors affecting growth performance of Ashanti black pigs under guinea savanna conditions. *Livestock Research for Rural Development*, 28 (2).

**Addah, W.**

**Addah, W.,** Baah, J. and McAllister, T. A. (2016). Effect of silage chop length on feed intake and feeding behaviour of finishing feedlot steers. *Acta Agricultura Scandinavica, Section A – Animal Science*, 66, 106-114.

**Addah, W.,** Baah, J. and McAllister, T.A. (2016). Effects of an exogenous enzyme-containing inoculant on fermentation characteristics of barley silage and on growth performance of feedlot steers. *Canadian Journal of Animal Science*, 96, 1-10.

- Addah, W.**, Dzewu, R. R. R. and Alenyorege, B. (2016). Effects of dietary restriction followed by high dietary energy or protein on compensatory growth of Ashanti Black Large White crossbred weaner pigs. *Tropical Animal Health and Production*, 48, 145–150.
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- McAllister, T. A., **Addah, W.**, Baah J. and Okine, E. K. (2017). Silage inoculants: Are they worth the money? *American Progressive Forage*. 3, 24–25.
- Adzitey, F.**
- Adzitey, F.** (2016). The prevention and control of bacterial foodborne hazards in meats and meat products-an overview. *Journal of Meat Science and Technology*, 4 (1), 1-10.
- Adzitey, F.**, Ashiagbor, C.N.K. and Abu, H. (2016). Prevalence and antibiotic susceptibility of *Salmonella* spp. from water sources in Tamale, Ghana. *International Journal of One Health*, 2, 24-28.
- Adzitey, F.**, Saba, C.K.S. and Teye, G.A. (2016). Antibiotic susceptibility of *Escherichia coli* isolated from milk and hands of milkers in Nyankpala community of Ghana. *Current Research in Dairy Sciences*, 8, 6-11.
- Adzitey, F.**, Birteeb, P. and Holdbrook, K.B. (2016). Quality characteristics of whole guinea fowl egg as binder in beef and chevon burgers. *Journal of World's Poultry Research*, 6 (2), 66-72.
- Bahurmiz, O.M., Ahmad, R., Ismail, N., **Adzitey, F.** and Sulaiman, S.F. (2016). Antimicrobial activity of various plant extracts on *Pseudomonas* species associated with spoilage of chilled fish. *Turkish Journal of Agriculture – Food Science and Technology*, 4(11), 1017-1023.
- Birteeb, P.T., Essuman, A.K. and **Adzitey, F.** (2016). Variations in morphometric traits of local chicken in Gomoa West District in Southern Ghana. *Journal of World's Poultry Research*, 6(3), 153-160.
- Mahaboubil-Haq, M. and **Adzitey, F.** (2016). Meat production and consumption in the Wa Municipality of Ghana. *International Food Research Journal*, 23(3), 1338-1342.
- Ossom, R.N., **Adzitey, F.** and Teye, G.A. (2016). The effect of higher levels of egg albumen as binder in beef burger. *Journal of Food Research and Technology*, 4 (1), 16-21.

Owusu, M., Sekyere, J.O. and **Adzitey, F.** (2016). Prevalence and burden of gastrointestinal parasites of Djallonké sheep in Ayeduase, Kumasi, Ghana. *Veterinary World*, 9(4), 361-364.

**Teye, G.A.**

Adzitey, F., Saba, C.K.S. and **Teye, G.A.** (2016). Antibiotic susceptibility of *Escherichia coli* isolated from milk and hands of milkers in Nyankpala community of Ghana. *Current Research in Dairy Sciences*, 8, 6-11.

Ossom, R.N., Adzitey, F. and **Teye, G.A.** (2016). The effect of higher levels of egg albumen as binder in beef burger. *Journal of Food Research and Technology*, 4 (1), 16-21.

**Ansah, T.**

**Ansah, T.**, Wilkinson, R. and Dei, H. K. (2016). Effects of tanniferous browse plant supplementation on the nutrient digestibility and growth of Djallonké rams. *International Journal of Livestock Production*, 7(12), 122-127.

**Ansah, T.**, Dogbe, W., Cudjoe, S., Abdul-Basit Iddrisu, A-R. and Eseoghene, A.S. (2017). Agronomic Performance of Five Rice Varieties and Nutritive Value of the Straw from these Varieties. *West African Journal of Applied Ecology*, 25(1), 1-10.

**Mohammed, A.**

**Mohammed, A.**, Aborchei C, Dei, H. K. (2017). Charcoal in false yam (*Icacinaoliviiformis*) seed meal-based diet: Effect on broiler growth, carcass and organ characteristics. *Research and Reviews: Journal of Veterinary Science and Technology*, 6(1), 22-25.

**Mohammed, A.**, Ayishetu S. and Dei, H. K. (2017). Effect of Saltpetre-Treated False Yam (*Icacinaoliviiformis*) Seed Meal on Feed Digestibility and Egg laying Performance of Chickens. *Research & Reviews: Journal of Veterinary Science and Technology*, 6(2), 1-5.

**Mohammed, A.** and Dei, H. K. (2017). Replacing Antibiotics with False Yam Tuber Extracts on Growth Performance, Carcass Characteristics, and Haematological Parameters of Cockerels. *Research and Reviews: Journal of Veterinary Science and Technology*, 6(1), 26-30.

**Naandam, J.**

Shuaib, M. A. H., Naandam, J., Annor, S. Y. and Birteeb, P. T. (2016). Reproductive Performance of Local Rabbits from Three Ecotypes in Northern Ghana.

*Research and Reviews: Journal of Veterinary Science and Technology*, 5(3).

Shuaib, M.A. H., Naandam, J., Annor, S. Y. and Birteeb, P. T. (2017). Effect of Coat Colour and Sex on Carcass Characteristics of Local Rabbits in Northern Region of Ghana. *Research and Reviews: Journal of Dairy Science and Technology*, 6(1).

**DEPARTMENT OF BIOTECHNOLOGY****Staff**

Name	Qualification	Rank/Position
Opoku, N.	B.Sc. (Ghana), M.Sc. (Wageningen), Ph.D. (UK)	Lecturer/HoD
Quainoo, A. K.	M.Sc. (Helsinki), Ph.D. (Reading), DMS (Stratford)	Assoc. Prof.
Saba, C. K. S.	B.Sc. (Tamale), M.Sc., Ph.D. (Madrid)	Snr. Lecturer
Kusi, A. O.	B.Sc. (Cape Coast), M.Sc. (Wolverhampton)	Lecturer
Quansah, L.	B.Sc. (Tamale), M.Sc., Ph.D. (Israel)	Lecturer
Addy, F.	B.Sc. (Tamale), M.Sc. (Nairobi)	Asst. Lecturer
Yahaya, D.	B.Sc., M.Phil. (Tamale)	Asst. Lecturer

**Research Interest****Quainoo, A. K.**

- i) Transformation of the shea tree
- ii) Agricultural by-product utilization
- iii) Research on the false yam

**Saba, C. K. S.**

- i) Isolation and identification of microorganisms from foods, animals, humans and the environment.
- ii) Risk assessment of food and related food quality and safety concerns.
- iii) Molecular bases for antimicrobial resistance in bacteria from foods, animals, humans and the environment.

**Opoku, N.**

- i) Morphological characterization of high risk aflatoxin contaminated groundnuts and their related aflatoxin levels in Ghana
- ii) Surveillance work, aflatoxin levels in groundnuts in the Northern and Upper East Regions of Ghana
- iii) Post-harvest strategies in reducing aflatoxin levels in groundnuts in the Northern and Upper East Regions of Ghana

**Obeng, A. K.**

- i) Antibiotic resistance in bacteria in honey
- ii) Bioremediation of polluted soils and water bodies
- iii) Efficacy and functional impact of antimicrobials (local herbs and spices) on bacteria

**Quansah. L**

- i) Seed treatment with various methods to enhance plant tolerance to stress
- ii) Metabolic Profiling of Bambara groundnut landraces
- iii) Assessment of vitamin C and nutrient content of tropical fruit juice under varying storage conditions

**Publications**

**Saba, C. K. S.**

**Saba, C. K. S.**, Amenyona, J. K., Kpordze, S. W. (2017). Prevalence and pattern of antibiotic resistance of *Staphylococcus aureus* isolated from door handles and other points of contact in public hospitals in Ghana. *Antimicrob Resist Infect Control*. 10(6).

Adzitey F., **Saba C. K. S.** and Teye, G. A. (2016). Antibiotic Susceptibility of *Escherichia coli* Isolated from Milk and Hands of Milkers in Nyankpala Community of Ghana. *Curr. Res. in Dairy Sci.* 8, 6-11.

**Opoku, N.**

Alale, T.Y., **Opoku, N.** and Adarkwah, C. (2017). Efficacy of aqueous False yam (*Ipomoea oliviformis*) tuber extract against Cowpea Aphids (*Aphis craccivora* Koch). *Journal of Young Investigators*, 32(4), 22 – 24.



## DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY

### Staff

Name	Qualification	Position
<i>Amagloh, F. K.</i>	<i>B.Sc. (Ghana); M.Sc. (Kumasi), Ph.D. (Massey)</i>	<i>Snr. Lecturer/HoD</i>
<i>Mahunu, G. K.</i>	<i>B.Sc. (Tamale); M. Sc. (Kumasi) Ph.D.(Jiangsu)</i>	<i>Snr. Lecturer</i>
<i>Dari, L.</i>	<i>B.Sc.(Tamale), M.Sc., Ph.D.(Kumasi)</i>	<i>Snr. Lecturer</i>
<i>Afoakwah, N.</i>	<i>B.Sc.(Tamale), M. Phil. (Ghana), Ph.D. (Jiangsu)</i>	
<i>Chipka, K. S.</i>	<i>B.Sc., M.Phil. (Tamale)</i>	<i>Lecturer</i>
<i>Alhassan, M. W.</i>	<i>B.Sc. (Tamale), M. Phil. (Kumasi)</i>	<i>Asst. Lecturer</i>

### Research Interests

#### Amagloh, F. K.

- i) Product development including the use of bio-fortified crops (e.g., orange-fleshed sweet potato, purple-fleshed sweet potato, orange maize, *etc.*).
- ii) Postharvest handling of agro produce: cereals, legumes, roots and tuber, fruits and vegetables.

#### Mahunu, G.K.

- i) Food microbiology in food safety and quality
- ii) Postharvest biological control (bio-control) of diseases of perishables (fruits and vegetables)
- iii) Postharvest plant physiology and pathology

#### Afoakwah, N. A.

- i) The structure, function and mechanism of functional components in fermented foods.
- ii) Agricultural products processing and comprehensive utilization of their by-products.
- iii) Food safety, quality control technology and toxicological evaluation research in foods.

#### Dari, L.

- i) Food and Agro Safety

- ii) Postharvest handling and storage of crops

**Chikpah, S. K.**

- i) Non - dairy product development from soybeans using fermentation processes
- ii) Applications of plant proteolytic enzymes in food processing

**Alhassan, M. W.**

- i) Food product development of animal and plant proteins
- ii) Bio-fortification of indigenous and underutilised crops.

**Publications**

**Amagloh, F. K.**

- Amagloh, F. K.**, Atuna, R. A., McBride, R., Carey, E. E., and Christides, T. (2017). Nutrient and total polyphenol contents of dark green leafy vegetables, and estimation of their iron bioaccessibility using the in vitro digestion/Caco-2 cell model. *Foods*, 6(7), 54.
- Atuna, R. A., Carey, E. E., Low, J. W. and **Amagloh, F. K.** (2017). Wound healing and dry matter content of orange-fleshed sweet potato cultivars as influenced by curing methods *Open Agriculture*, 2, 274-279.
- Atuna, R. A., **Amagloh, F. K.**, Carey, E. E. and Low, J. (2017). Sensory quality of orange-fleshed sweet potato cultivars as affected by curing and household-level storage methods. *African Journal of Food Science*, 11(1), 18-23.
- Bonsi, E. A., Zabawa, R., Mortley, D., Bonsi, C., Acheremu, K., Amagloh, F. C. and **Amagloh, F. K.** (2016). Nutrient composition and consumer acceptability of bread made with orange sweet potato puree. *Acta Horticulturae*, 1128, 7-14.
- Ayirezang, F. A., Saba, C. K. S., **Amagloh, F. K.**, and Gonu, H. (2016). Shelf life improvement of sorghum beer (pito) through the addition of *Moringa oleifera* and pasteurization. *African Journal of Biotechnology*, 15(46), 2627-2636.
- Abidin, P. E., Kazembe, J., Atuna, R. A., **Amagloh, F. K.**, Asare, K., Dery, E. K. and Carey, E. E. (2016). Sand storage, extending the shelf-life of fresh sweet potato roots for home consumption and market sales. *Journal of Food Science and Engineering*, 6, 227 - 236.

**Mahunu, G.K.**

- Quainoo, A., Gali, N. and **Mahunu, G. K.** (2017). Henna (*Lawsonia inermis*): A neglected plant in Ghana. *Ghana Journal of Horticulture* 12.
- Kwaw, E., Apaliya, M. T., Sackey, A. S., Tchabo, W. and **Mahunu, G. K.** (2017). Application of D-optimal design for optimizing *Parkia biglobosa* flour-based cookie. *Journal of Food Measurement and Characterization*, 1-9.
- Tahir, H. E., Xiaobo, Z., Mariod, A. A., **Mahunu, G. K.**, Abdul-Rahman M. A. and Tchabo, W. (2017). Assessment of antioxidant properties, instrumental and sensory aroma Profile of red and white Karkade/Roselle (*Hibiscus sabdariffa* L.). *Journal of Food Measurement and Characterization*, 1-10.
- Yang, Q., Li, Y., Li, C., Zhang, H., Jiang, Z., Zhang, X., Serwah, B. N. A., **Mahunu, G. K.** and Zhu, S. (2017). Anti-oxidative enzymes and substances involved in the activity of improving the oxidative tolerance of *Pichia caribbica* by ascorbic acid. *Biological Control*, 108, 83-88.
- Yang, Q., Wang, H., Zhang, H., Zhang X., Apaliya M. T., Zheng, X. and **Mahunu G. K.** (2017). Effect of *Yarrowialipolytica* on postharvest decay of grapes caused by *Talaromyces rugulosus* and the protein expression Profile of *T. rugulosus*. *Postharvest Biology and Technology*, 126, 15-22.
- Han, F., Huang, X., and **Mahunu, G.K.** (2017). Exploratory review on safety of edible raw fish per the hazard factors and their detection methods. *Trends in Food Science and Technology*, 59, 37-48.
- Mahunu, G. K.**, Zhang, H., Yang, Q., Zhang, X., Li, D. and Zhou, Y. (2016), Improving the bio-control efficacy of *Pichia caribbica* with phytic acid against postharvest blue mold and natural decay in apples. *Biological Control*, 92, 172-180.
- Mahunu, G. K.**, Zhang, H., Yang, Q., Li, C., and Zheng, X. (2016). Biological control of patulin by antagonistic yeast: A case study and possible model. *Critical Reviews in Microbiology*, 42(4), 643-655.
- Zhang, H., Apaliya, M. T., **Mahunu, G.K.**, Chen, L., and Li, W. (2016). Control of ochratoxin A-producing fungi in grape berry by microbial antagonists: A review. *Trends in Food Science and Technology*, 51, 88-97.
- Li, S., Yang, X., Zhang, Y., Ma, H., Liang, Q., Qu, H. W., Zhou, R. Shan C. and **Mahunu, G.K.** (2016). Effects of ultrasound and ultrasound assisted alkaline pretreatments on the enzymolysis and structural characteristics of rice protein. *Ultrasonics Sonochemistry*, 31, 20-28.

**Chikpah, S. K.**

**Chikpah, S. K.**, Ketor, H. and Ayitey, D. (2016). Effects of different blends of cow-soy milk on yield, nutritional and organoleptic characteristics of West Africa soft cheese. *Ghana Journal of Science, Technology and Development*, 4(1), 42 – 50.

**Alhassan, M. W.**

Osei, J. A., Kyeremanteng, O., **Alhassan, M. W.**, and Agbenorhevi, J. (2016). Formulation and Proximate Composition of Chips Produced from Ackee Aril-Wheat Flour Composites. *ADRRJ Journal of Agriculture and Food Sciences*, 2(9), 1-10.

Sampson, G. O., Duah, N., Gyima, V., and **Alhassan, M.** (2017). Preparation of Semi-dairy Yoghurt from Soy bean. *American Journal of Food Science and Technology*, 5(1), 1-5.

**DEPARTMENT OF FAMILY AND CONSUMER SCIENCES**

**Staff**

<b>Name</b>	<b>Qualification</b>	<b>Position/Rank</b>
<i>Gamor, G.</i>	<i>B.Sc. (Ghana ), M.Sc. (Nsukka)</i>	<i>Lecturer/Ag. HoD</i>
<i>Seidu, J. A.</i>	<i>B.Ed., M.Phil. (Cape Coast)</i>	<i>Lecturer</i>
<i>Dzramedo, B. E.</i>	<i>B.A., Ph.D.(Kumasi)</i>	<i>Lecturer</i>
<i>Halidu, R.</i>	<i>B.Ed., M.Ed. (Winneba)</i>	<i>Lecturer</i>
<i>Formandi, F. P,</i>	<i>B.Ed. (Winneba), M.A. (Hague),</i>	<i>Lecturer</i>
<i>Azupogo, F.</i>	<i>B.Sc. (Tamale), M.Sc. (Wageningen)</i>	<i>Asst. Lecturer</i>
<i>Akomaning, E. L.</i>	<i>B. Ed. (Cape Coast), M.Phil. (Winneba)</i>	<i>Asst. Lecturer</i>

**Research Interests**

**Dzramedo, B. E.**

- i) Product development and maintenance in clothing and textiles
- ii) Colour fastness effects in dyeing and printing
- iii) Recycling of used papers/fibres for craft works

**Seidu, J. A.**

- i) Enhancing Productivity, Competitiveness and Marketing of Traditional African (Leafy) Vegetables for Improve Income and Nutrition

- ii) Issues in Hospitality Management

**Gamor, G.**

- i) Food and Nutrition and Related Issues.
- ii) Revamping extinction threatened indigenous foods for food and nutrition security.

**Akumaning, E. L.**

- i) Clothing and Textiles Education
- ii) Clothing Care and Maintenance
- iii) Pattern Drafting and Adaptation

**Azupogo, F.**

- i) Dietary patterns and health/nutritional status
- ii) Evidence based food guidelines for vulnerable groups
- iii) Interventions for micronutrient problems in developing context

**Halidu, R.**

- i) Family Resource Management
- ii) Child and a Family Studies
- iii) Consumer Education and Consumerism

**Formadi, F. P.**

- i) Gender and Development
- ii) Resource Management
- iii) Food Product Development

**Publications**

**Azupogo, F.**

Abizari A-R, **Azupogo F.** and Brouwer I. D. (2017). Subclinical inflammation influences the association between Vitamin A- and anaemia status among school children in Ghana. *PLOS ONE*, 12(2).

## DEPARTMENT OF AGRICULTURAL AND CONSUMER SCIENCES

### EDUCATION

#### Staff

Name	Qualification	Position/Rank
<i>Abujaja, M.A</i>	<i>Dip. Ed., B.Ed. (Winneba), M.Phil., (Ghana)</i>	<i>Lecturer/Ag. HoD</i>
<i>Ibrahim, M.G</i>	<i>B.Ed. (Cape Coast), M.A. (Ghana), Ph.D. (Keele)</i>	<i>Lecturer</i>
<i>Iddrisu, A.S.</i>	<i>B.Ed. (Winneba), M.Phil. (Cape Coast)</i>	<i>Lecturer</i>
<i>Nyatsikor, M.K.</i>	<i>B.Ed., M.Phil. (Cape Coast), Ph.D. (UK)</i>	<i>Lecturer</i>

#### Research Interests

##### Abujaja, M.A.

- i) Agricultural Extension, Rural Development, and Gender studies.

##### Ibrahim, M.G.

- i) Educational Leadership and Management (including Behaviour Management in schools)
- ii) Teacher `Professional Development
- iii) Educational policy-making and policy studies.

##### Iddrisu, A.S.

- i) Educational assessment, training and development

##### Nyatsikor, M.K.

- i) Educational Psychology and Achievements

#### Publications

Abujaja, M.A., Nyarko, G. (2016). Principles, Techniques and Methodologies in Teaching Agricultural Science (Revised Edition). *Reformers Company Ltd. Accra.*

## FACULTY OF NATURAL RESOURCES AND ENVIRONMENT

### Introduction

The Faculty of Renewable Natural Resources became a full-fledged Faculty in the 2009/2010 academic year. The core mandate of the Faculty is teaching, research, and extension services. In June 2016 it was successful rebranded, from Faculty of Renewable

Natural Resources (FRNR) to Faculty of Natural Resources and Environment (FNRE) being the pioneer in such area of academic excellence in the University. This was announced during the 2016/2017 matriculation in the Vice Chancellor's address.

As part of its mandate, we train the needed manpower for sustainable management and utilization of the country's savanna ecosystems and the natural resources in general for national development. The Faculty runs a 4-year Bachelor of Science degree in Renewable Natural Resources programme.

Presently, suggestions and comments on the Bachelor of Science degree in Fisheries and Aquaculture Technology and Master of Philosophy in Fisheries programmes have been addressed and submitted to the National Council for Tertiary Education (NCTE) for approval to mount them. The Faculty has also developed other postgraduate and undergraduate programmes in the areas listed below:

- i. Master of Philosophy in Environmental Management and Sustainability
- ii. Bachelor of Science in Environmental Management and Sustainability
- iii. Bachelor of Science in Forest Resources Conservation and Management
- iv. Bachelor of Science in Biodiversity Conservation with Entrepreneurship
- v. Bachelor of Science in Ecotourism and Resort Management

A Diploma programme in Natural Resources Management (both sandwich and regular) has been developed and will commence in the 2017/18 academic year.

The Faculty has had a lot of collaborations and continues to seek new ones. We have also carried out a number of research and development activities aimed at conserving and managing renewable natural resources in some local communities within our domain.

Following directives from the University Development Committee, the Faculty has planted over one thousand seedlings around both the Tamale Campus and Gbanyamni Babin lands in July, 2017.

## Departments

Currently, the Faculty has four (4) departments as follows:

- i. Forestry and Forest Resources Management,
- ii. Ecotourism and Environmental Management,
- iii. Fisheries and Aquatic Resources Management, and

## iv. Biodiversity Conservation and Management.

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

Name	Qualification	Rank/Position
<i>Alhassan, E. H.</i>	<i>B.Sc. (Tamale), M.Phil. PhD(Ghana)</i>	<i>Snr. Lecturer/Dean</i>
<i>Cobbina, S. J.</i>	<i>B.Sc. (Cape Coast), M.Phil (Ghana), PhD (Jiangsu-China)</i>	<i>Snr. Lecturer/Vice Dean</i>
<i>Tang, F. Z.</i>	<i>B.A, MPhil. (Tamale)</i>	<i>Junior Asst. Registrar/ Faculty Officer</i>

**Student Admission Year on Year**

Year	Male	Female	Total
Level 100	45	9	54
Level 200	41	11	52
Level 300	93	23	116
Level 400	90	25	115
<b>Total</b>	<b>269</b>	<b>68</b>	<b>337</b>

**DEPARTMENT OF FISHERIES AND AQUATIC RESOURCES  
MANAGEMENT****Staff**

Name	Qualification	Rank/Position
<i>Ampofo-Yeboah, A</i>	<i>BSc (Kumasi), MPhil (Cape Coast), PhD (Stellenbosch)</i>	<i>Snr. Lecturer/HoD</i>
<i>Alhassan, E. H.</i>	<i>BSc (Tamale), MPhil, PhD (Ghana)</i>	<i>Snr. Lecturer</i>
<i>Akongyuure, D. N.</i>	<i>BSc (Tamale), MPhil (Ghana)</i>	<i>Lecturer</i>
<i>Atindana, S. A.</i>	<i>BSc (Tamale), MPhil (Cape Coast)</i>	<i>Lecturer</i>
<i>Abobi, S. M.</i>	<i>BSc (Tamale), MSc. (Bremen)</i>	<i>Lecturer</i>
<i>Abarike, E. D.</i>	<i>BSc. (Tamale), MPhil. (Cape Coast)</i>	<i>Lecturer</i>

**Research Interests****Ampofo-Yeboah, A.**

- i. Aquaculture
- ii. Fish reproductive physiology



iii. Fish nutrition

**Alhassan, E. H.**

- i. Food web ecology of freshwater bodies
- ii. Impacts of climate variability and change on fishery-based livelihoods
- iii. The contribution of wetlands to food security and livelihood improvement

**Akongyuure, D. N.**

- i) Fish stock assessment
- ii) Livelihood assessment of fishing communities
- iii) Reservoir fisheries enhancement

**Atindana, S. A.**

- i) Ecology of fresh and brackish water fish
- ii) Climate change and tropical fisheries
- iii) Biomonitoring of aquatic system

**Abobi, S. M.**

- i) Modelling the dynamic interactions between freshwater ecosystems and fisheries
- ii) Single species stock assessment
- iii) Assessing the role of climate variability in regulating resource productivities

**Abarike, E. D.**

- i) Tropical fish breeding and genetics
- ii) Fish culture and climate variability
- iii) Potential feeds for cultured fish species

**Publications**

**Alhassan, E. H.**

**Alhassan, E. H.** (2017). Fish fauna and potential fish yield of the Bui reservoir in Ghana during the first 18 months after impoundment. In: Wiafe, E. D. (ed), Adaptive management: elements, applications and research, 29-41. Nova Science Publishers, Inc.

Mustapha, U. F., Akongyuure, D. N., Abagale, F. K., **Alhassan, E. H.** and Abarike, E. D. (2016). Fish and fisheries of the Sisili-Kulpawn river basin in the Northern region, Ghana. *Journal of Biodiversity and Environmental Sciences*, 9(3), 112 – 119.

**Akongyuure, D. N.**

Mustapha, U. F., **Akongyuure, D. N.**, Abagale, F. K., Alhassan, E. H. and Abarike, E. D. (2016). Fish and fisheries of the Sisili-Kulpawn river basin in the Northern region, Ghana. *Journal of Biodiversity and Environmental Sciences*, 9(3), 112 – 119.

**Atindana, S. A**

**Atindana, S. A.** (2017, April 27). Oysters under threat in Whin estuary, Western Region, research reveals. NewCrusading Guide. Retrieved from [www.thecrudesadingguide.com](http://www.thecrudesadingguide.com).

**Atindana, S. A.**, Blay, J. and Yankson, K. (2016). Evaluation of aspects of limnology of a tropical coastal reservoir in Ghana. *Journal of Applied Sciences Research*, 12(4), 6 -13.

**Atindana, S. A.**, J. Blay and K. Yankson (2016). Investigation on food ecology of three cichlid species in the Mankessim Reservoir, Central Region of Ghana. *International Journal of Fisheries and Aquaculture*, 8(5), 55-6.

**DEPARTMENT OF ECOTOURISM AND ENVIRONMENTAL MANAGEMENT**

**Staff**

<b>Staff</b>	<b>Qualification</b>	<b>Rank/Position</b>
<i>Doke, D. A.</i>	<i>BA(Tamale), M.Phil. (Ghana), Ph.D (USA)</i>	<i>Lecturer/HoD</i>
<i>Cobbina, S. J.</i>	<i>B.Sc. (Cape Coast), M.Phil. (Ghana), Ph.D. (Jiangsu)</i>	<i>Snr. Lecturer</i>
<i>Kuuder, C. J. W.</i>	<i>B.Sc, M.Phil. (Cape Coast)</i>	<i>Snr. Lecturer</i>
<i>Amoako, E.E.</i>	<i>B.Sc. (Tamale), M.Sc. (Kumasi)</i>	<i>Lecturer</i>
<i>Asare, W.</i>	<i>B.Sc. (Tamale), M.Sc. (Kumasi)</i>	<i>Lecturer</i>
<i>Baligi, B. Y-D</i>	<i>B.Sc. (Tamale), M.A (Ghana), M.Phil. (Greenhill)</i>	<i>Lecturer</i>
<i>Adongo, R.</i>	<i>B.Sc. (Cape Coast), M.A. (London)</i>	<i>Lecturer</i>
<i>Bakobie N.</i>	<i>B.Sc. (Kumasi) M.Sc. (Delft)</i>	<i>Asst. Lecturer</i>
<i>Imoro, Z. A.</i>	<i>B.Ed (Winneba), MSc. (Kumasi)</i>	<i>Asst. Lecturer</i>

## Research Interests

### Doke, D. A.

- i) Human health risk assessment
- ii) Climate change mitigation and adaptation
- iii) Environmental management

### Cobbina, S.J.

- i) Water quality monitoring and assessment
- ii) Pollution control
- iii) Human health risk assessment

### Adongo R.

- i. Festival Events
- ii. Sustainable Tourism
- iii. Meetings, Incentives, Conferences, and Exhibition (MICE)

### Asare, W.

- i. Solid Waste Management and Environmental Sanitation
- ii. Environmental Quality Assessment
- iii. Environmental Impact Assessment and Control

### Yelviel-Dong, B. B.

- i. Natural Resource Law Policy and Administration
- ii. Natural Resource Economics
- iii. Environmental Economics

### Bakobie, N.

- i. Water sanitation and hygiene
- ii. Hydrology and hydrogeochemistry
- iii.* Heavy metals and pesticides residues in the environment

### Imoro, Z. A.

- i. Applied Microbial Remediation Technologies (MFCs, MDCs, Bioremediation)
- ii. Sanitation Science and Technology
- iii. Waste to Resource Technologies

## Publications

### Doke, D. A

Luwesi, C. N., **Doke, D. A** and Morrow D. R. (2016). "Solar Geoengineering: Technology-Based Climate Intervention or Compromising Social Justice in Africa?" In Christopher J. Preston (ed.). *Climate Justice and Geoengineering*. Rowman & Littlefield, USA. 161 - 173.

### Cobbina, S. J

**Cobbina, S. J.**, Guanghua M., Ting Z., Hai X., Zhen Z., Hongyang L., Yanmin Z., Xiangyang W., Liuqing Y. (2017). Modulation of *N*-Methyl-D-Aspartate Receptors (NMDAR), Bcl-2 and C-Fos Gene Expressions on Exposure to Individual and Mixtures of Low Concentration Metals in Zebrafish (*Danio rerio*). *Achieves of Environmental Contamination and Toxicology*, 72(3), 418-427.

Duwiejuah, A. B., **Cobbina, S. J.**, and Bakobie, N. (2017). Review of Eco-Friendly Biochar Used in the Removal of Trace Metals on Aqueous Phases. *International Journal of Environmental Bioremediation & Biodegradation*, 5(2), 27-40.

Bakobie, N., Addae, S. A., Duwiejuah, A. B., **Cobbina, S. J.** and Miniyila, S. (2017). Microbial profile of common spices and spice blends used in Tamale, Ghana. *International Journal of Food Contamination*, 4(10), 1-5.

### Adongo, R.

**Adongo, R.** Choe, J.Y., & Chin, H. (2017). Tourism in Hoi An, Vietnam: Impacts, Benefits, Community Attachment, and Support for Tourism. *International Journal of Tourism Sciences*, 17(2), 86-106.

### Bakobie, N.

**Bakobie, N.**, Addae, S. A., Duwiejuah, A. B., Cobbina, S. J. and Miniyila, S. (2017). Microbial profile of common spices and spice blends used in Tamale, Ghana. *International Journal of Food Contamination*, 4(10), 1-5.

Duwiejuah, A. B., Cobbina, S. J., and **Bakobie, N.** (2017). Review of Eco-Friendly Biochar Used in the Removal of Trace Metals on Aqueous Phases. *International Journal of Environmental Bioremediation & Biodegradation*, 5(2), 27-40.

## DEPARTMENT OF FORESTRY AND FOREST RESOURCES MANAGEMENT

### Staff

Name	Qualification	Rank/Position
<i>Asante, W.J.</i>	<i>MSc. Dip Ed (Cape Coast), MSc. (Kumasi)</i>	<i>Snr. Lecturer/ HoD</i>
<i>Baatuuwie, N. B.</i>	<i>BSc (Tamale), MSc, (Kumasi/ Netherlands), PhD (Kumasi)</i>	<i>Snr. Lecturer/Faculty Exams officer</i>
<i>Tom-Derry, D.</i>	<i>BSc. (Accra), MSc (Hamburg),</i>	<i>Snr. Lecturer</i>
<i>Husseini, R.</i>	<i>BSc (Tamale) MSc. (Kumasi), PhD (Cape Coast)</i>	<i>Snr. Lecturer/QA Officer</i>
<i>Ochire-Boadu, K.</i>	<i>BSc. Dip Ed (Cape Coast), MSc (Kumasi)</i>	<i>Lecturer</i>
<i>Issifu, H.</i>	<i>BSc. (Tamale), MSc. (Wageningen)</i>	<i>Lecturer</i>

### Research Interests

#### Asante W. J

- i. Growth response of Rubber (*Hevea brasiliensis*) to inorganic fertilizer application in the guinea savannah ecozone
- ii. Community afforestation using *Khaya senegalensis* and *Senna siamea*
- iii. Influence of sowing depth on the germination and initial growth of *Pterocarpus erinaceus*

#### Baatuuwie, N. B.

- i. Mapping and monitoring of natural resources using GIS and Remote Sensing
- ii. Plantation Forestry development and management
- iii. Climate change and land use management

#### Issifu, H.

- i. Forest-savanna boundary dynamics
- ii. Responses of forest and savanna tree species to climate change
- iii. Conservation of forest (and woodland) resources

#### Husseini, R.

- i. Wood protection
- ii. Social forestry
- iii. Collaborative management of forest reserves

**Tom-Derry, D.**

- i. Population Structure of *Parkia biglobosa* and *Vitellaria paradoxa*
- ii. Afforestation of degraded lands in Arid Northern Ghana
- iii. Woody species diversity in savanna and semi-deciduous forest vegetation.

**Ochire-Boadu K.**

- i. Screen of some nitrogen fixing trees for improved fallow.
- ii. Allelopathic effect of trees
- iii. Soil microbial studies

**Publications**

**Baatuuwie, N. B**

**Baatuuwie, N. B.,** Le, Q. B., Agyare, A.W. and Forkuo, K. E(2017):Communities' Perceptions of Land Degradation: A Case Study in the Savanna Belt of the White Volta Basin. *UDS International Journal of Development (UDSIJD)*, 3(2), 32-50.

Kutir, C., **Baatuuwie, B. N.** and Aabeyir, R. (2016): Farmers' Perception and Factors Influencing their Response to Climate Change in the North Bank Region of the Gambia. *Ghana Journal of Science, Technology and Development*, 4(2), 29-46.

**Husseini, R**

**Husseini, R.,** Mahunu G.K., Nasiru A., Abubakari Al-H., and Adator S.W. (2016): Farmers Perception of Climate Change and Adaptation of Indigenous Strategies in the Savanna Ecology of Ghana. *Journal of Multidisciplinary Engineering Science and Technology (JMEST)*, 3(12), 6110- 6113.

**Husseini, R.,** Mahunu G.K., Wireku P., and Dzomeku, I.K.(2016): Response of Growth and Leaf Yield of *Adansonia digitata* Seedlings to Soil Amendments and Harvesting Regimes. *Journal of Multidisciplinary Engineering Science and Technology (JMEST)*, 3(12), 6114-6119.

**DEPARTMENT OF BIODIVERSITY CONSERVATION AND MANAGEMENT****Staff**

<b>Name</b>	<b>Qualifications</b>	<b>Position/Rank</b>
<i>Imoro, A. Z.</i>	<i>B.Sc. (Tamale), MPhil (Cape Coast)</i>	<i>Snr. Lecturer/HoD, Q A Officer</i>
<i>Weobong, C. A.</i>	<i>B.Sc., M.Sc (Kumasi), PhD (Tamale)</i>	<i>Snr. Lecturer/Faculty TTFPP Coordinator</i>
<i>Aikins, T. K.</i>	<i>B.Sc., MPhil (Tamale), MPhil (Ghana)</i>	<i>Asst. Lecturer</i>
<i>Lawer, E. A.</i>	<i>B. Sc., M.Sc. (Tamale)</i>	<i>Asst. Lecturer</i>

**Research Interests****Imoro, A. Z.**

- i. Contribution of Wild Edible Plants (WEPs) to Food Security in Rural Households in Ghana
- ii. Community Rangelands Assessment, Monitoring and Evaluation in Northern Ghana
- iii. Land use and Indigenous Plant Species Diversity on Community Rangelands

**Weobong, C. A**

- i. Indigenous wildlife management
- ii. Inventory  
and assessment of wildlife and wildliferesources in protected and non-protected areas.
- iii. Climate change and its impacts on wildliferesources and theirmanagement

**Aikins, T. K.**

- i. Birds species diversity and habitat use in Northern Ghana.
- ii. Birds response to human disturbances in conservation sites.
- iii. Modelling the effect of climate change on migratory birds in Ghana.

**Lawer, E. A.**

- i. Influence of disturbance (anthropogenic) on population structure and distribution patterns of small mammals.
- ii. Illegal wildlife use and protected area management in Ghana.

## Publications

### Ziblim, A. I.

Aikins, T. K., Ziblim, A. I. and Tuga A. (2017). A Whinchat *Saxicola rubetra* ringed in France, recovered in Africa. *Malimbus* 39, 27-28.

Ziblim, A. I., Oppong, S. K. and Danquah, E. (2016). Estimation of growth rate and biomass production of native savanna forage shrub species. *African Journal of Plant Science*, 10(12), 258-268.

Ziblim, A. I., Ansah, B. and Aikins, T. K. (2016). Comparison of Physical and Chemical Properties of Soils under Forested and Cropped Lands. *J Agric. Res.*, 54(4), 677-685.

### Aikins, T. K.,

Aikins, T. K., Ziblim, A. I. and Tuga A. (2017). A Whinchat *Saxicola rubetra* ringed in France, recovered in Africa. *Malimbus* 39, 27-28.

Ziblim, A. I., Ansah B. and Aikins, T. K. (2016). Comparison of Physical and Chemical Properties of Soils under Forested and Cropped Lands. *J Agric. Res.*, 54(4), 677-685.

### Lawer, E.A.

Darkoh E. L., Larbi J. A. and Lawer E.A. (2017). A weather – based prediction model of malaria prevalence in Amenfi West District, Ghana. *Malaria Research and Treatment*, 2017.

Lawer E. A. (2016). Empirical modeling of annual fishery landings. *Natural Resources*, 7, 193-204.

## FACULTY OF AGRIBUSINESS AND COMMUNICATION SCIENCES

### Introduction

The Faculty of Agribusiness and Communication Sciences (FACS) is one of the four Faculties/Schools on Nyankpala Campus. FACS is the only Social Science and Humanities focused faculty on the Nyankpala Campus and was created in response to the global and national repositioning of agribusiness and agro-industry, climate change as well as communication as important growth areas in the economy of nations. FACS offers two four-year academic Bachelor's degree programmes:



- 1) B.Sc. Agribusiness, with specializations in the fields of
  - i) Agribusiness Management and Finance
  - ii) Agricultural Extension, Rural Development and Gender Studies
  - iii) Agricultural and Resource Economics
  - iv) Climate Change and Food Security
- 2) B.Sc. Social Change Communication

The Faculty also has five graduate level programmes:

- i) M.Sc. Agricultural Economics
- ii) M.Sc. Innovation Communication
- iii) M.Sc. Integrated Rural Development
- iv) M.Phil./Ph.D. Agricultural Economics
- v) M.Phil./Ph.D. Innovation Communication

## Office of the Dean

### Staff

Name	Qualification	Rank/Position
<i>Albassan, A.</i>	<i>B.A., Doc. (Tampere), Ph.D. (Montreal)</i>	<i>Assoc. Prof./ Dean</i>
<i>Donkoh, S.A.</i>	<i>B.A., Dip. Ed., M.Phil., (Cape Coast), Ph.D. (Reading)</i>	<i>Snr. Lecturer/Vice Dean</i>
<i>Boahene E. B.</i>	<i>MFA (Kumasi)</i>	<i>Snr. Asst. Registrar/ Faculty Officer</i>

## DEPARTMENT OF AGRIBUSINESS MANAGEMENT AND FINANCE

Staff	Qualification	Rank/Position
<i>Yeboah, R. W. N</i>	<i>B.Sc. M.Sc. (Ibadan), Ph.D. (Ghana)</i>	<i>Snr. Lecturer /HoD</i>
<i>Ayambila, S. N.</i>	<i>B.Sc. (Tamale), M.Phil., Ph.D. (Ghana)</i>	<i>Lecturer</i>
<i>Issaka, Y, B.</i>	<i>B.Sc. (Tamale), M.Phil. (Wageningen)</i>	<i>Lecturer</i>
<i>Naminse, E. Y.</i>	<i>B.Sc. (Tamale), M.S. (Texas)</i>	<i>Lecturer</i>
<i>Boateng, F. V.</i>	<i>B.Sc. (Tamale), M.Phil. (Kumasi)</i>	<i>Lecturer</i>
<i>Akuriba, M. A.</i>	<i>B.Sc., (Tamale), M.Phil. (Ghana)</i>	<i>Lecturer</i>
<i>Abdul-Rahaman, A.</i>	<i>B.Sc., M.Phil. (Ghana)</i>	<i>Lecturer</i>
<i>Abdallah, H.</i>	<i>B.Sc., M.Phil. (Tamale)</i>	<i>Asst. Lecturer</i>

## Research Interests

### Boateng V. F.

- i) Organic Vegetable Production and its Effects on Farmers' Welfare in the Northern Region of Ghana.
- ii) Agricultural sustainability, innovation and welfare effect.
- iii) Marketing Margin and determinants of net return of frozen and smoked fish in Tamale Metropolis

## Publications

### Yeboah, R. W. N.

Obeng, F. K., Avoronyo, V. K., Fosu, M., Okorley, E., **Yeboah, R. W. N.**, Duncan, S., Afenyo, E. (2017). *Managing Soil Health for Maximum crop productivity*. New Delhi: New India Publishing Agency.

Issaka, Y. B. and **Yeboah, R. W. N.** (2016). Non-timber Forest Products and Climate Change Resilience: The Case of the Savannah Woodlands of Northern Ghana. *Journal of Developing Country Studies*. 6(5).

### Ayambila S. N.

**Ayambila, S. N.**, Osei-Akoto I. and Ayamga M. (2017). Determinants of Non-farm Microand Small Enterprise Participation in Rural Ghana. *British Journal of Economics, Management and Trade*, 17(4),1-12.

Obeng , F. K., Awasina, R., and **Ayambila S. N.** (2016). Factors Influencing the Adoption of Climate Change Adaptation Strategies by Smallholder Farmers in East Mamprusi District of Northern Region, *Ghana*. *Ghana Journal of Science, Technology and Development*, 4(2).

### Issaka, B. Y

**Issaka, B. Y.**, Tenkouano, A. and Kamga, R. T. (2016). Improving the resilience of agricultural systems through innovation platforms: creating space for farmer participation in research. *Ghana Journal of Science, Technology and Development* 4(2).

Kamga R. T., Some S., Tenkouano A., **Issaka, Y. B.** and Ndoeye, O. (2016). Assessment of Traditional African vegetable production in Burkina Faso. *Journal of Agricultural Extension and Rural Development*. 8(8), 141-150.

**Issaka, Y. B. and Yeboah, R. N.** (2016). Non-timber Forest Products and Climate Change Resilience: The Case of the Savannah Woodlands of Northern Ghana. *Journal of Developing Country Studies*. 6(5).

**Boateng, V. F.**

Alhassan, H., Donkoh, S. A. and **Boateng, V. F.** (2017). Households' Willingness to Pay for Improved Solid Waste Management in Tamale Metropolitan Area, Northern Ghana. *UDS International Journal of Development*. 3 (2), 70-84.

**Abdul-Rahaman, A.**

Abdallah H. and **Abdul-Rahaman, A.** (2017). Technical Efficiency of Maize Farmers in Ghana: A Stochastic Frontier Approach. *International Journal of Innovation and Scientific Research*. 29(2), 110-118.

**Abdul-Rahaman, A.** (2016). Stochastic frontier analysis of technical efficiency, insights from smallholder cotton farmers in the Northern Region of Ghana. *Global Journal of Agricultural Economics, Extension and Rural Development*. 4(1), 361-367.

**Abdul-Rahaman, A.** (2016). Analysis of Financial Efficiency and Constraints of Smallholder Cotton Farmers in the Northern Region of Ghana. *British Journal of Economics, Management and Trade*. 12(4), 1-11.

Abdallah H and **Abdul-Rahaman, A.** (2016). Determinants of access to agricultural extension services: evidence from smallholder rural women in Northern Ghana. *Asian Journal of Agricultural Extension, Economics and Sociology*. 9(3), 1-8.

## DEPARTMENT OF AGRICULTURAL EXTENSION, RURAL DEVELOPMENT AND GENDER STUDIES

### Staff

Name	Qualification	Rank/Position
<i>Adraki, P. K.</i>	<i>B. Sc. (Tamale), M. Sc. (Wageningen)</i>	<i>Lecturer/Ag. HoD</i>
<i>Obeng, F. K</i>	<i>B.Sc., Dip.Ed. M.Phil. (Cape Coast), Ph.D. (Amsterdam)</i>	<i>Snr. Lecturer</i>
<i>Walata, Y.</i>	<i>Dip. (Ghana), M. Sc., Ph. D. (London)</i>	<i>Lecturer</i>
<i>Hamza, A.</i>	<i>B. Sc. (Tamale), M.Phil. (Ghana), Ph.D. (Reading)</i>	<i>Lecturer</i>
<i>Lolig, V.</i>	<i>B. Sc. (Tamale), M.Phil. (Ghana)</i>	<i>Lecturer</i>
<i>Seini, A</i>	<i>B. Sc. (Tamale), M.Phil. (Cape Coast)</i>	<i>Lecturer</i>
<i>Hudu, Z.</i>	<i>B. Sc. (Tamale), M.Phil. (Ghana)</i>	<i>Lecturer</i>
<i>Sulemana, N</i>	<i>B. Sc., (Cape Coast), M.Sc., Ph. D (Wageningen)</i>	<i>Lecturer</i>
<i>Yussif, K.</i>	<i>B.Sc., M. Phil. (Tamale)</i>	<i>Asst. Lecturer</i>

## Research Interests

### Obeng, F. K.

- i) Participatory Approaches
- ii) Climate Change
- iii) Extension Communication

### Adraki, P. K.

- i) Ethnoveterinary medicine and practices in Northern Ghana
- ii) Gender, Exchange Systems, Social Support Networks and Rural Development
- iii) Livelihoods and Resource Management

### Yussif, K.

- i) Human Security (Migration, Conflict, Food and Income Security)
- ii) Resource Governance
- iii) Sustainable Agriculture and Climate Change Adaptability

### Obeng, F. K.

Yussif, K., Obeng, F.K. and Ansah, I.G.K (2017) Farmers' Willingness to Pay for Private Irrigation Supply in Nandom District, Ghana. *Ghana Journal of Development Studies*, 14(1), 39-59 .

Obeng, F. K., Avornyo, V. K., Fosu, M., Okorley, E., Yeboah, R. W. N. and Afenyo, E. (2017). Managing Soil Health for Maximizing Crop Productivity. Duncan Sones (Ed). New Delhi: New India Publishing Agency.

Obeng, F. K., Awasina, R. A. and Ayambila, S. N. (2016) Factors Influencing the Adoption of Climate Change Adaptation Strategies By Smallholder Farmers in East Mamprusi District of Northern Region, Ghana. *Ghana Journal of Science, Technology and Development*. 4(2), 84-95.

### Hudu, Z.

Hudu, Z. (2016). Underlying Constructs of Farmers' Perceptions towards Bt Cotton Among Former Cotton Farmers in Northern Ghana: Empirical Application of Q Methodology. *International Journal of Agricultural Science, Research and Technology in Extension and Education System*. 6(1), 35-40.

Hudu, Z. (2016). The drivers of women farmers' participation in cash crop production: the case of women smallholder farmers in Northern Ghana. *The Journal of Agricultural Education and Extension*. 23(2), 141-158.

**Yussif, K.**

**Yussif, K.,** Obeng, K. F. and Ansah I. G. K. (2017). Farmers' Willingness-to-Pay for Private Irrigation Supply in Nandom District, Ghana. *Ghana Journal of Development Studies*, 14(1), 39-59.

## DEPARTMENT OF AGRICULTURAL AND RESOURCE ECONOMICS

### Staff

Name	Qualification	Rank/Position
<i>Awuni, J.A.</i>	<i>B.Sc. (Tamale), M.Sc. (Reading), Ph.D. (Jiangsu)</i>	<i>Snr. Lecturer/HoD</i>
<i>Donkoh, S. A.</i>	<i>B.A., Dip. Ed, M. Phil (Cape Coast), Ph.D. (Reading)</i>	<i>Snr. Lecturer</i>
<i>Ayamga, M.</i>	<i>B.Sc. (Tamale), M.Phil., Ph.D. (Ghana)</i>	<i>Snr. Lecturer</i>
<i>Sienso, G.</i>	<i>B.Sc. (Tamale), M.Phil. (Ghana)</i>	<i>Lecturer</i>
<i>Alhassan, H.</i>	<i>B.Sc. (Kumasi) M.Phil. (Ghana)</i>	<i>Lecturer</i>
<i>Ansah, I.G.K.</i>	<i>B.Sc.(Kumasi),M.Sc. (Wageningen)</i>	<i>Lecturer</i>
<i>Danso-Abbeam, G.</i>	<i>B.Sc. (Ghana), M.Phil. (Kumasi)</i>	<i>Lecturer</i>
<i>Mabe, F. N.</i>	<i>B.Sc., M.Phil.(Ghana)</i>	<i>Lecturer</i>
<i>Setsoafia, E. D.</i>	<i>B.Sc., M.Phil.(Ghana)</i>	<i>Lecturer</i>
<i>Ehiakpor, D. S.</i>	<i>B.Sc. (Kumasi), M.Phil. (Ghana)</i>	<i>Lecturer</i>
<i>Kudadze, S.</i>	<i>B.Sc., M.Phil. (Tamale)</i>	<i>Asst. Lecturer</i>

### Publications

**Awuni, J.A.**

Nakamura, S., Fukuda, M., Issaka, R. N., Dzomeku, I. K., Buri, M. M., Avornyo, V. K., Adjei, E. O, **Awuni J.A.**and Tobita, S. (2016). Residual effects of direct application of Burkina Faso phosphate rock on rice cultivation in Ghana. *Nutrient Cycling in Agro-Ecosystems*, 106(1), 47-59.

**Awuni, J. A.,** Du, J. and Yiranbon, E. (2016). Factors Influencing Green Purchasing Behaviours: Some Insights from Tamale, Ghana. *British Journal of Economics, Management and Trade* 14(4), 1-12.

**Donkoh, S.A.**

- Donkoh, S.A.**, Ansah, I.G.K., Adzawla, W. and Amfo B., (2017). Farmers' Livelihoods and Welfare in the Wa West District, Upper West Region of Ghana. In Osamu, S., Granjac-Berisavljevic, G., Takeuchi, K., Gyasi, E. (eds.) *Strategies for Building Resilience against Climate and Ecosystem Changes in Sub-Saharan Africa*. Springer.
- Amoako, E.E., **Donkoh, S.A.** and Ansah, I. G. K. (2017). Socio-Economic Study on the Threats and Effects of Climate Change on Local Livelihood in Selected Districts of the Northern Region of Ghana. *UDS International Journal of Development* 4(1) 64-78.
- Abdulai, S., Nkegbe, P. and **Donkoh, S.A** (2017). Assessing the economic efficiency of maize production in Northern Ghana. *Ghana Journal of Development Studies* 14 (1) 123-145.
- Ansah, I.G.K, Tetteh, B.K.D. and **Donkoh, S.A.** (2017). Determinants and income effect of yam postharvest loss Management: evidence from the Zabzugu District of Northern Ghana *Food Security*, 9(3), 611-620.
- Alhassan, H., **Donkoh, S. A.**, Boateng, V.F. (2017). Households' willingness to pay for improved solid waste Management in Tamale Metropolitan area, Northern Ghana. *UDS International Journal of Development* 3(2), 70-84.
- Donkoh, S.A.**, Owusu Sarpong, E. and Nyarko G. (2016). Insecticide Application in Vegetable Production and the Risk of Food Poisoning in Nkoranza Municipality, Ghana. *Ghana Journal of Horticulture*, 12(1), 50-63.
- Adzawla W., **Donkoh S. A.**, · Nyarko G., O'Reilly P. and Mayes S. (2016). Use patterns and perceptions about the attributes of Bambara groundnut (*Vigna subterranea* (L.) Verdc.) in Northern Ghana. *Ghana Journal of Science, Technology and Development* 4 (2). 56-71.
- Shaibu B. A., **Donkoh, S. A.** and Ansah, I.G.K. (2016). Contract farming and the adoption of climate change coping and adaptation strategies in the Northern Region of Ghana *Environment, Development and Sustainability*, 18(4), 1-21.
- Zakaria, A., Ansah I. G. K., Abdulai S. and **Donkoh, S. A.** (2016). The determinants and effects of JICA rice technology adoption in the Sagnarigu District of the Northern Region, Ghana. *UDS International Journal of Development* 3(1), 1-12.
- Donkoh, S.A.** · Abdulai E., Setsoafia, E.D and Ansah, I. G. K. (2016). Participation and output effect of a Block Farm Credit Programme in selected districts of Northern Ghana. *Agricultural Finance Review*, 76(3), 348-361.

- Azumah, S. B., **Donkoh**, S. A. and Ehiakpor, D. S. (2016). Examining the determinants and effects of Contract Farming on Farm Income in the Northern Region of Ghana. *Ghana Journal of Science, Technology and Development*, 4(1), 1-10.
- Kudadze, S., Ahado, S. and **Donkoh**, S. A. (2016). Agricultural Credit Accessibility and Rice Production in Savelugu-Nanton and Walewale Districts of Northern Ghana. *Research Journal of Accounting*. 7(14).

**Alhassan, H.**

- Alhassan**, H., Donkoh, S. A. and Boateng, V.F. (2017). Households' Willingness to Pay for Improved Solid Waste Management in Tamale Metropolitan Area, Northern Ghana. *UDS International Journal of Development*, 3(2), 70-81.

**Ansah, I. G. K.**

- Donkoh, S.A, **Ansah, I.G.K.**, Adzawla, W. and Amfo B. (2017). Farmers' Livelihoods and Welfare in the Wa West District, Upper West Region of Ghana. In Osamu, S., Granjac-Berisavljevic, G., Takeuchi, K., Gyasi, E. (eds.) *Strategies for Building Resilience against Climate and Ecosystem Changes in Sub-Saharan Africa*. Springer.
- Amoako, E., Donkoh, S. and **Ansah, I. G. K.** (2017). Socio-economic study on the threats and effects of climate change on local livelihood in selected districts of the Northern Region of Ghana. *UDS International Journal of Development*. 4(1), 64-78.
- Ansah, I. G. K., Tetteh, B. K. D., and Donkoh, S. A. (2017). Determinants and income effect of yam postharvest loss Management: evidence from the Zabzugu District of Northern Ghana. *Food Security*, 9, 611-620.
- Donkoh, S. A., Eliasu, A., Setsoafia, E. D., and **Ansah, I. G. K.** (2016). Participation and output effect of a Block Farm Credit Programme in selected districts of Northern Ghana. *Agricultural Finance Review*, 76, 348-361.
- Yussif, K., Obeng, F., and **Ansah, I. G. K.** (2017). Farmers' Willingness to Pay for Private Irrigation Supply in Nandom District, Ghana. *Ghana Journal of Development Studies* 14 (1), 39-59.
- Zackaria, A., **Ansah, I. G. K.**, Abdulai, S., and Donkoh, S. A. (2016). The Determinants and effects of JICA Rice Technology Adoption in the Sagnarigu District of Northern Region, Ghana. *UDS International Journal of Development*, 3, 1-12.

**Setsoafia, E. D.**

- Donkoh, S.A, Abdulai, E., **Setsoafia, E.D.** and Ansah, I.G.K. (2016). Participation and output effect of a block farm credit programme in selected districts of Northern Ghana, *Agricultural Finance Review*, 76, 348-361.

**Kudadze, S.**

**Kudadze, S., Ahado, S., and Donkoh, S.A.**(2016). Agricultural Credit Accessibility and Rice Production in Savelugu-Nanton and Walewale Districts of Northern Ghana. *Research Journal of Accounting*, 7(14).

**Mabe, F.N.**

**Mabe, F. N., Talabi, K. and Danso-Abbeam, G.** (2017). Awareness of Health Implications of Agrochemical Use: Effects on Maize Production in Ejura-Sekyedumase Municipality, Ghana. *Advances in Agriculture*, 1-11.

**Danso-Abbeam, G.**

Mabe, N. F., Talabi, K. and **Danso-Abbeam, G.** (2017). Awareness of Health Implications of Agrochemical Use: Effects on Maize Production in Ejura-Sekyedumase Municipality, Ghana. *Advances in Agriculture*, 1-11.

**Ehiakpor, D.S.**

Azumah, S. B., Donkoh, S.A. and **Ehiakpor, D.S.** (2016). Examining the determinants and effects of Contract Farming on Farm Income in the Northern Region of Ghana. *Ghana Journal of Science, Technology and Development*, 4(1), 1-10.

**DEPARTMENT OF CLIMATE CHANGE AND FOOD SECURITY**

**Staff**

Name	Qualification	Rank/Position
<i>Amikuzuno J.</i>	<i>B.Sc., M. Phil (Ghana), Ph.D. (Goettingen)</i>	<i>Snr. Lecturer/HoD</i>
<i>Dittoh J. S.</i>	<i>B.Sc. (Ghana), M.Phil., Ph.D. (Ibadan)</i>	<i>Assoc. Prof.</i>
<i>Kasei, R.</i>	<i>B.Sc., M.Phil.(Ghana), Ph.D. (Bonn)</i>	<i>Snr. Lecturer</i>
<i>Seini, Y. A.</i>	<i>B.Sc., M.Sc., (Kumasi)</i>	<i>Lecturer</i>
<i>Alidu A.</i>	<i>B.Sc., PG. Dip. (Winneba), M. Phil., (Ghana)</i>	<i>Lecturer</i>
<i>Damba, T. O.</i>	<i>B. Sc.(Tamale), M. Phil.(Ghana), Ph.D.(Erzurum)</i>	<i>Lecturer</i>
<i>Abarike A. M.</i>	<i>B.Sc. (Tamale), M. Phil., (Tamale)</i>	<i>Asst. Lecturer</i>
<i>Nabirse, C. K.</i>	<i>B. Sc. (Tamale),M. Phil., (Ghana)</i>	<i>Asst. Lecturer</i>
<i>Issabaku G.</i>	<i>B. Sc., M.Phil. (Cape Coast), PG. Cert. (Kumasi)</i>	<i>Lecturer</i>
<i>Daadi, B. E.</i>	<i>B.Sc., M. Phil., (Ghana)</i>	<i>Lecturer</i>



## Research Interests

### Seini, Y. A.

- i) Sustainable agriculture, household livelihoods and food security
- ii) Project Analysis, Appraisals, Evaluation and Impact assessment of Interventions
- iii) Agricultural finance, microfinance and farming systems research

### Issahaku, G.

- i) Poverty reduction and Food Security, Sustainable Agriculture, Rural Development and sustainable livelihood Systems.
- ii) Contribution of Arbitrage Relationships and Mobile Phones to Price and M.A.rket Integration in Ghana.

### Daadi, B. E.

- i) Productivity of Smallholder Farms and Agricultural Markets analysis, smallholder Agribusiness Organization, Bio-economy and Sustainable Agricultural Systems.

### Abarike A. M.

- i) Indigenous farming coping strategies of farmers in the Bawku West District, Ghana.
- ii) Assessing the food security status of the rural households in the Karaga district of the northern region-Ghana.

### Nabilse, C. K.

- i) Irrigation Investments and Improvements in Ecosystem Services and the Livelihoods of Women and Youth.
- ii) Assessing Models of Public-Private Partnerships for Irrigation Development

## Publications

### Seini, Y. A.

Issahaku, G., Daadi, B. E. and **Seini, Y. A.** (2016). Evaluating Agricultural Policy Impacts in Ghana: The Case of Food Crop Development Project in Ejura-Sekyedumase, *Journal of Poverty, Investment and Development*, 28, 10-17.

**Issahaku, G.**

**Issahaku, G., Daadi, B. E. and Seini, Y. A. (2016).** Evaluating Agricultural Policy Impacts in Ghana: The Case of Food Crop Development Project in Ejura-Sekyedumase, *Journal of Poverty, Investment and Development*, 28, 10-17.

**Alidu, A.F.**

**Alidu A.F. and Tanko M. (2016).** Factors Enhancing Smallholder Farmers Access to Masara N'arziki Project in the Northern Region of Ghana. *International journal of Development Research*, 6(10), 9609-9615

**Damba, T. O.**

**Damba, T. O., Bilgic, A. and Aksoy, A. (2017).** Estimating Price Volatility Transmission between World Crude Oil and Selected Food Commodities: A BEKK Approach. *Journal of Agriculture*, 48 (1), 41-49.

**Aydogan, Z., Gurol, A., Incekara, U. and Damba, T. O. (2016).** Element Content Analysis of Edible Insect of Ghana using EDXRF Spectrometer. *Erzincan University Journal of Science and Technology*, 9, 86-94.

**DEPARTMENT OF COMMUNICATION, INNOVATION AND TECHNOLOGY**

**Staff**

<b>Name</b>	<b>Qualification</b>	<b>Rank/Position</b>
<i>Ayelazuno, J.</i>	<i>B.A.(Ghana), M.A. (Sussex), Ph.D. (York)</i>	<i>Snr. Lecturer/HoD</i>
<i>Albassan, A.</i>	<i>Ph.D. (Concordia)</i>	<i>Assoc. Prof.</i>
<i>Mohammed, A. M.</i>	<i>B.Sc. (Kumasi), M.A., Ph.D. (Indiana)</i>	<i>Lecturer</i>
<i>Mumuni, E.</i>	<i>HND (Tamale), M.Sc. (Tamale), Ph.D. (Nottingham)</i>	<i>Lecturer</i>
<i>Sumbo, D.</i>	<i>B.Sc., M.Phil. (Ghana)</i>	<i>Lecturer</i>
<i>Mohammed, F.</i>	<i>B.Sc (Tamale), M.Phil. (Ghana)</i>	<i>Lecturer</i>
<i>Mohammed, S.</i>	<i>B.Sc. (Tamale), M.Phil. (Ghana)</i>	<i>Lecturer</i>
<i>Mohammed, A.</i>	<i>B.A. (Ghana), M.A. (Telemark)</i>	<i>Lecturer</i>
<i>Shaibu, A-F.</i>	<i>B.A., M.Phil. (Ghana)</i>	<i>Asst. Lecturer</i>

**Publications**

**Mumuni, E.**

**Mumuni, E., Kaliannan, M. and O'Reilly, P. (2016).** Approaches for scientific collaboration and interactions in complex research projects under disciplinary influence. *Journal of Developing Areas*, 50(5), 383-391.

**Mohammed. M.A.**

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Farmer participatory pest Management evaluations and variety selection in diagnostic farmer field Fora in cowpea in Ghana. *African Journal of Agricultural Research*, 11(19), 1765- 1771.

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## **FACULTY OF INTEGRATED DEVELOPMENT STUDIES**

### **Introduction**

Following its establishment in 1994, the Faculty of Integrated Development Studies (FIDS) has promoted integrated/interdisciplinary approach to teaching, learning and research. All students of the Faculty were awarded Degree in B.A. Integrated Development Studies until, the 2008/09 academic year when optional programmes were introduced to offer a variety of opportunities to students.

In December 2010, the Faculty passed out its first batch of students, majoring in Integrated Development Studies with optional programmes. The optional degree programmes were further reviewed in 2009/10 and the revised programmes approved by the Academic Board and mounted for the 2010/2011 academic year.

### **Departments**

The Faculty of Integrated Development Studies has five Departments:

- i) Department of African and General Studies (DAGS)
- ii) Department of Economics and Entrepreneurial Development (DEED)
- iii) Department of Environment and Resource Studies (DERS)
- iv) Department of Development Studies (DDS)
- v) Department of Social, Political and Historical Studies (DSPHS)

### **Undergraduate Programmes**

The Faculty offers undergraduate programmes in Integrated Development Studies with options in:

- i) B.A. Integrated Development Studies
- ii) B.A. Integrated Development Studies (Development Communication Option)

- iii) B.A. Integrated Development Studies (Economics and Entrepreneurship Option)
- iv) B.A. Integrated Development Studies (Economics Option)
- v) B.A. Integrated Development Studies (Entrepreneurship Option)
- vi) B.A. Integrated Development Studies (Environment and Resource Management Option)
- vii) B.A. Integrated Development Studies (Social and Development Administration Option)
- viii) Diploma in Integrated Community Development
- ix) Ghana Rural Animators Training (Certificate Course)

### **Graduate Programmes**

The Faculty offers Ph.D., M.Phil and M.A. Programmes on regular and sandwich bases. The programmes are:

- i) Ph.D. in Social Administration (Regular)
- ii) Ph.D. in Endogenous Development (Sandwich)
- iii) M.Phil in Development Studies (Regular and Sandwich)
- iv) M.Phil in Environment and Resources Management (Regular)
- v) M.Phil Social Administration (Regular)
- vi) M.A. in Development Economics (Sandwich)
- vii) M.A. in Development Communication (Sandwich)
- viii) M.A. in Environment and Resources Management (Sandwich)
- ix) M.A. in Social Administration (Sandwich)
- x) M.A. in Peace and Development Studies ((Sandwich)

### **Collaboration/Outreach Programmes**

- i) FIDS/UNICEF, Ghana Collaboration on Mainstreaming Child Protection into FIDS Curricula
- ii) FIDS/Faculty of Humanities, Aalborg University (FOH-AAU), Denmark (Collaboration)
- iii) FIDS/The Heller School for Social Policy and Management, Brandeis University, U.S.A (Collaboration)

## Office of the Dean

### Staff

Name	Qualification (s)	Rank/Position
<i>Galaa, Z. S</i>	<i>B.A. (Ghana), M.Phil. (Oslo), PhD. (Ghana)</i>	<i>Snr. Lecturer/Dean</i>
<i>Teng-Zeng, F.</i>	<i>B.A. (Ghana), M.A. (South Africa), PhD. (South Africa)</i>	<i>Snr. Lecturer/Vice-Dean</i>
<i>Asante, J.</i>	<i>B.Ed., M.Phil.(Cape Coast), ChPA, CMC, CE (Ghana) and ICA Part II (Ghana)</i>	<i>Snr. Assistant Registrar</i>

### Student Enrolment Statistics 2016/2017 Academic Year

Faculty	Male	Female	Total
<b>Faculty of Integrated Developments Studies</b>	1,482	705	2,187

### Student Enrolment Statistics: Year on Year for 2016/2017 Academic Year

Year	Male	Female	Total
(IDS&SSE) 100	189	80	269
DICD 100	142	74	216
<b>SUB-TOTAL</b>	<b>331</b>	<b>154</b>	<b>485</b>
IDS 200	395	153	548
DICD 200	71	70	141
<b>SUB-TOTAL</b>	<b>466</b>	<b>223</b>	<b>689</b>
LEVEL 300	383	162	545
LEVEL 400	302	166	468
<b>GRAND TOTAL</b>	<b>1,482</b>	<b>705</b>	<b>2,187</b>

**DEPARTMENT OF ENVIRONMENT AND RESOURCE STUDIES****Staff**

<b>Name</b>	<b>Qualification</b>	<b>Rank/Position</b>
<i>Peprah, K.</i>	<i>B.A., M.Phil., PhD. (Ghana)</i>	<i>Snr. Lecturer/HoD</i>
<i>Agyemang, I.</i>	<i>B.Sc.(Kumasi); MHE (Brussels); ICHE (Switzerland); FRGS (London) PhD. (UK)</i>	<i>Snr. Lecturer</i>
<i>Osumanu, I. K.</i>	<i>B.A., PhD. (Ghana)</i>	<i>Snr. Lecturer</i>
<i>Kpieta, B. A.</i>	<i>B.A. (Tamale); M.Phil, PhD. (Ghana)</i>	<i>Snr. Lecturer</i>
<i>Makain, J. S.</i>	<i>B.A. (Liberia); Grad. Dip. (Ghana); M.A. (UK)</i>	<i>Snr. Lecturer</i>
<i>Laari, P. B.</i>	<i>B.Sc., M.Sc. (Kumasi); PhD. (China)</i>	<i>Lecturer</i>
<i>Aabayir, R.</i>	<i>B.Sc., M.Sc., PhD. (Kumasi)</i>	<i>Lecturer</i>
<i>Yembilah, N. N.</i>	<i>B.A. MPhil., PhD. (Ghana)</i>	<i>Lecturer</i>
<i>Tuu, N. G.</i>	<i>B.A. (Tamale); M.Sc. (UK)</i>	<i>Lecturer</i>
<i>Yahaya, A. K.</i>	<i>B.A. (Tamale); M.Sc. (UK)</i>	<i>Lecturer</i>
<i>Kuurwabong, G.</i>	<i>B.A.M.Phil (Ghana)</i>	<i>Lecturer</i>
<i>Sumain, J. B. B.</i>	<i>B.A. (Ghana); M.Sc. (USA)</i>	<i>Lecturer</i>
<i>Bukar, I. F.</i>	<i>B.A.M.Phil (Tamale)</i>	<i>Lecturer</i>
<i>Tampab-Naab, M. A.</i>	<i>B.A., M.Phil (Cape Coast)</i>	<i>Lecturer</i>
<i>Achana, T. W. G.</i>	<i>B.A. (Ghana); MPhil (Norway)</i>	<i>Lecturer</i>
<i>Kosoe, A. E.</i>	<i>B.A. (Tamale); M.Sc. (Kumasi)</i>	<i>Lecturer</i>
<i>Amoah, T. S.</i>	<i>B.A. (Tamale); M.Sc. (Sweden)</i>	<i>Lecturer</i>

**Publications****Peprah, K.**

**Peprah K.** (2017). Trends in Global Development Paradigms and the Ramifications in Ghana (1950–2015). *Ghana Journal of Geography (Special Issue)*9 (1),40-66.

**Peprah K.** and N-yelkabong, A. (2017). Confluence or Conflict between Indigenous and Western Scientific Knowledge on Climate Change: The Case of Wa, Ghana. *Ghana Social Science Journal*,14(1), 49-83.

**Osumanu, I.K.**

**Osumanu, I. K.** and Ayamga, S. A. (2017) Collaboration and Partnership in Forest Conservation: The Role of Communities in the Management of Gbele Reserve in North-Western Ghana *Ghana Journal of Geography (Special Issue)*9,1,90-124.

**Aabeyir, R.**

- Mwingyine T. D., **Aabeyir, R.** and N.Fielmua (2017). Linking Academia and Community: Evidence from Student-Community Engagement in Ghana. *Ghana Journal of Development Studies*, 14 (1), 208 – 230.
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**Laari, B.P.**

- Ziggah, Y.Y., Youjian H, **Laari P.B** and Hui, Z. (2017). Novel Approach to Improve Geocentric Translation Model Parameters Using Artificial Neural Network Technology. *Ciênc. Geod*, sec. Artigos, Curitiba, 23, 213 – 233.
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- Agyemang, I.** (2017). Desk Study of Minamata Mercury Disaster and Policy Lessons in Ghana. *Journal of African Studies and Development*, 6.
- Kuu-Ire, M., **Agyemang, I.**, Twumasi A. (2016). Implications of Azumah Mining Activities on Land Based Livelihoods: Nadowli-Kaleo District of Ghana. *Journal of Social Science and Humanities Research* 1 (10).

**Bukari, F.**

- Bukari, F.**, Kendie, S.B., Sulemana, M. and Galaa, S. (2017). The Effects of Chieftaincy and Land Conflicts on the Socio-political Development of Northern Ghana. *International Journal of Social Science Research*, 5 (1), 101-119.

## DEPARTMENT OF ECONOMICS AND ENTREPRENEURSHIP DEVELOPMENT

### Staff

Name	Qualification(s)	RanK
<i>Nkegbe, P.K.</i>	<i>B.Sc (Tamale), M.Phil(Ghana), PhD. (Reading)</i>	<i>Senior Lecturer, HoD</i>
<i>Issahaku, H.</i>	<i>B.Sc (Tamale), M.Phil(Ghana)</i>	<i>Senior Lecturer</i>
<i>Asitik, J.A.</i>	<i>B.A., M.Phil(Cape Coast), PhD. (UCLan)</i>	<i>Lecturer</i>
<i>Domanban, P.B.</i>	<i>Dip Ed, B.A. (Cape Coast), MA(Ghana) PhD. Candidate (Tamale)</i>	<i>Lecturer</i>
<i>Honya, G.K.</i>	<i>B.Sc(Kumasi), M.Phil (Ghana) PhD. Candidate (Cape Coast)</i>	<i>Lecturer</i>
<i>Mahama, I.</i>	<i>Dip Ed, B.Sc(Cape Coast), M.Phil (Ghana), PhD. Candidate (Tamale)</i>	<i>Lecturer</i>
<i>Chiaraah, A.</i>	<i>B.A. (Cape Coast), M.A. (Japan)</i>	<i>Lecturer</i>
<i>Sekyi, S.</i>	<i>B.A., M.Phil (Cape Coast)</i>	<i>Lecturer</i>
<i>Dary, K.S.</i>	<i>B.Sc (Tamale), M.Phil(Ghana)</i>	<i>Lecturer</i>
<i>Abdul Mumin, Y.</i>	<i>B.A. (Tamale), M.Phil(Ghana)</i>	<i>Lecturer</i>
<i>Kuunibe, N.</i>	<i>B.A. MPhil (Cape Coast)</i>	<i>Lecturer</i>
<i>Ustarz, Y.</i>	<i>B.A. (Tamale), M.Phil (Ghana)</i>	<i>Lecturer</i>
<i>Abu, B.</i>	<i>B.A. (Tamale), M.Phil (Ghana)</i>	<i>Lecturer</i>

### Publications

#### Nkegbe, P. K.

**Nkegbe, P.K.**, Abu, B.M. and Issahaku, H. (2017). Food Security in the Savannah

Accelerated Development Authority Zone of Ghana: An Ordered Probit with Household Hunger Scale Approach. *Agriculture & Food Security*, 6 (35).

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Issahaku H., Harvey, S. K. and Abor J. Y. (2016). Does Development Finance Pose an Additional Risk to Monetary Policy? *Review of Development Finance*, 6, 91-104.

**Domanban, P. B.**

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**Sekyi, S.**

Nkegbe, P.K., Kuunibe, N. and Sekyi, S. (2017). Poverty and Malaria Morbidity in the Jirapa District of Ghana: A Count Data Approach. *Cogent Economics and Finance*, 5, No. 129.

Sekyi, S. (2017). Rural Households' Credit Access and Loan Amount in Ghana: Empirical Evidence from Wa Municipality. *International Journal of Economics and Financial Issues*, 7, (1), 506-514.

Abu, B.M., Domanban, P.B. and Sekyi, S. (2016). Credit Market Participation by Women-owned Small Scale Enterprises in Wa and Jirapa Districts of the Upper West region of Ghana. *Ghanaian Journal of Economics*, 4, 71-97.

Addai-Asante, J. and Sekyi, S. (2016). Stochastic Frontier Analysis of Production Technology: An Application to the Pharmaceutical Manufacturing Industry in Ghana. *World Journal of Current Economics Research*, 2, (1), 1-20.

**Dary, S.K.**

**Dary, S.K.**, James, H.S. and Mohammed A.S. (2017). Triggers of Farmer-Herder Conflicts in Ghana: A Non-Parametric Analysis of Stakeholders' Perspectives. *Sustainable Agriculture Journal*, 6, (2), 141-151.

**Abdul Mumin, Y**

Abdul Mumin, Y. (2017). Small Scale Irrigation, Farm Income and Access to Essential Services in the Busa Community of the Upper West Region of Ghana. *Ghana Journal of Development Studies*, 14, (1).

**Kuunibe, N.**

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**Ustarz, Y.**

Mustapha, S., Abdulai, I.A. and **Ustarz, Y.** (2016). Evaluating the Determinants of Access to Ghana Fertilizer Subsidy Program. *Asian Journal of Agricultural Extension, Economics & Sociology*, 11, 3, 1-11.

**Abu, B. M.**

**Abu, B.M.**, Domanban, P.B. and Issahaku, H. (2017). Microcredit Loan Repayment Default among SSEs in the Upper West Region of Ghana: A Double Hurdle Approach, Vol. 14, No. 1, (146-165).

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**Abu, B.M.**, Domanban, P.B. and Sekyi, S. (2016). Credit Market Participation by Women-owned Small Scale Enterprises in Wa and Jirapa Districts of the Upper West Region of Ghana. *Ghanaian Journal of Economics*, 4, 71-97.

**Abu, B. M.**, Issahaku, H. and Nkegbe, P.K. (2016). Farmgate Versus Market Centre Sales: A Multi-crop Approach. *Agricultural and Food Economics*, 4(21).

**DEPARTMENT OF DEVELOPMENT STUDIES****Staff**

<b>Name</b>	<b>Qualification(s)</b>	<b>Rank/Position</b>
<i>Kpieta, B. A.</i>	<i>B.A. (Tamale); MPhil, PhD. (Ghana)</i>	<i>Snr. Lecturer/HoD</i>
<i>Agyemang, I.</i>	<i>B.Sc (Kumasi); MHE (Brussels); ICHE (Switzerland); PhD. (Leeds); FRGS (London)</i>	<i>Snr. Lecturer</i>
<i>OwusuSekyere, E.</i>	<i>B.Ed (Cape Coast); MPhil; PhD (Ghana)</i>	<i>Snr. Lecturer</i>
<i>Yelfaanibe,A</i>	<i>B.A. (Tamale) MPhil (Tamale)</i>	<i>Lecturer</i>
<i>Puorideme,D.</i>	<i>B.A. (Tamale) MSc (Kumasi)</i>	<i>Lecturer</i>
<i>Wedam, E.</i>	<i>B.A.,M.Sc (Tamale)</i>	<i>Lecturer</i>
<i>Awinbugri, B.</i>	<i>B.A. (Tamale); M.Sc (Kumasi)</i>	<i>Lecturer</i>
<i>Atanga, A.</i>	<i>B.A. (Tamale); M.Sc (Kumasi)</i>	<i>Asst. Lecturer</i>

**Publications****Owusu-Sekyere, E.**

- Oteng-Ababio, M., **Owusu-Sekyere, E.** and Amoah, T. (2017). Landfill Externalities and Property Values Dilemma – Emerging Insights from Three Ghanaian cities, *Journal of Contemporary African Studies*, 35:3, 349-369.
- Oteng-Ababio, M., **Owusu-Sekyere, E.** and Amoah, T. (2017). Thinking Globally, Acting Locally: Formalizing Informal Solid Waste Management Practices in Ghana, *Journal of Developing Societies* 33, 1, 75–98.
- Owusu-Sekyere, E.**, Yakubu, A, R., and Wedam, E. (2017). The Central Medical Store Fire Disaster: A Test for Institutional Compliance in Disaster Prevention in Ghana. *SAGE Open*. 1-11.
- Owusu-Sekyere E.**, Attakora-Amaniampong E. and Dacosta, A. (2016). Wealth, Health, and Inequality: Households Exposure to Environmental Hazards *Geography Journal* 23(10), 1-9.

**Awinbugri, B.**

- Aniah, P. Katherine Kaunza-Nu-Dem, **M.Awinbugri, B.** and Millar, D. (2016). Characterizing and Explaining Smallholder Households' Views and Understanding of Climate Change in the Bongo District of Ghana. *Earth Sciences*, 5 (2), 26-38.
- Aniah, P., Katherine Kaunza-Nu-Dem, M Ikpe Emmanuel Quacou, Adongma Abugre, **Awinbugri Abindaw, B.** (2016). *The Effects of Climate Change on Livelihoods of Smallholder Farmers in the Upper East Region of Ghana. International Journal of Sciences: Basic and Applied Research*, 28 (2), 1-20.

**Yelfaanibe, A.**

Aniah, P and **Yelfaanibe, A.** (2016). Learning from the Past: The Role of Sacred Groves and Shrines in Environmental Management Practices in the Bongo District of Ghana. *Environmental Earth Sciences*, 75(10):1-9.

**Wedam, E. A.**

Wedam, E. A. andSanyare, F. N. (2017). Health Care Financing and Sustainability: A Study of Current Conceptual Dialectics in Ghana. *World Development Perspectives*, 5, 47-55.

Owusu-Sekyere, E., Adjuik, R. Y. and**Wedam, E.** (2017). The Central Medical Store Fire Disaster: A Test for Institutional Compliance in Disaster Prevention in Ghana. *SAGE Open*, 7(2).

Wedam, E., Quansah, J. Y. D. andDebrah, I. A. (2015). Community Participation in Educational Infrastructure Development and Management in Ghana. *Education*, 5(5), 129-141.

**DEPARTMENT OF SOCIAL POLITICAL AND HISTORICAL STUDIES**

**Staff**

<b>Name</b>	<b>Qualification(s)</b>	<b>Rank/Position</b>
<i>Albassan, E.</i>	<i>B.A. (Ghana), M.Phil(Ghana), PhD. (Ghana)</i>	<i>Snr.Lecturer/HoD</i>
<i>Galaa, S. Z.</i>	<i>B.A. (Ghana),M.Phil(Oslo), PhD. (Ghana)</i>	<i>Snr.Lecturer</i>
<i>Teng-zeng, F.K.</i>	<i>B.A.(Ghana), M.A., PhD. (Stellenbosch)</i>	<i>Snr.Lecturer</i>
<i>Bagah, D.A.</i>	<i>B.A. (Ghana), PG.D. (Sofia), M. Sc. &amp; Ph.D. (McMaster)</i>	<i>Prof.</i>
<i>Odame, S. F.</i>	<i>B.A. (Ghana) M.Phil (Ghana) Ph.D. (Tamale)</i>	<i>Snr. Lecturer</i>
<i>Maasole, C.S.</i>	<i>B.A. (Kumasi) M.Phil (Cape Coast) Ph.D. (Tamale)</i>	<i>Snr. Lecturer</i>
<i>Gasu, J.B.</i>	<i>B.A.(Ghana), M.Phil (Oslo),PhD. (Ghana)</i>	<i>Snr. Lecturer</i>
<i>Agbley G. K.</i>	<i>B.A. (Ghana), M.Phil., Ph.D. (Cambridge)</i>	<i>Lecturer</i>
<i>Marfo, S.</i>	<i>B.A. (Ghana) PG.D. (Cape Coast) M.Phil (South Africa)</i>	<i>Lecturer</i>
<i>Gyader, G.N.</i>	<i>B.A. (Norwich) MA (Norwich, Coventry) Ph.D. (New York)</i>	<i>Lecturer</i>
<i>Sanyare,, F.</i>	<i>B.A. (Tamale), M.Phil&amp;PhD.(Manchester)</i>	<i>Lecturer</i>
<i>Arthur, D. D.</i>	<i>B.A. (Ghana), M.Phil(Ghana)</i>	<i>Lecturer</i>
<i>Amosah, J.</i>	<i>B.A. ( Tamale)M. Sc. (Kumasi)</i>	<i>Lecturer</i>

<i>Bebelle, F.</i>	<i>B.A. (Tamale) MPhil (Tamale)</i>	<i>Lecturer</i>
<i>Haruna, U.</i>	<i>B.A., M.Phil (Cape Coast).</i>	<i>Lecturer</i>
<i>Yakubu, R. A.</i>	<i>B.A., M.Phil(Tamale),</i>	<i>Lecturer</i>
<i>Dandeebo, G.</i>	<i>B.A. (Tamale) M.Phil (Ghana)</i>	<i>Lecturer</i>
<i>Alenoma, G.</i>	<i>B.A. (Ghana) M.Phil (Ghana)</i>	<i>Lecturer</i>
<i>Dawuda, D. T.</i>	<i>B.A. (Tamale) M.Phil (Cape Coast)</i>	<i>Lecturer</i>

### **Research Interests**

#### **Alhassan, E.**

- i) Education, Gender and Basic Education
- ii) Rural development
- iii) Crime and Crime Control in Society

#### **Arthur, D.D.**

- i) Decentralization of Water and Sanitation Services Delivery in Rural Ghana.
- ii) Institutional Dimensions in Governance and Development with special interest in Decentralization.
- iii) Distributive Politics and Distributive Goods in Ghana

#### **Galaa S.Z.**

- i) Health Sector Financing
- ii) Maternal and Child Health Services Delivery
- iii) Health Sector Decentralisation and Community Participation in Health Care Delivery

#### **Marfo, S.**

- i) Disaster and coping strategy
- ii) Ethnic conflict and food insecurity
- iii) Small arms and security of nations

#### **Dandeebo, G.**

- i) Rural Development
- ii) Health and Child Development
- iii) Health Management

**Odame, F. S.**

- i) Gender and Development
- ii) Child Welfare and Protection
- iii) Rural Development

**Gyader, G. N.**

- i) Understanding the Implications of the New Digital Technology Age for Sustainable Development in Ghana
- ii) Evolution of Rural and National Industrial Development Efforts Since the 21<sup>st</sup> Century Global Technology Age: Social and Political Dimensions
- iii) Ghana in the International/Global Community and the Development Context

**Publications**

**Alhassan, E.**

Arthur, D.D. **Alhassan, E.** and Panta, A.M. (2016). Women Participation and Representation in local governance: An Analysis of the situation in the Wa Municipality of Upper West Region of Ghana. *International Journal of Innovative Social Sciences & Humanities Research* 4(4), 65-75.

**Alhassan, E., A, Abdul, K. I. and Arthur, D. D.**(2017). Implications of the Bawku Chieftaincy Conflict on Basic Education in the Bawku Traditional Area of the Upper East Region of Ghana. *University for Development Studies International Journal of Development*, 3 (2).

**Galaa, S.Z**

Atuoye, N. K, Vercelli S, Antabe R., **Galaa, S.Z**, Luginaah, I. (2016). Financial Sustainability Versus Access and Quality in a Challenged Health System: An Examination of the Capitation Policy Debate in Ghana. *Health Policy and Planning*, 1-10. Marfo, S.

**Marfo, S.**

**Marfo, S., Musah, H. and Arthur, D.D.** (2016) Beyond Classical Peace Paradigm: A Theoretical argument for a 'Globalized Peace and Security'. *African Journal of Political Science and International Relations*, 10 (4), 47-55.

**Arthur, D.D.**

- Samuel M, Halidu, M and **Arthur, D. D.** (2016). Beyond classical peace paradigm: A theoretical argument for a 'Globalised Peace and Security'. *African Journal of Political Science and International Relations*. 10 (4), 47-55.
- Eliasu, A, Abdul, K, I, and **Arthur, D, D.** (2017). Implications of the Bawku Chieftaincy Conflict on Basic Education in the Bawku Traditional Area of the Upper East Region of Ghana. *University for Development Studies International Journal of Development*, 3 (2).
- Arthur, D, D.** (2016). Examining the Effects of Governance Challenges in Ghana's Local Government System. A Case Study of the Mfantseman Municipal Assembly. *Journal of US-China Public Administration*, 13 (7), 454-465.
- Arthur, D, D.** Eliasu A. and Abdul-MoomenP.(2016). Women's Participation and Representation in Local Level Governance in Ghana. A Case Study of Wa Municipality of the Upper West Region. *International Journal of Innovative Social Sciences & Humanities Research*4 (4), 65-75.
- Opoku, K, F, **Arthur, D, D** and Antwi, K. B. (2016). Models for Human Resource Development Practice: Contributions from the American Society for Training and Development (ASTD). *African Development and Research Institute Journal, Ghana*, 25,1-13.
- Marfo, S., **Arthur, D. D.** and Akparep, J. Y. (2016). Coping with Bushfires in a Rural Community: Interrogating Farmers' Experiences in Yonso, Ghana. *African Development Research Institute Journal of Agriculture and Food Sciences, Ghana*. Vol. 3, 1-20.

**Gyader, G.**

- Gyader, G. (2017). Secularization: A Threat to a Centenary Old Catholicism in the Tamale-Ecclesiastical Province of Northern Ghana? A Study with Particular Reference to the Catholic Diocese of Wa. In Tengan, A. (eds.). *Religion, Culture, Society and Integral Human Development: Proceedings of Cardinal Porekuu Dery Third Colloquium*, 144 - 165.

**DEPARTMENT OF AFRICAN AND GENERAL STUDIES****Staff**

<b>Name</b>	<b>Qualification</b>	<b>Rank/Position</b>
<i>Tuurosong, D.</i>	<i>B.A., PG.D., M.Phil (Ghana), Ph.D. (Cape Coast)</i>	<i>Snr. Lecturer/HoD</i>
<i>Millar, D.</i>	<i>B.Sc, M.Sc, (Ghana); Ph.D. (The Netherlands)</i>	<i>Prof.</i>
<i>Berinyuu, A.A</i>	<i>Dip., (Ghana); M.A, (Toronto); MTh. (Hailifax), Ph.D. (Edinburg)</i>	<i>Assoc. Prof.</i>
<i>Baataar, C. K.M.</i>	<i>Dip., B.A. (Cape Coast); Ph.D. (Ghana)</i>	<i>Snr. Lecturer</i>
<i>Diedong, A. L.</i>	<i>Dip. (Ghana); B.A., M.Phil., Ph.D. (Rome)</i>	<i>Snr. Lecturer</i>
<i>Albassan, S. N.</i>	<i>B.A., (Ghana); M.Phil. (Norway), Ph.D. (Ghana)</i>	<i>Snr. Lecturer</i>
<i>Naaikuur*, L.</i>	<i>Dip., (Ghana); B.A., M.Phil. (Rome)</i>	<i>Lecturer</i>
<i>Paaga, D.</i>	<i>B.A., M.Phil (Cape Coast)</i>	<i>Lecturer</i>
<i>Dangbie*, A.</i>	<i>B.A., M.Phil (Tamale)</i>	<i>Lecturer</i>
<i>Awiah, P. C.</i>	<i>B.A., M.Phil., Ph.D. (Ghana)</i>	<i>Lecturer.</i>
<i>Mohammed, Y.</i>	<i>M.Phil (Tamale)</i>	<i>Lecturer</i>
<i>Agana, T.</i>	<i>B.A., M.Phil (Tamale)</i>	<i>Lecturer</i>

**Research Interest****Tuurosong, D.**

- i) Endogenous media in development
- ii) Potential of theatre for development
- iii) Indigenous modes of communication

**Awiah, P. C.**

- i) African Studies
- ii) Communication
- iii) Global Studies

**Publications****Diedong, L.A.**

Diedong, L. A. (2016). *Responsible Journalism and Quest for Professional Standards in Ghana*. Accra: Woeli Publishing Services.

Diedong, L. A. (2017). Donkor: A Case Study of Safety of Journalists in Ghana. *Ghana Journal of Development Studies*, 14 (1), 188 – 207.



**Awiah, P.**

Awiah, P. (2016). A Clash of Norms: Land Rights in Navrongo, Upper East Region of Ghana. In *Competing Norms: State Regulations and Local Praxis in sub-Saharan Africa*.Eds. Frankfurt / New York: Campus Verlag.

**FACULTY OF PLANNING AND LAND MANAGEMENT**

**Introduction**

The Faculty has the following four academic departments; Planning; Community Development; Real Estate and Land Management; and Governance and Development Management.

**Academic Programmes**

The Faculty runs ten academic programmes, comprising four post-graduate and six undergraduate programmes:

- i. M.Phil. Development Management
- ii. M.Sc. Development Management
- iii. M.Sc. Strategic Planning and Management
- iv. M.A. Community Development
- v. B.A. Integrated Community Development (ICD)
- vi. B.Sc. Planning
- vii. B.Sc. Development Management
- viii. B.Sc. Real Estate
- ix. B.Sc. Land Management.
- x. Diploma in Development Management

**Office of the Dean**

**Staff**

<b>Name</b>	<b>Qualification</b>	<b>Position/Rank</b>
<i>Derbile, E.K.</i>	<i>B.A. (Tamale), M.Sc. (Kumasi) Ph.D. (Dortmund)</i>	<i>Snr. Lecturer/Dean</i>
<i>Bonye, Z. S.</i>	<i>B.A., M.Phil. (Tamale)</i>	<i>Snr. Lecturer/Vice Dean</i>
<i>Abdulai, M.</i>	<i>HND (Tamale), BMS (Cape Coast), M.Phil. (Tamale)</i>	<i>Jnr. Asst. Registrar/Faculty Officer</i>
<i>Abdulai, I.</i>	<i>B.Sc. (UPSA), ICA (Gh)</i>	<i>Asst. Internal Auditor</i>

## Student Population

The Faculty has a student population of one thousand eight hundred and thirty eight (1,838), made up of one thousand two hundred and fifty (1,250) males and five hundred and eighty-eight (588) females.

### Student Admissions in the Faculty by Gender

Faculty	Male	Female	Total
FPLM	1,250	588	1,838

### Undergraduate Students by Levels and Gender

S/N	LEVEL	MALE	FEMALE	TOTAL
1.	100	190	91	281
2.	200	268	112	380
3.	300	314	170	484
4.	400	454	212	666
5.	Totals	1,226	585	1,811

### Graduate students by Levels

S/N	LEVEL	MALE	FEMALE	TOTAL
1.	500	12	2	14
2.	600	12	1	13
3.	Totals	24	3	27

## Outreach Programmes

Apart from the University-wide Third Trimester Field Practical Programmes (TTFPP), the Faculty has also developed outreach programmes for the communities immediately surrounding the Campus in Bamahu.

## Memoranda of Understanding

The Faculty signed the following Memoranda of Understanding during the year under review:

- i. In June 2017 FPLM signed a Memorandum of Understanding (MoU) with Jacksally, a local NGO based in Bole aimed, among other things, at: giving students hands-on

- experience in the development field and also to enable them apply their field knowledge to generate further learning outcomes; joint fundraising through joint proposals writing; and programmes and projects' development.
- ii. In February 2017, FPLM championed the signing of an MoU between UDS and IEED, UK on SITAM Project – Supporting smallholder farmers' decision-making: Managing tradeoffs and synergies for sustainable intensification.
  - iii. In July 2017, FPLM also championed the signing of an MoU for the award of DAAD – Stipend for FPLM graduate programme in M.Phil. Development Management.

### Academic Departments

- i. Department of Community Development
- ii. Department of Planning
- iii. Department of Real Estate and Land Management
- iv. Department of Governance and Development Management

## DEPARTMENT OF COMMUNITY DEVELOPMENT

### Staff

Name	Qualification	Position/Rank
<i>Akudugu, J.A.</i>	<i>B.A. (Tamale), M.Sc. (Kumasi) Ph.D. (Bonn)</i>	<i>Snr. Lecturer/HoD</i>
<i>Aasoglenang, T. A.</i>	<i>B.A. (Tamale), M.Sc. (Kumasi)</i>	<i>Snr. Lecturer</i>
<i>Alatinga, K. A.</i>	<i>B.A. (Tamale), M.A. (Bochum), MPA, Ph.D. (Cape Town)</i>	<i>Lecturer</i>
<i>Jasaw, G. S.</i>	<i>B.Sc. (Kumasi), M.Sc. (London) Ph.D. (Tokyo)</i>	<i>Snr. Lecturer</i>
<i>Engmen, S. Y.</i>	<i>B.A. (Kumasi), M.A. (The Hague)</i>	<i>Lecturer</i>
<i>Aziabah, M. A.</i>	<i>B.A. (Ghana), M.Sc. (Kumasi)</i>	<i>Lecturer</i>
<i>Beyuo, A. N.</i>	<i>B.Sc., M.Phil. (Tamale)</i>	<i>Lecturer</i>
<i>Soliku, O.</i>	<i>B.A. (Tamale), M.Sc. (Kumasi)</i>	<i>Lecturer</i>
<i>Mohammed, S. A.</i>	<i>B.A. (Tamale), M.Phil. (Kumasi)</i>	<i>Lecturer</i>
<i>Guba, B. Y.</i>	<i>B.Sc., M.Sc. (Kumasi)</i>	<i>Lecturer</i>
<i>Akurugu, C. A.</i>	<i>B.A., M.Phil. (Tamale)</i>	<i>Lecturer</i>
<i>Morzdeb-Ekpampo, M.</i>	<i>B.A., M.Phil. (Tamale)</i>	<i>Lecturer</i>
<i>Dapilah, F.</i>	<i>B.A. (Tamale), M.Phil. (Ghana)</i>	<i>Lecturer</i>
<i>Dayour, F.</i>	<i>B.Sc., M.Phil. (Cape Coast)</i>	<i>Lecturer</i>
<i>Albassan, B.</i>	<i>B.A., M.Phil. (Ghana)</i>	<i>Lecturer</i>

## Publications

### Akudugu, J. A.

Addaney, M., **Akudugu, J. A.** and Asare, E. S. (2016). Prospects and Challenges of Rural Small Scale Industries in the Sunyani Municipality. *Asian Development Review*, 4(4), 111- 126.

### Alatinga, K. A.

**Alatinga, K. A.** and Williams, J. J. (2016). Mixed Methods Research for Health Policy Development in Africa: The case of identifying very poor households for Health Insurance premium exemptions in Ghana. *Journal of Mixed Methods Research*, 1 – 16.

### Jasaw, G. S.

**Jasaw, G. S.**, Saito, O. and Takeuchi, K. (2017). Material-flow analysis of shea butter production systems: implications for sustainability in semi-arid Ghana, in Saito, O., Kranjac-Berisavljevic, G., Takeuchi, K., Gyasi, E., (Eds.), *Science for Sustainable Societies: Strategies for Building Resilience against Climate and Ecosystem Changes in Sub-Saharan Africa*. Springer, 206-234.

Saito, O., Boafo, Y.A. and **Jasaw, G. S.** (2017). Toward Enhancing Resilience to Climate and Ecosystem Changes in Semi-Arid Africa: Evidence from Northern Ghana. In Saito O., Kranjac-Berisavljevic, G., Takeuchi, K., Gyasi, E., (Eds.), *Science for Sustainable Societies: Strategies for Building Resilience against Climate and Ecosystem Changes in Sub-Saharan Africa*. Springer, 1-18

Saito, O., Boafo, Y.A., **Jasaw, G. S.** and Antwi, E. (2017). The Ghana Model for Resilience Enhancement in Semi-Arid Ghana: Conceptualization and Social Implementation. In Saito O., Kranjac-Berisavljevic, G., Takeuchi, K., Gyasi, E., (Eds.). *Science for Sustainable Societies: Strategies for Building Resilience against Climate and Ecosystem Changes in Sub-Saharan Africa*. Springer, 19-30.

Otsuki, K, **Jasaw, G.S.** and Lolig, V. (2017). Linking Individual and Collective Agency for Enhancing Community Resilience in Northern Ghana. *Society and Natural Resources*, 30.(9): 1-15,

### Aziabah, M. A.

Aziabah, M. A. (2017). Privatisation of Compulsory Education in Ghana: Examining the Developments so far. In Koinzer, Thomas/Nikolai, Rita/Waldow, Florian (Hrsg.). *Private Schools and School Choice in Compulsory Education. Global Change and National Challenges*. Wiesbaden: Springer, 133-150.

Aziabah, M. A. (2017). Decentralisation and Internationalisation of School-based Management in Ghana: Implications for School Policy Reform. In J. Schmid, K. Amos, J. Schrader, and A. Thiel (Eds.). *Governance und Interdependenz von Bildung. Internationale Studien und Vergleiche*. Baden-Baden: Nomos.

## DEPARTMENT OF REAL ESTATE AND LAND MANAGEMENT

### Staff

Name	Qualification	Rank/Position
Ameyaw, S.	B.Sc. (Kumasi), M.Phil. (Cambridge)	Lecturer/HoD
Attakora-	B.A. (Accra), M.Sc., (Stockholm), MBA	Lecturer/Exams
Amaniampong, E.	(Ronneby)	Officer,
Nara, B. B.	B.A. (Tamale), M.Phil. (Kumasi)	Lecturer
Biitir, B. S.	B.Sc., M.Phil. (Kumasi), M.Sc. (Rotterdam), M.GhIS. (Ghana)	Lecturer
Kuusaana, D.E.	B.Sc. (Kumasi), M.Sc. (Munich), Ph.D. (Bonn)	Lecturer/Faculty Exams Officer
Akortsu, W.	B.Sc. (Kumasi), M.Sc. (Arnhem), M.GhIS. (Ghana)	Lecturer
Anzagra, L.	B.Sc. (Cape Coast), M.Sc. (Tamale)	Lecturer
Boamah, A.N.	B.Sc. (Kumasi), M.Phil. (Cambridge), M.Sc. (Liverpool),	Lecturer
Aziaba, A.S.	B.Sc., M.Sc. (Kumasi)	Lecturer
Tuonianuo, M.D.	B.Sc., M.Phil. (Kumasi)	Lecturer

### Publications

#### Kuusaana, E. D.

**Kuusaana, E. D.** (2017). Winners and Losers in Large-scale Land Transactions in Ghana - Opportunities for win-in outcomes. *African Review of Economics and Finance*, 9, 1, 62-95.

Adzi-tay, A., Asante, L. A., and **Kuusaana, E. D.** (2017). Contested Space, Commercial-driven Land Use Transition and Adaptive Livelihood Strategies: A Case Study of Yeji. *Journal of Geography and Development*, 1, 20-30.

**Attakora-Amaniampong, E**

**Attakora-Amaniampong, E.** (2016). Project Management Competencies of Building Construction Firms: A Structural Equation Model Approach, *Architecture Research*, 6(3), 68-79.

**Attakora-Amaniampong, E.** Owusu-Sekyere E and Aboagye D. (2016). Urban Floods and Residential Rental Values Nexus in Kumasi, Ghana. *Ghana Journal of Development Studies*, 13(2) , 176-194.

Owusu-Sekyere, E., **Attakora-Amaniampong, E.**, Aboagye, D. (2016). Wealth, Health and Inequality: Households Exposure to Environmental Hazards. *Geography Journal*.

**DEPARTMENT OF PLANNING**

**Staff**

<b>Name</b>	<b>Qualification</b>	<b>Rank/Position</b>
<i>Akanbang, B. A. A</i>	<i>B.Sc.,M. Phil. (Kumasi), Ph.D. (Ghana)</i>	<i>Snr. Lecturer/HoD</i>
<i>Bacho, F. Z. L</i>	<i>B.A., (Cape Coast), PG. Dip. (Ghana), M.Sc. (Kumasi), Ph.D. (Dortmund)</i>	<i>Assoc. Prof.</i>
<i>Derbile, E. K.</i>	<i>B.A., (Tamale), M.Sc., (Kumasi), Ph.D. (Bonn)</i>	<i>Snr. Lecturer</i>
<i>Abiuro, G. A.</i>	<i>B.A., (Tamale), M.Sc., (Cape Town), Ph.D. (Heidelberg)</i>	<i>Lecturer</i>
<i>Jarawura, F. X.</i>	<i>B.A., (Tamale), M. Phil.,(Oslo),Ph.D. (Ghana)</i>	<i>Lecturer/Quality Assurance Officer</i>
<i>Ziemah, M. K.</i>	<i>B.Sc., M. Sc. (Kumasi)</i>	<i>Lecturer</i>
<i>Agbenyo, F.</i>	<i>B.A.,(Tamale), M.Sc. (Kumasi)</i>	<i>Lecturer</i>
<i>Avogo, F.</i>	<i>B.Sc., M. Phil (Kumasi), M.Sc. (Rotterdam)</i>	<i>Asst. Lecturer</i>
<i>Nelson, J. K. B.</i>	<i>B.Sc., M. M.Sc. (Kumasi).</i>	<i>Lecturer</i>
<i>Okra, M.</i>	<i>B.A., (Tamale), M.Sc. (Kumasi).</i>	<i>Lecturer</i>
<i>Akaateba, M. A.</i>	<i>B.Sc., (Kumasi), M.Sc. (Leeds).</i>	<i>Lecturer</i>
<i>Yakubu, I.</i>	<i>B.A., (Tamale), M. Phil. (Ghana).</i>	<i>Lecturer</i>

**Research Interests**

**Akanbang, B. A. A**

- i) Programme Evaluation; urban transformations; organizational learning and development; Water and Sanitation Planning and Management

**Bacho, F. Z. L.**

- i) Urban land access, management and development dynamics.
- ii) Global processes, natural resource ownership, control, livelihoods sustainability, International relations, public policy, resource governance and the development nexus.

**Derbile, E. K.**

- i) Local and indigenous knowledge systems; Livelihood vulnerability and sustainability; Environmental change and climate change adaptation and planning

**Abiuro, G. A.**

- i) Public health; Health economics; Health policy and planning

**Jarawura, F. X.**

- i) Migration; Climate Change Adaptation and Governance; Rural Livelihoods; and Agrarian Change

**Nelson, J. K. B.**

- i) Infrastructure planning/development policy and financing; public-private partnerships and infrastructure; housing policy planning and housing materials

**Akaateba, M. A.**

- i) Co-production and bottom-up planning practices, urban informality, and road traffic safety in sub-Saharan Africa

**Yakubu, I**

- i) Urbanization and development; urban housing systems

**Nunbogu, A. M.**

- i) Climate Change Vulnerability and Adaptation; Urban Planning; Rural-urban Inter-linkages in developing countries.

**Adams, M.**

- i) Survival and Longitudinal Studies; Multivariate Analysis; Mathematical Statistics

## Publications

### Abiuro G. A

Agbemayo F., Galaa Z. and **Abiuro G. A.** (2017). Challenges of the targeting approach to social protection: An assessment of the Ghana Livelihood Empowerment against Poverty Programme in the Wa Municipality of Ghana. *Ghana Journal of Development Studies*, 14(1), 19-38.

### Akaateba, M. A.

Huang, H. and **Akaateba M.A.** (2017). Exploratory practices of post-rural urbanization in China: processes, actors and performance. *TRIALOG* 122 3/2015, 35-41.

### Avogo, F. A.

**Avogo, F. A.**, Wedam, A. E. and Opoku Mensah, S. (2017) Housing transformations and livelihood outcomes in Accra, *Ghana Cities*, 68, 92-103.

## DEPARTMENT OF GOVERNANCE AND DEVELOPMENT MANAGEMENT

### Staff

Name	Qualification	Rank/Position
<i>Sulemana, M.</i>	<i>B.Sc. M.Sc., (Kumasi), Ph.D. (Skudai)</i>	<i>Snr. Lecturer/HoD</i>
<i>Bonye, S. Z.</i>	<i>B.A, M.Phil. (Tamale),</i>	<i>Snr. Lecturer</i>
<i>Kanlisi, K.S.</i>	<i>B.A. (Tamale), M.Sc. (Kumasi)</i>	<i>Lecturer/DDM Coordinator</i>
<i>Yendaw, E.</i>	<i>B.A., M.Phil. (Cape Coast)</i>	<i>Lecturer</i>
<i>Domopielle, M.</i>	<i>B.A. (Tamale), PG. Dip. M.Sc., Ph.D.</i>	<i>Lecturer</i>
<i>K.</i>	<i>(Bradford)</i>	
<i>Bagson, E.</i>	<i>B.A., M.Phil. (Ghana)</i>	<i>Lecturer</i>
<i>Yeboah, K. B.</i>	<i>B.Sc. M.Sc. (Kumasi)</i>	<i>Lecturer</i>

## Publications

### Sulemana M.

Bukari, M. I. F., Kendie, B. S., **Sulemana, M.**, Galaa, Z. S. (2017). The effects of Chieftaincy and Land Conflicts on the Socio-political Development of Northern Ghana. *International Journal of Social Science Research*, 5,.101-119.



- Sulemana, M.** (2016). Measuring Multidimensional Poverty in Ghana's East Gonja District. *Journal of Poverty Alleviation and International Development*, 7(2), 159-182.
- Rafee, M. M., Jaffar, A. R., Noordini, C. M., Mehdrad, V. and **Sulemana, M.** (2016). Mapping Poverty Hot Spots in Peninsular Malaysia using Spatial Autocorrelation Analysis. *Journal of the Malaysian Institute of Planners*, Special issue, 1 – 16.
- Kanlisi, K. S.**
- Kanlisi K. S.,** Issaka A. H., Akwetey F. (2017). Effect of the National Health Insurance Scheme on Community-Based Health Planning and Services in the Vieri Zone of Wa West District of Ghana. *Humanities and Social Sciences*. 5(1), 31-45.
- Kanlisi, K. S.** (2016). The Effect of Student Learning Strategies on Performance and Carrier Development: The Case of University for Development Studies, Wa Campus. *Education Journal*. 5(6), 174-182.

## **FACULTY OF APPLIED SCIENCES**

### **Introduction**

The Faculty of Applied Sciences is one of the two Faculties on the Navrongo Campus with its core mandate being teaching, research and community service. The Faculty's annual report forms part of the Vice-Chancellor's Annual Report to the 18<sup>th</sup> Congregation. It contains up-to-date information on the state of the Faculty, activities carried out during the reporting period, expectations and future direction towards the growth and development of the Faculty in particular, and the University as a whole.

### **Departments of the Faculty**

The Faculty of Applied Sciences, which was established after the Faculty of Integrated Development Studies, has four major departments. These are:

- i. The Department of Applied Physics
- ii. The Department of Applied Biology
- iii. The Department of Applied Chemistry and Biochemistry
- iv. The Department of Earth and Environmental Sciences.

The Faculty of Applied Sciences offers the following undergraduate programmes within the various departments:

- i. B.Sc. Applied Biology

- ii. B.Sc. Applied Chemistry
- iii. B.Sc. Applied Physics
- iv. B.Sc. Biochemistry
- v. B.Sc. Earth Science
- vi. B.Sc. Environmental Science
- vii. B.Ed. Science

### Staff

Name	Qualifications	Rank/Position
Sackey, I.	<i>B.Sc., Dip. Ed. (Cape Coast), M.Phil. (Ghana), Ph.D.(UoB)</i>	<i>Snr. Lecturer/Dean</i>
Oseni, L. A	<i>B.Sc. (Kumasi), M.Phil. (Uito-Tromsø)</i>	<i>Snr. Lecturer/Vice Dean</i>
Ansoglenang, G	<i>B.A. (Tamale), M.Phil. (Uito-Tromsø)</i>	<i>Snr. Asst.Registrar/Faculty Officer</i>
Ateng, M.A.	<i>BA. (Tamale), M.Phil. (Cape Coast)</i>	<i>Asst. Registrar</i>

### Students Population

The Faculty of Applied Sciences has a total studentspopulation of seven hundred and seventy-one (771), out of which thirteen (13) are postgraduate students. The breakdown according to year group is as follows:

Level (Year)	Number
First year	111
Second year	205
Third year	267
Fourth	175
First Year (M.Sc./M.Phil. Applied Chemistry)	3
Second Year (M.Sc./M.Phil. Applied Chemistry)	10
Total	771

**DEPARTMENT OF APPLIED CHEMISTRY AND BIOCHEMISTRY**

<b>Name</b>	<b>Qualification</b>	<b>Rank/Position</b>
<i>Donkor, A.M.</i>	<i>B.Sc., Dip.Ed (Cape Coast), M.Sc., Ph.D. (USA)</i>	<i>Snr.Lecturer/HoD</i>
<i>Pelig-Ba, K. B.</i>	<i>B.Sc., Dip.Ed, M.Sc. (Cape Coast), Ph.D. (Reading)</i>	<i>Snr. Lecturer</i>
<i>Apea, O.B.</i>	<i>B.Sc. M.Sc. (Bayero), Ph.D. (Kumasi)</i>	<i>Snr. Lecturer</i>
<i>Abagale, A.S.</i>	<i>B. Sc. (Cape Coast), M.Sc., Ph.D. (Kumasi)</i>	<i>Snr.Lecturer</i>
<i>Oseini, L. A.</i>	<i>B.Sc. (Kumasi), M.Phil.(Uito-Tromsø)</i>	<i>Snr. Lecturer</i>
<i>Ibrahim, S.</i>	<i>B.Sc. M.Sc. (Kumasi), Ph.D. (UK)</i>	<i>Lecturer</i>
<i>Abugri, J.</i>	<i>B.Sc. M.Sc., Ph.D. (Ghana)</i>	<i>Lecturer</i>
<i>Oyelude, E.O.</i>	<i>B.Tech. (FUT-Owerri), M.Sc. (Uniben)</i>	<i>Lecturer</i>
<i>Chi, V.M.</i>	<i>B.Sc., M.Sc. (Bayero)</i>	<i>Lecturer</i>
<i>Apaseku, J.</i>	<i>B.Sc. (Cape Coast), M.Sc. (Kumasi)</i>	<i>Lecturer</i>
<i>Donkor, M. N.</i>	<i>B.Sc. (Cape Coast), M.Sc. (London)</i>	<i>Lecturer</i>
<i>Pedavoah, M</i>	<i>B.Sc. (Tamale), M.Sc. (Kumasi)</i>	<i>Lecturer</i>
<i>Dang-I, A.Y</i>	<i>B.Sc. (Tamale), M.Sc. (Abuja)</i>	<i>Lecturer</i>
<i>Oduro-Mensah, D.</i>	<i>B.Sc., M.Phil. (Ghana)</i>	<i>Lecturer</i>
<i>Sunwiale, S. S.</i>	<i>B.Sc. (Tamale), MPhil (Kumasi).</i>	<i>Asst. Lecturer</i>
<i>Suurbaar, J.</i>	<i>B.Sc., M.Phil. (Tamale)</i>	<i>Asst. Lecturer</i>

**Programmes**

The Department runs two degreeprogrammes leading to the award of B.Sc. Biochemistry and B.Sc. Applied Chemistry. In addition, two postgraduate programmes of the Department (at the Masters' level in Applied Chemistry) have commenced since 2011/2012 academic year.

**Students Population**

The population of students in the Department by gender and year is summarized in the table below:

**B.Sc. Applied Chemistry**

<b>Year</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
<b>First</b>	19	4	21
<b>Second</b>	61	6	67
<b>Third</b>	8	2	10
<b>Fourth</b>	7	3	11
<b>Total</b>	<b>86</b>	<b>12</b>	<b>98</b>

**B.Sc. Biochemistry**

Year	Male	Female	Total
<b>First</b>	52	15	67
<b>Second</b>	67	10	76
<b>Third</b>	123	30	153
<b>Fourth</b>	79	17	96
<b>Total</b>	<b>285</b>	<b>61</b>	<b>346</b>

**M.PHIL. Applied Chemistry**

Year	Male	Female	Total
<b>First</b>	1	0	1
<b>Second</b>	6	1	7
<b>Total</b>	<b>7</b>	<b>1</b>	<b>8</b>

**M.Sc. Applied Chemistry**

Year	Male	Female	Total
<b>First</b>	2	0	2
<b>Second</b>	3	0	3
<b>Total</b>	<b>5</b>	<b>0</b>	<b>5</b>

**Research Interests****Donkor, A-M.**

- i. In Vitro studies of plant extracts and their ointment formulations with drug delivery vehicles (PEG Systems, liposomes, PEG-PLA Systems, PGA Systems) against wound pathogens.
- ii. In vitro investigation of bioactivity of extracts of plant from Ghana as antiplasmodial agents.
- iii. Investigation of extract of plants from Ghana and their ointment formation as repellent against mosquito vector.

**Pelig-Ba K. B.**

- i. Levels of agricultural pesticides in some selected irrigated dams in the Upper East Region of Ghana.
- ii. Phytic acid levels in local cereals.

- iii. Determination of levels of trace elements in fish tissues in irrigation dams in Tono and Veve in the Upper East Region of Ghana.

**Apea, O. B.**

- i. Modeling the anti-diabetic activity of dry pawpaw leaf aqueous extracts.
- ii. Chemical analysis and comparative study of human milk from selected Districts in Greater Accra, Ghana.
- iii. Modeling the effects of humic substances on trace metal partition in the soil.

**Oseni, L. A.**

- i. Alpha-glucosidase and alpha- amylase inhibitors of natural origin.
- ii. Design, synthesis and evaluation of novel inhibitors in glycosidase and amylase inhibition assays.
- iii. Docking studies of potential carbohydrate hydrolases inhibitors.

**Oyelude, E. O.**

- i. Water and waste treatment using locally available low-cost materials.
- ii. Development of affordable and effective adsorbents and activated carbon from locally available materials.
- iii. Characterization of local clay deposits for possible industrial exploitation.

**Apaseku, A. J.**

- i. Assessing the removal of fluoride ion from borehole water in the Bongo District by using termite clay and soil laterite.
- ii. Assessing a constructed Manson-Jar using jam bottle for the micro-diffusion procedure by direct alkaline treatment to estimate labile N from soil and organic fertilizers.
- iii. Comparison of aerobic, anaerobic incubation versus alkaline micro-diffusion labile as N.

**Mbatchou, V. C.**

- i. Isolation of compounds by the use of solvents, normal TLC, preparative TLC and column chromatographic methods.
- ii. Essential oils and compounds in plants and their aphrodisiac potentials in some mammals in comparison to standard aphrodisiacs.

- iii. Secondary metabolites (natural products) in *Agama agama* and *Chiropteralucifungus* animal samples, and their growth inhibitory effects on *Streptococcus pneumonia* (Pneumonia causative agent).

**Abugri, J.**

- i. Role of immune induced gene variation in determining *Plasmodium falciparum* erythrocyte invasion mechanisms in Ghana.
- ii. Whole genome sequence and transcriptions of *Plasmodium falciparum*.
- iii. Erythrocyte invasion mechanisms by *Plasmodium falciparum*.

**Donkor, M.N.**

- i. Detection of drugs and toxins using biological specimens with emphasis on hair and nail samples.
- ii. Profiling of cultivated drugs of abuse using trace metals/impurity analyses.
- iii. Chemical analysis of trace evidence with the aim developing a trace evidence database.

**Abagale, S.**

- i. Research activities involve the search for integrated pest management of the Banana weevil in Ghana; Pesticidal incidence in foods
- ii. Research interest include areas of Organic chemistry; Biochemistry; Indigenous chemical processes; Medicinal and pharmaceutical chemistry; Chemical ecology.

**Pedavoah, M.M.**

- i. Water treatment and purification using agricultural waste materials.
- ii. Studies on Biofuels (biodiesel and ethanol) for underutilized plant resources.
- iii. Studies on unidentified or underutilized oil plants.

**Dang-I, A.**

- i. Reduction of beany flavor in soy milk extracts.
- ii. Filtration of microbes and fluoride using ceramic filters.

**Oduro-Mensah, D**

- i. Microbial applications in bioconversion / biotechnology
- ii. Cocoa and cola waste remediation and conversion of wood wastes to biofuels.

## Publications

**Donkor, A-M.**

**Addai-Mensah Donkor**, Rex Osae-Nyarko Junior (2016). Preliminary Investigation Associated with Antibacterial Potency of both Juice Extract and an Isolate from Aloe Vera Gel. *British Journal of Medicine & Medical Sciences*, 11(7): 1-6.

**Donkor AM**, Oduro-Mensah D and Konona-Ang P (2016). In vitro antibacterial activity of peg formulations of crude extracts of *Cleome viscosa*, *Tamarindusindica* and *Euphorbia hirta*. *Research Journal of Microbiology*, 11:202-207.

**Donkor AM**, Nashrrudeen Y, Suurbaar J (2016). Stability Evaluation and Degradation Kinetics of Rutin in *Ficuspumilaleaves* Formulated with Oil extracted from *Moringa oleiferaseeds*. *Journal of Analytical & Pharmaceutical Research* 3(2): 51.

**Abagale, S.**

**Samson A. Abagale**, Lateef A. Oseni, Felix K. Abagale and NaanaOseifosu (2016).

Chemical analyses of Shea butter from Northern Ghana: Assessment of six industrial useful chemical properties, *Journal of Chemical Engineering and Chemistry Research*, 3(1): 953- 961.

**Abugri, J.**

**Dinko, B., Ayivor-Djanie, R., Abugri, J., Agboli, E., Kye-Duodu, G., Tagboto, S., Tampuori, J., Adzaku, F., Binka, F.N. and Awandare, G.A., (2016).**

Comparison of malaria diagnostic methods in four hospitals in the Volta region of Ghana. *Malaria World Journal*, 7(5):1-6.

**Mensah-Brown, H.E., Abugri, J., Asante, K.P., Dwomoh, D., Dosoo, D., Atuguba, F., Conway, D.J. and Awandare, G.A., (2017).** Assessing the impact of differences in malaria transmission intensity on clinical and haematological indices in children with malaria. *Malaria journal*, 16(1): 96.

**Oseni, L. A.**

**Samson A. Abagale, Lateef A. Oseni, Felix K. Abagale and NaanaOseifosu (2016).**

Chemical analyses of Shea butter from Northern Ghana: Assessment of six industrial useful chemical properties, *Journal of Chemical Engineering and Chemistry Research*, 3(1): 953-961.

**Suurbaar, J.**

Donkor A. M, Mosobil R, **Suurbaar J** (2016). In Vitro Bacteriostatic and Bactericidal Activities of *Senna alata*, *Ricinus communis* and *Lanneabarberi* extracts Against Wound and Skin Disease Causing Bacteria. *Journal of Analytical & Pharmaceutical Research*, 3(1): 00046.

Donkor A. M, Nashrudeen Y, **Suurbaar J** (2016). Stability Evaluation and Degradation Kinetics of Rutin in *Ficus pumila* leaves Formulated with Oil extracted from *Moringa oleifera* seeds. *Journal of Analytical & Pharmaceutical Research* 3(2): 00051.

**DEPARTMENT OF EARTH AND ENVIRONMENTAL SCIENCES****Staff**

Name	Qualifications	Rank/Position
Arhin, E.	B.Sc., M.Phil. (Kumasi), Ph.D.(Leicester),	Snr. Lecturer/HoD
Ampadu, B.	B.Sc. (Kumasi), M.Sc. (Dar es Salaam), Ph.D. (Lancaster),	Snr. Lecturer
Anim-Gyampo, M.	B.Sc., M.Sc., (Kumasi)	Snr. Lecturer
Zango, M.S	B.Sc., M.Sc., (Kumasi)	Snr. Lecturer
Biyogue, D. N.	B.Sc, M.Sc., (Lome), M.Phil. (Senegal), Ph.D. (Ghana)	Lecturer
Adonadaga, M-G.	B.Sc. (Cape Coast), M.Sc. (Kumasi), Ph.D. (Germany)	Lecturer
Opoku, E. A.	B.Sc. (Kumasi). M.Phil. (Cambridge)	Lecturer
Abanyie, S.	B.Sc. (Ghana), M.Sc. (Kumasi)	Lecturer
Ampofo, S.	B.A (Ghana), M.Sc.(Kumasi)	Lecturer
Amadu, C.C.	Dip., B.Sc., M.Sc. (Kumasi)	Lecturer
Berdie, B.S.	B.Sc. (Tamale), M.Phil.(Ghana)	Asst. Lecturer
Kazapoe, R.	B.Sc. (Tamale), M.Phil. (Ghana)	Asst. Lecturer
Abu, M.	B.Sc. (Tamale), M.Phil. (Ghana)	Asst. Lecturer

**Students Population**

The Department runs two degree programmes; B.Sc. Earth Science and B.Sc. Environmental Science with student population of 188, of which 147 are males and 41



females. The table below shows the student distribution as at the end of the 2016/2017 academic year.

#### Students Population as at the End of 2015/2016 Academic Year

PROGRAMME	LEVEL	GENDER		TOTAL
		Male	Female	
B.Sc (Earth science)	100	5	2	7
	200	18	2	20
	300	29	10	39
	400	31	2	33
	100	3	6	9
B.Sc (Environmental science)	200	20	6	26
	300	25	12	37
	400	16	1	17
Total		147	41	188

#### Publications

**Arhin, E.**

**Emmanuel Arhin** and Raymond Kazapoe (2017). "Selenium in Locally Produced Food Crops and Implications on Healthy Eating: A Case Study at the Talensi District of Ghana". *EC Nutrition* 8.3 (2017): 85-92.

**Arhin, E.,** Kazapoe R. and Zango M. S. (2017). The hidden dangers of unknowingly ingesting harmful trace elements from food crops and their health implications: a case study at Talensi District in the Upper East Region, Ghana. *EC Nutrition*, 7 (1): 34-45.

**Arhin, E.,** and Zango M. S. (2016). Impact of trace elements in the natural environment and public health: a medical geology perspective. *Ann. Public Health Res.*, 3(4): 1051.

**Arhin, E.,** Zango, M.S. and Berdie, B. S. (2016). Geochemical background of some potentially toxic and essential trace elements in soils at the Nadowli District of the Upper West Region of Ghana. *Journal of Earth, Environment and Health Sciences*. 2(2): 56-65.

**Zango, M. S.**

Arhin, E., **Zango, M.S.** and Berdie, B. S. (2016). Geochemical background of some potentially toxic and essential trace elements in soils at the Nadowli District of the Upper West Region of Ghana. *Journal of Earth, Environment and Health Sciences*. 2(2) p.56-65.

**Abanyie, S. K.**

**Abanyie S. K.**, Boateng A., and Ampofo S. (2016). Investigating the potability of water from dug wells: A case study of the Bolgatanga Township, Ghana. *African Journal of Environmental Science and Technology*, 10(10): 307-315.

Nang B. D., **Abanyie, S. K.**, and Ampofo S. (2017). Solid Waste Management Challenges in Urban Areas of Ghana: A Case Study of Bawku Municipality. *International Journal of Geoscience*

**Amadu, C. C.**

**Amadu C.C.**, Appiah-Agyei E., Gidigas S. (2017). Measurement and Characterisation of Fractures in Parts of the Togo Structural Units (TSU) and Dahomeyan Formation, southeast Ghana. *Journal of Natural Sciences Research* ([JNSR@iiste.org](mailto:JNSR@iiste.org)).

**Amadu C. C.**, Foli G., Abanyie S. (2017) Rock fracture characterisation for waste disposal site selection: A Case from the parts of TSU and Dahomeyan formations, southeast Ghana. *Journal of Environment and Earth Sciences* ([JEES@iiste.org](mailto:JEES@iiste.org)).

**Amadu C. C.**, Appiah-Agyei E., Musah R. (2017) Numerical Modeling of Contaminant Transport in Fractured Crystalline Rocks (FCR) in the Accra-Tema Area, SE Ghana. *International Journal of Mathematical Modelling and Optimisation*.

**Berdie, B. S.**

Arhin, E., Zango, M.S. and **Berdie, B. S.** (2016). Geochemical background of some potentially toxic and essential trace elements in soils at the Nadowli District of the Upper West Region of Ghana. *Journal of Earth, Environment and Health Sciences*. 2(2): 56- 65.

**Kazapoe, R.**

Emmanuel Arhin and **Raymond Kazapoe** (2017). "Selenium in Locally Produced Food Crops and Implications on Healthy Eating: A Case Study at the Talensi District of Ghana". *EC Nutrition* 8.3 (2017): 85-92.

Arhin, E., **Kazapoe, R.** and Zango M. S. (2017). The hidden dangers of unknowingly ingesting harmful trace elements from food crops and their health implications: a case study at Talensi District in the Upper East Region, Ghana. *EC Nutrition*, 7 (1) :34-45.

**Ampadu, B.**

Adonadaga, M., **Ampadu, B.** and Martienssen, M. (2016). Effect of sludge loading and dissolved oxygen concentration on proliferation of *Thiothrix* and Eikelboom Types 1851 and 0041 in activated sludge wastewater treatment plants. *International Journal of Applied Science and Technology*. 6 (4): 8 – 13.

Abanyie, S.K., **Ampadu, B.** and Ampofo, S.(2016). Investigating the potability of water from dug wells: A case study of the Bolgatanga Township, Ghana. *African Journal of Environmental Science and Technology* 10 (10) : 307 - 315.

Ampofo, S., Sackey, I., and **Ampadu., B** (2016). The Nexus of Population Change, Agricultural Expansion, Landscape Fragmentation in the Volta Gorge area Ghana, *Ethiopian Journal of Environmental Studies and Management* 9(4):412-429.

**Adonadaga, M-G**

**Adonadaga, M-G,** Boateng Ampadu&Martienssen, M. (2016). Effect of sludge loading and dissolved oxygen concentration on filamentous bacteria proliferation in activated sludge wastewater treatment plants. *International Journal of Applied Science and Technology*,6(4), 8-13.

**Biyogue, D. N.**

**Biyogue, D.N.** (2016). Impacts of Anthropogenic Activities on Soil Nitrogen Store and Storage Potential in the Natural Forest-Savanna of Northern Ghana. *Research Journal of Environmental and Earth Sciences* 8(3): 25-33.

**Biyogue, D.N.** (2016). Anthropogenic and Institutional Determinants of Forest Resource Degradation in the Savanna Ecological Zone of Northern Ghana. *Research Journal of Environmental and Earth Sciences* 8(4): 44-55.

**Biyogue, D.N.** (2016). Impact of Anthropogenic Activities on Soil Microbial Populations and Physicochemical Changes in the Natural Forest-Savanna of Northern Ghana. *International Journal of Plant, Animal and Environmental Sciences*, Vol. 6 (3), pp. 225-233.

**Ampofo, S.**

Douti, N. B., Abanyie, S. K., & **Ampofo, S.** (2017). Solid Waste Management Challenges in Urban Areas of Ghana: A Case Study of Bawku Municipality.

*International Journal of Geosciences*, 8(4), 494–513.

Abanyie, S. K., Boateng, A., & **Ampofo, S.** (2016). Investigating the potability of water from dug wells : A case study of the Bolgatanga Township , Ghana, 10:307–315.

**Ampofo, S.**, Sackey, I., & Ampadu, B. (2016). The Nexus of Population change, Agricultural exapansion and landscape fragmentation in the Volta Gorge area, Ghana. *Ethiopian Journal of Environmental Studies and Management*, 9(4), 412–429.

**DEPARTMENT OF APPLIED PHYSICS****Staff**

<b>Name</b>	<b>Qualifications</b>	<b>Rank/Position</b>
<i>Apori, N.</i>	<i>B.Sc., M.Sc. (Nigeria), M.Phil. (Ghana)</i>	<i>Snr. Lecturer/HoD</i>
<i>Fletcher, J.J.</i>	<i>M.Sc., (Evanston), M.Sc, Ph.D. (Minsk)</i>	<i>Prof.</i>
<i>Obawole, A.O.</i>	<i>B.Sc., M.Sc., Ph.D (Ibadan)</i>	<i>Snr.Lecturer</i>
<i>Aburiya, M.A.</i>	<i>M.Sc. (East Ukraine), Ph.D. (Moscow)</i>	<i>Lecturer</i>
<i>Bayor, J.S.</i>	<i>B.Sc., M.Sc. (Kumasi), Ph.D. (China)</i>	<i>Lecturer</i>
<i>Musah, R.</i>	<i>B.Sc. (Cape Coast), M.Phil (Trieste), PhD (Tamale)</i>	<i>Lecturer</i>
<i>Amekeperwu, M</i>	<i>Dip.Ed, BSc, M.Phil, Ph.D (Cape Coast)</i>	<i>Lecturer</i>
<i>Mensah, P. K</i>	<i>Dip. Ed., B.Sc., M.Phil., Ph.D. (Cape Coast)</i>	<i>Lecturer</i>
<i>Appiah, S.</i>	<i>B.Sc., M.Sc. (Kumasi)</i>	<i>Lecturer</i>
<i>Tindan, T.</i>	<i>B.Ed. (Cape Coast), M.Sc. (Kumasi), M.Phil. (Cape Coast)</i>	<i>Lecturer</i>
<i>Gyasi-Antwi, D</i>	<i>B.Sc. (Kumasi), M.Sc. (Augsburg)</i>	<i>Lecturer</i>
<i>Kori, K.K.F.</i>	<i>B.Sc., Dip.Ed.(Cape Coast), M.Phil. (Ghana)</i>	<i>Lecturer</i>
<i>Balfour, E.A.</i>	<i>B.Sc., (Kumasi), M.Sc. (Aston)</i>	<i>Lecturer</i>
<i>Dotse, S.Q</i>	<i>B.Sc. Hons. (Kumasi), M.Phil. (Ghana)</i>	<i>Lecturer</i>
<i>Adazabra, A.</i>	<i>B.Sc. (Kumasi), M.Phil. (Ghana)</i>	<i>Lecturer</i>
<i>Bugase, J.</i>	<i>B.Sc. (Tamale), M.Sc. (Abuja)</i>	<i>Lecturer</i>
<i>Owusu, S.</i>	<i>B.Sc., M.Sc. (Kumasi)</i>	<i>Lecturer</i>

**Programmes**

The Department runs a four year degree programme leading to the award of B.Sc. Applied Physics.

## Students Population

### Students Population (2016/2017)

Year	Male	Female	Total
First	7	0	7
Second	13	3	16
Third	27	1	28
Fourth	15	3	18
Total	62	7	69

## Publications

### Fletcher, J.J.

Nyaaba R.A Manson E.N, Adazabra A.N **Fletcher, J.J.** (2016). The Critical study for the Estimation yield of technetium 99m production using Newton's forward differences formula. *International Journal of applied science and mathematics*. 3(3): 2394 – 2894.

E.N Manson, R.A Nyaaba, **J.J. Fletcher** and A.S. K Amable (2017). Effects of Warm Temperature on some Sensitometric Properties to X-Ray Films. *World Journal of Pharmaceutical and Medical Research 2017*. 3(5):2455 – 3301.

### Balfour, A. E

Z. Ma, Y. F. Shang, **E. A. Balfour**, Y. H. Wu, H. Fu, Y. Luo, S. F. Wang, B. H. Teng, M. G. Han (2016), "Magnetic and magnetocaloric properties of  $GdNi_xAl_{2-x}$  ( $0.35 \leq x \leq 0.70$ ) alloys with multiphase structure", *J. Mater. Sci.* 51 (2016) 2134–2140.

Z. Ma, Y.F. Shang, **E. Agurgo Balfour**, H. Fu, B.H. Teng, L. Wang, S.F. Wang, Y.H. Wu, M.G. Han, Y.Luo (2016), "Comparative study of the magnetocaloric effect in multiphase Gd-Ni-Al alloys: Single peak versus table-like profile in magnetic entropy changes", *J. Alloy. Compd.* 680, (2016) 268-272.

Ren Xuxun, Wang Jianxun, Dong Kun, Liu Guo, Shu Guoxiang, Fu Hao, **Esmond Agurgo Balfour** (2016), "Study of a High-Efficiency 34-GHz Sheet Beam Extended Interaction Oscillator With Low Filling Factor", *IEEE Trans. Electron Device* 63: 4074.

Yan Wang, Guo Liu, Guoxiang Shu, Ran Yan, Li Wang, **E. Agurgo Balfour**, Hao Fu, Yong Luo, Shafei Wang, (2016). "Design and measurement of a TE<sub>13</sub> input converter for high order mode gyrotron travelling wave amplifiers", *Phys. Plasma*. 23: 033101.

- Liya Yang, Jianxun Wang, Guoxiang Shu, Guo Liu, E. Agurgo Balfour, Yelei Yao, Kun Dong, Hao Fu, and Yong Luo (2016). "Design and Measurement of a Nonlinear-Curve Directional Coupler for Sheet Beam Traveling Wave Tube", IEEE Trans. Electron Device 63: 3733
- Renwen Li, Z. Ma, E. Agurgo Balfour, H. Fu, Y. Luo (2016), "Critical behavior study in GdNiAl<sub>2</sub> intermetallic compound", J. Alloy. Compd. 658, (2016) 672-677

## DEPARTMENT OF APPLIED BIOLOGY

### Staff

Name	Qualification	Rank/Position
<i>Owusu-Kwarteng, J.</i>	<i>B.Sc. (Tamale), Ph.D. (Ghana/Copenhagen)</i>	<i>Snr. Lecturer/ HoD</i>
<i>Sackey, I.</i>	<i>B.Sc., Dip. Ed. (Cape Coast), M.Phil. (Ghana), Ph.D. (UoB)</i>	<i>Snr. Lecturer/Dean</i>
<i>Owusu-Frimpong, M.</i>	<i>B.Sc. (Kumasi), Ph.D. (Michigan)</i>	<i>Assoc. Prof.</i>
<i>Akabanda, F.</i>	<i>B.Sc. (Tamale), Ph.D. (Ghana/Copenhagen)</i>	<i>Lecturer</i>
<i>Imoro, A-W.</i>	<i>B.Sc., Dip. Ed (Cape Coast), Ph.D. (Kumasi)</i>	<i>Lecturer</i>
<i>Bonu-Ire, M. S. T</i>	<i>B.Sc, Dip. Ed., (Cape Coast), M.Phil. (Ghana)</i>	<i>Lecturer</i>
<i>Adetunde, L. A.</i>	<i>B.Sc. (Ilorin), M.Sc. (Ibadan)</i>	<i>Lecturer</i>
<i>Motey, G. A.</i>	<i>B.Sc. M.Phil. (Ghana)</i>	<i>Lecturer</i>
<i>Captain-Esoah, M.</i>	<i>B.Sc. (Tamale), M.Phil. (Ghana)</i>	<i>Lecturer</i>
<i>Essel, E.</i>	<i>B.Sc. (Tamale), M.Phil. (Ghana)</i>	<i>Lecturer</i>
<i>Kombat, E. O.</i>	<i>B.Sc. (Tamale), M.Phil. (Ghana)</i>	<i>Lecturer</i>
<i>Dakorah, E. A.</i>	<i>B.Sc. (Tamale), M.Phil. (Ghana)</i>	<i>Lecturer</i>
<i>Appiah-Kubi, K.</i>	<i>B.Sc. M.Phil. (Ghana)</i>	<i>Lecturer</i>
<i>Awo, O.</i>	<i>M.Sc. (Greenwich)</i>	<i>Lecturer</i>

### Students Population

Population of students in Department of Applied Biology in the 2016/2017 Academic Session

Level	Number of Students by Gender		Total
	Female	Male	
100	8	42	50
200	27	59	86
300	23	67	90
400	25	50	75
Total	83	301	301

## Publications

### Owusu-Kwarteng, J.

**Owusu-Kwarteng, J.** Akabanda, F., Johansen, J., Jespersen, L., Nielsen, D. S. (2017).

Nunu, a West-African fermented yogurt-like milk product. In *Yogurt in Health and Disease Prevention*, Nagendra P. Shah (Ed), Elsevier, 10: 275-283.

**Owusu-Kwarteng, J.**, Wuni, A., Akabanda, F., Tano-Debrah, K., Jespersen, L. (2017).

Prevalence, virulence factor genes and antibiotic resistance of *Bacillus cereussensu lato* isolated from dairy farms and traditional dairy products. *BMC Microbiology* 17(65): 1-8.

Essel, E., Mensah, Y. F., Asamoah, S., Motey, G. A., **Owusu-Kwarteng, J.** (2016).

Microflora imbalance related vaginal infections among senior high school students in Navrongo, Ghana. *British Microbiology Research Journal* 16 (6), 1-7.

Akabanda, F., Hlortsi, E. H., **Owusu-Kwarteng, J.** (2017). Food safety knowledge,

attitudes and practices of institutional food-handlers in Ghana. *BMC Public Health* 17(40): 1-9.

### Akabanda, F.

**Akabanda, F.**, Hlortsi, E. H., Owusu-Kwarteng, J. (2017). Food safety knowledge,

attitudes and practices of institutional food-handlers in Ghana. *BMC Public Health* 17(40): 1-9.

Owusu-Kwarteng, J., Wuni, A., **Akabanda, F.**, Tano-Debrah, K., Jespersen, L. (2017).

Prevalence, virulence factor genes and antibiotic resistance of *Bacillus cereussensu lato* isolated from dairy farms and traditional dairy products. *BMC Microbiology* 17(65): 1-8.

Owusu-Kwarteng, J. **Akabanda, F.**, Johansen, J., Jespersen, L., Nielsen, D. S. (2017).

Nunu, a West-African fermented yogurt-like milk product. In book: *Yogurt in Health and Disease Prevention* (Ed. Nagendra P. Shah), Elsevier, 275-283.

**Essel, E**

Essel, E., Mensah, Y. F., Asamoah, S., Motey, G. A., Owusu-Kwarteng, J. (2016).

Microflora imbalance related vaginal infections among senior high school students in Navrongo, Ghana. *British Microbiology Research Journal* 16(6), 1-7.

**Imoro, M. A-W**

Imoro, M. A-W., Barnes, R. V. and Dzomeku, K. I. (2016). Shading Effects of Baobab (*Adansoniadigitata* L.) Stands on Productivity of Millet (*Pennisetumglaucum* L.) and Sorghum (*Sorghum bicolor* L.) in Farmed Parklands in Northern Ghana. *Ghana Journal of Science, Technology and Development*. 4(1): 11-28.

**Motey, G. A.**

Essel, E., Mensah, Y. F., Asamoah, S., Motey, G. A., Owusu-Kwarteng, J. (2016).

Microflora imbalance related vaginal infections among senior high school students in Navrongo, Ghana. *British Microbiology Research Journal* 16 (6),

## **FACULTY OF MATHEMATICAL SCIENCES**

### **Introduction**

The Faculty of Mathematical Sciences was established in September, 2009 with the mandate to provide training in Mathematical Sciences needed for national development. Since its inception, the Faculty has produced a number of Undergraduate and graduate graduates in various fields of study. The Faculty is also engaged in collaborations with a number of national and international institutions.

### **Programmes in the Faculty**

- i) BSc. Computer Science
- ii) BSc. Information Technology
- iii) BSc. Computing with Accounting
- iv) Post Graduate Diploma in Computer Science
- v) Diploma in Computer Science
- vi) Bachelor of Science (Mathematics)
- vii) Bachelor of Science (Financial Mathematics)
- viii) Bachelor of Science (Mathematics-with-Economics)
- ix) PGD. Mathematics
- x) MSc/MPhil. Mathematics/Computational Mathematics



- xi) PhD. Mathematics/Computational Mathematics
- xii) B. Sc. Statistics
- xiii) B. Sc. Actuarial Science
- xiv) Diploma in Statistics
- xv) PGD in Statistics/ Data
- xvi) MSc. in Statistics/Applied Statistics/Biometry
- xvii) Management
- xviii) PhD. in Statistics/Applied Statistics/Biometry

### Office of the Dean

#### Staff

Name	Qualification	Rank/Position
<i>Luguterah, A.</i>	<i>B.Sc. (Ghana), M.Sc.(Cape Coast),Ph.D. (Tamale)</i>	<i>Snr. Lecturer /Dean</i>
<i>Twum, S.B.</i>	<i>B.Sc., M.Sc., (Kumasi), Ph.D. (Birmigham)</i>	<i>Snr. Lec./Vice Dean</i>
<i>Agalga, J</i>	<i>HND (Tamale), BMS (Cape Coast), M.Phil. (Tamale)</i>	<i>Faculty Officer</i>
<i>Ali, A.</i>	<i>B. Com, ACCA I,HND (Tamale), MBA (Ghana)</i>	<i>Faculty Accountant</i>

### Faculty Enrolment Statistics

Faculty (FMS)	
<b>Male</b>	1295
<b>Female</b>	183
<b>Total</b>	1,478

### Students Enrolment by Academic Year

Academic Year	Male	Female	Total
2016/2017	238	22	260
2015/2016	278	47	325
2014/2015	375	49	424
2013/2014	404	65	469
<b>Total</b>	1,295	183	1,478

**DEPARTMENT OF COMPUTER SCIENCE****Staff**

<b>Name</b>	<b>Qualifications</b>	<b>Rank/Position</b>
<i>Bankas, E.K.</i>	<i>B.Ed.(Wineba), M.Ed.(Ohio), Ph.D.(Tamale)</i>	<i>Snr. Lecturer/HoD</i>
<i>Daabo, M.I.</i>	<i>B.Sc, M.Sc, Ph.D. (Tamale)</i>	<i>Snr. Lecturer</i>
<i>Armah, G.</i>	<i>B.Sc., MBA(Ghana), Ph.D. (China)</i>	<i>Lecturer</i>
<i>Bageyere, E.Y.</i>	<i>B.Sc. (Tamale), M.Phil. (Kumasi), Ph.D.(China)</i>	<i>Lecturer</i>
<i>Alhassan, A.-B</i>	<i>B.Sc. (Tamale), M.Sc.(Kumasi), Ph.D.(Tamale)</i>	<i>Lecturer</i>
<i>Salifu, A.-M.</i>	<i>B.Sc. (Tamale), M.Sc. (Kumasi)</i>	<i>Lecturer</i>
<i>Laar, D.S.</i>	<i>B.Sc. (Kumasi), M.Sc. (Manchester)</i>	<i>Lecturer</i>
<i>Mensah, P.K.</i>	<i>B.Sc. (Tamale), M.Sc. (Nigeria)</i>	<i>Lecturer</i>
<i>Akobre, S.</i>	<i>B.Sc., M.Sc. (Kumasi)</i>	<i>Lecturer</i>
<i>Aninyie, W. P.</i>	<i>B.Sc. (Sunyani), M.Sc. (Kumasi)</i>	<i>Lecturer</i>
<i>Yinyeh, M.O.</i>	<i>B.Sc., M.Sc. (Tamale)</i>	<i>Lecturer</i>
<i>Agebure, M.A.</i>	<i>B.Sc. (Tamale), M.Phil (Ghana)</i>	<i>Asst. Lecturer</i>
<i>Agbedemnab, P</i>	<i>B.Sc., M.Sc. (Tamale)</i>	<i>Asst. Lecturer</i>

**Research Interests****Bankas, E.K.**

- i) Digital Logic Design, Computer Arithmetic, Residue Number Systems, VLSI Design Technology.

**Daabo, M.I.**

- i) Digital Logic Design, Computer Arithmetic, Residue Number Systems, VLSI Design, Mathematical modeling, and simulations.

**Baagyere Y. E.**

- i) Mobile Sensor Networks, Information Security/Cryptography and Complex/Social Networks.

**Alhassan, A.-B.**

- i) Computer Hardware and Architecture, Information Security/Cryptography, and Statistical Computing.

**Laar, D.S.**

- i) ICT4D, Business Process Management (BPM), Web Services, Service Oriented Architectures (SOA), and Enterprise Information Systems (EIS)

**Mensah, P.K.**

- i) Distributed Systems (Cloud Computing), Data Mining and Semantic Web.

**Akobre, S.**

- i) Data Communication, Satellite Communication Systems, System Analysis and Design and Information Communications Technology.

**Agebure, M. A.**

- i) Machine Learning/Data Mining and Software Engineering.

**Agbedemrab, P.**

- i) Computer Arithmetic, Information Security/Cryptography, Genetic Algorithm

**Armah, G.**

- i) Database Management, Software Engineering and Logic Computing. He is currently working on Software Defect Prediction.

**Salifu, A.-M.**

- i) Data Communication and Computer Networks, Satellite Communication Systems and Wireless Communication Systems and Data and voice issues in the Upper East Region of Ghana.

**Aninyie, P.**

- i) Call Admission Control, Resource Utilization in Cellular Networks, Mobile Commerce and Telecommunication Systems.

**Yinyeh, M.O.**

- i) Software Development, Electronic Voting Management Systems.

## Publications

### Bankas, E.K.

- Khalid S.M and **Bankas, E.K** (2017). RNS Scaling Algorithm for a New Moduli Set  $\{2^{2n+1} + 1, 2^{2n+1}, 2^{2n+1} - 1\}$ . *International Journal of Computer Applications* 165(10):21-28.
- Alhassan A., **Bankas, E. K.** and P. A. (2017). Computer Arithmetic Aided Lempel-Ziv-Welch's Algorithm using the Moduli Set  $\{2^n - 1, 2^n, 2^n + 1, 2^{n+1} - 1\}$  for Fast and Secured Transmission of Data via Network Communication Channels. *American International Journal of Research in Science, Technology, Engineering and Mathematics (AIJRSTEM)*. International Association of Scientific Innovation and Research (IASIR), USA. 62-68.
- Alhassan A., Gbolagade, K.A. and **Bankas, E.K.** (2017). New Lempel-Ziv-Welch's Fault Tolerant Data Compression and Encryption Scheme. *International Journal of Advanced Studies in Engineering and Scientific Inventions (IJASESI)*. International Scientific Research Consortium, United Kingdom.

### Daabo, M.I.

- M. I. Daabo**, A. Alhassan, S. Akobre (2017) Detecting Dynamic Range Overflow in the Moduli Set  $\{2^n - 1, 2^n, 2^n + 1, 2^{2n} + 1\}$  using the MRC Method, *International Journal of Computer Science and Information Security*, 15(6), 383-388.
- S. Abdul-Mumin, P. A. Agbedemnab, **M. I. Daabo** (2017) New Reverse Converters for 8n-bit Dynamic Range Moduli Set, *International Journal of Computer Applications*, 161(9).
- M. Sulemana, Y. I Seini, **M. I. Daabo** (2017) Unsteady Boundary Layer Flow Past a Vertical Plate in the presence of Transverse Magnetic Field and Heat Source Embedded in a Porous Medium, *Journal of Mathematics and Computational Science*, 7(3), 564-582
- M. I. Daabo**, E. K. Amegan, Salifu Abdul-Mumin (2016) Detecting and Correcting Overflow in RNS Addition by Partial Reverse Conversion for the Moduli Set  $\{2^{2n} - 1, 2^n, 2^{2n} + 1\}$  *American Journal of Research in Science, Technology, Engineering and Mathematics*, 19(1), 70-76.
- M. I. Daabo**, K. A Gbolagade, P. A Agbedemnab (2016) Fast Overflow Detection by Operands Examinations Method for a Length Three Moduli Set, *Computer Engineering and Intelligent Systems*, 7 (9), 8-13.

**Baagyere Y. E.**

Li, D.- F., Wang, R.-J., Zhang, F.-L., **Baagyere, E.**, Qin, Z., Xiong, H., and Zhan, H. (2016). A Noise Immunity Controlled Quantum Teleportation Protocol. *Quantum Information Processing*, 15(11), 4819-4837.

**Alhassan, A.-B.**

**Alhassan A.**, E. K. Bankas, and P. A. (2017). Computer Arithmetic Aided Lempel-Ziv-Welch's Algorithm using the Moduli Set  $\{2^n - 1, 2^n, 2^n + 1, 2^{n+1} - 1\}$  for Fast and Secured Transmission of Data via Network Communication Channels. *American International Journal of Research in Science, Technology, Engineering and Mathematics (AIJRSTEM)*. International Association of Scientific Innovation and Research (IASIR), USA. 62-68.

**Alhassan A.**, M. I. Daabo, and S. Akobre, (2017). Improved Lempel-Ziv-Welch's Error Detection and Correction Scheme using Redundant Residue Number System (RRNS). *Circulation in Computer Science (CCS)*. CSL Press, New York 1028, USA. 25-30.

E. K. Amegan, **Alhassan A.**, and S. Akobre (2017). The CRT Method for Detecting and Correcting Overflow in RNS Addition for the Moduli Set  $\{2^{2n}-1, 2^{2n}, 2^{2n}+1\}$ . *International Journal of Emerging Technologies in Computational and Applied Sciences (IJETCAS)*. International Association of Scientific Innovation and Research (IASIR). 5-10.

M. I. Daabo, **Alhassan A.**, and S. Akobre, (2017). Detecting Dynamic Range Overflow in the Moduli Set  $\{2^n - 1, 2^n, 2^n + 1, 2^{2n} + 1\}$  using the MRC Method. *International Journal of Computer Science and Information Security (IJCSIS)*. 15(6). Pittsburgh, PA, USA. 383-388.

**Alhassan A.**, Gbolagade, K.A. and Bankas, E.K (2017). New Lempel-Ziv-Welch's Fault Tolerant Data Compression and Encryption Scheme. *International Journal of Advanced Studies in Engineering and Scientific Inventions (IJASESI)*. International Scientific Research Consortium, United Kingdom.

**Laar, D.S.**

Nqampoyi, V. Seymour, L.F. and Laar, **D.S.**(2016) Effective Business Process Management Centres of Excellence, Research and Practical Issues of Enterprise Information Systems: 10th IFIP WG 8.9 Working Conference, CONFENIS 2016, Vienna, Austria, December 13-14, 2016, Proceedings 10.

**Mensah, P.K.**

**Mensah, K. P.**, and Akobre, S. (2017). Ensemble Classification of Sentiments for Monitoring Students' Academic Progress. *American International Journal of Research in Science, Technology, Engineering and Mathematics*, 19(1), 27-41.

**Akobre, S.**

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Mensah Kwabena Patrick and **Stephen Akobre** (2017) Ensemble Classification of Sentiments for Monitoring Students' Academic Progress, *American International Journal of Research in Science, Technology, Engineering and Mathematics (AIJRSTEM)*, 19(1), 27-41.

Alhassan Abdul-Barik, Mohammed Ibrahim Daabo and **Stephen Akobre** (2017) Improved Lempel-Ziv-Welch's Error Detection and Correction Scheme using Redundant Residue Number System (RRNS), *Circulation in Computer Science*, 2(6), 25-30.

**Agebure, M. A.**

**Agebure, M. A.** and Agbedemnab P. A. (2017). Addressing Class Imbalance in Software Defect Prediction by Averaging. *International Journal of Software and Web Science*, 19(1), 09 - 14.

**Agbedemnab, P**

S. Abdul-Mumin, **P. A. Agbedemnab** and M. I. Daabo, (2017). "New Efficient Reverse Converters for 8n-bit Dynamic Range Moduli Set". *International Journal of Computer Applications (IJCA)* (0975 - 8887), 161(9), 23 - 27.

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**DEPARTMENT OF MATHEMATICS****Staff**

<b>Name</b>	<b>Qualification</b>	<b>Rank/Position</b>
<i>Iddrisu, M.M.</i>	<i>BSc., (Cape Coast), M.Sc., (Norway), Ph.D.(Tamale)</i>	<i>Snr. Lecturer/HoD</i>
<i>Twum, S.B.</i>	<i>BSc., M.Sc., (Kumasi), Ph.D. (Birmingham)</i>	<i>Snr. Lecturer/Vice Dean</i>
<i>Nantomah, K.</i>	<i>Cert "A", B.Sc., MPhil. (Kumasi), Ph.D. (Tamale)</i>	<i>Snr. Lecturer/Indus. Cord.</i>
<i>Abdul-Malik, A. Seidu B.</i>	<i>BSc. (Kumasi), MPhil., PhD (Legon) BSc. (Tamale), M.Sc. (Kumasi), Ph.D. (Tamale)</i>	<i>Lecturer/M-Econs Cord. Lecturer/P. Maths Cord.</i>
<i>Bonye, F. Adjabui M.J.</i>	<i>BSc. (Kumasi), M.Sc. (CrownField) BSc., MSc. (Kumasi)</i>	<i>Lecturer/ Fin. M. Cord. Lec. / Project Cord.</i>
<i>Bob-Milliar, K.G. Luu, Y.</i>	<i>BA (Kumasi), MSc. (Brunel) B.Com (Cape Coast), MBA (Kumasi), ChPA, CMC</i>	<i>Lecturer/ Q.A. Officer Lecturer/Snr Hal.l Tutor</i>
<i>Churcher K.A</i>	<i>Cert A, Dip., BEd. (Winneba), MPhil. (Cape Coast)</i>	<i>Lecturer /Ind. Attach. Cord.</i>
<i>Anafo S.A. Boah, D.K.</i>	<i>BSc., MBA (Kumasi), ICA III Cert "A", B.Sc., MPhil (Kumasi)</i>	<i>Lecturer/ Exam Officer Lecturer</i>
<i>Mensah, V. Bankelle-Guophan, R.B</i>	<i>BSc., MSc. (Ukraine), ACCA (UK) BSc. (Kumasi), MPhil. (Legon)</i>	<i>Lecturer Lecturer</i>
<i>Andani*, A. Alhassan, E.A.</i>	<i>B.A., MPhil (Legon) BSc., MSc. (Tamale)</i>	<i>Lecturer Lecturer</i>
<i>Asiedu L.O. Gregory, A-I-K.</i>	<i>BSc. (Cape Coast), MPhil. (Cape Coast) B.Sc., MSc. (Tamale), M.Sc. (Kumasi)</i>	<i>Lecturer Asst. Lecturer</i>
<i>Subaibu, I.</i>	<i>HND (Tamale), BMS (Cape Coast), MPhil. (Legon)</i>	<i>Asst. Lecturer</i>

**Research Interest****Iddrisu M. M.**

- i. Mathematical Analysis with key interest in Inequalities, Special functions and Applications, Coding Theory and Cryptography and Mathematical Statistics and Applications.

**Twum S, B.**

- i. Applications of linear, nonlinear, and multi-objective optimisation techniques to real problems, Optimal systems reliability modelling, Numerical Analyses and Applications and Mathematical Analyses.

**Abdulai A-M.**

- i. Development Economics, Labour Economics and Migration Studies.

**Nantomah, K.**

- i. Mathematical Analysis, Mathematical Inequalities and Applications and Special Functions.

**Seidu, B.**

- i. Mathematical Modelling of Infectious Diseases Computational Mathematics.

**Boah, D. K.**

- i. Operations Research (Optimisation Techniques), Numerical Analysis and Differential Equations.

**Adjabui M. J**

- i. Mathematical statistics, Mathematical Education and Biostatistics.

**Alhassan, E. A.**

- i. Coding theory, Cryptography and Non-associative algebraic systems.

**Luu, Y.**

- i. Evaluation of Policy issues and Enterprise Risk Management

**Churcher, K. A**

- i. Mathematics Education *and* Applied Mathematics and Statistics.

**Asiedu, O. L.**

- i. Mathematics Education and Mathematical Proofs.

**Suhaibu, I.**

- i. Macroeconomic fundamentals, Ownership structure, Capital structure, Executive compensation and Bank Stability and Financial Markets, Monetary and Fiscal Policy Dynamics.

**Etwire, C. J.**

- i. Fluid Mechanics and Operations Research

**Abugri, S A**

- i. Corporate Finance, Assets Pricing and Investment Analysis.



**Bob-Milliar G. K.**

- i. Monetary Policy, Informal Sector and Exchange Rates Policy.

## **Publications**

**Iddrisu. M. M.**

**Iddrisu, M.M.,** Abukari, A. and Boakye, S. (2017). Some Common Misconstructions and Misinterpretations in Basic Algebra: A case of students of University for Development Studies and Navrongo Senior High School in Ghana. *British Journal of Education*, 5(9), 22-35.

**Iddrisu, M.M.** and Tetteh, K.I. (2017). The Gamma Function and Its Analytical Applications. *Journal of Advances in Mathematics and Computer Science*. 23(3),1-16.

**Twum S, B.**

Nantomah, K., Prempeh, E. and **Twum, S.B.** (2017) Inequalities Involving Derivatives of the  $(p, k)$  Gamma Function, *Konuralp Journal of Mathematics*, 5(1), 232 – 239.

Boah D.K., **Twum, S.B.**, (2017) New Propositions on the Afine-Scaling Interior Point Algorithm, *International Journal of Computing and Optimization* 4(1), 11 – 18.

**Twum, S.B.**, Aspinwall, E. (2016) Complex System Reliability Optimisation: Further Assessment of a Multicriteria Approach, *International Journal of Engineering Research*, 25, 108 – 118.

**Abdulai A-M**

**Abdulai, A-M,** Louis, B. and Peter, Q. (2017). The Impact of Migration on the Welfare of Households in Ghana: A Propensity Score Matching Approach. *African Human Mobility Review Journal*,3(1), 732-750.

**Nantomah, K.**

**Nantomah, K.** (2017). *Generalized Hölder's and Minkowski's Inequalities for Jackson's  $q$ -Integral and Some Applications to the Incomplete  $q$ -Gamma Function*, *Abstract and Applied Analysis*, 2017(6) .

**Nantomah, K.,** Prempeh, E. and Twum, S. B. (2017). *Inequalities involving derivatives of the  $(p,k)$ -Gamma function*, *Konuralp Journal of Mathematics*, 5(1), 232-239.

**Nantomah, K.** (2017). *Convexity Properties and Inequalities Concerning the  $(p,k)$ -Gamma function*, *Commun. Fac. Sci. Univ. Ank. Series A1*, 66(2), 130-140.

**Nantomah, K., Merovci, F. and Nasiru, S. (2017).** *A Generalization of the Exponential Integral and Some Associated Inequalities*, Honam Mathematical Journal, 39(1), 49-59.

**Nantomah, K. and Nasiru, S. (2017).** *Inequalities for the  $m$ -th derivative of the  $(q,k)$ -Gamma function*, Moroccan Journal of Pure and Applied Analysis, 3(1), 63-69.

**Nantomah, K. (2016).** *Some Inequalities bounding certain ratios of the  $(p,k)$ -Gamma function*, New Trends in Mathematical Sciences, 4(4), 329-336.

**Nantomah, K. (2016).** *Inequalities for Certain Ratios involving the  $(p,k)$ -Analogue of the Gamma Function*, Communications in Mathematics and Applications, 7(2), 121-128.

#### **Seidu, B.**

**Asamoah, J. K. K., Oduro F. T., Bonyah E and Seidu B. (2017).** *Modelling of Rabies Transmission Dynamics Using Optimal Control Analysis*, *Journal of biological Dynamics*, 2017.

**Bornaa, C. S., Seini, Y. I., and Seidu B. (2017).** *Modelling zoonotic diseases with treatment in both human and animal populations. Communications in Mathematical Biology and Neuroscience*, 2017.

#### **Boah, D. K.**

**Boah, D. K., Twum, S. B. and Pelig-Ba, K. B. (2016).** *Optimal Water Treatment Cost Model for Ghana*. International Journal of Mathematics and Statistics Studies, 4 (1), 1-12.

**Boah, D. K., Twum, S. B. and Pelig-Ba, K. B. (2016).** *Sensitivity and Duality Analyses of an Optimal Water Treatment Cost Model for Ghana*. International Journal of Mathematics and Statistics Studies, 4 (2), 11-19.

**Boah, D. K., Adu, I. K. and Tulasi, V. (2015).** *Optimal Portfolio Mix for Multigrow Insurance Company in Ghana using Linear Programming*. International Journal of Mathematics and Statistics Studies, 3 (5), 11-17.

#### **Adjabui, M. J.**

**Puoviel E., Jakperik D. and Adjabui M.J. (2017),** *Modelling the dual potential of owpea in Lawra-yagtuuri in the Upper East region*. Journal of EX. Agricultural international 15(5) 1-8 2,

**Alhassan, E. A.**

**Alhassan, E.A,** Isaac, A.M, Emmanuel, A. (2017). Time Series Analysis of Malaria Cases in Kasena Nankana Municipality, *International Journal of Statistics and Applications*, 7(2), 43- 56.

**Luu, Y.**

**Luu Y.,** Boatemaa A.V. and Akamba Mathias (2016), *Exploring the Risk Exposures of Peasant Farmers in Northern Ghana*, International Journal of Innovative research and Development 5(13), 93-99

**Luu Y.,** Safia Wemah and Anafo S. A. (2016), *Assessing the tax stamp strategies and income tax compliance among petty traders in Ghana*, International Journal of Innovative Research and Development 5(13), 78-92

**Akamba Mathias, Luu Yin,** and Safia Wemah (2016), *Prospect of Ethical Consultancy: Empirical Assessment in Ghana*, International Journal of Innovative Research and Development 5(3), 228-232

**Churcher, K. A.**

**Churcher, K. A.,** Asiedu, O. L., Boinde-Sigme, B. (2016). Teachers Teaching Styles and Students Study Habits on Academic Achievement in Mathematics among Junior High School Students in Upper East Region of Ghana. *International Journal of Educational Administration*. 8(1), 31-51.

**Churcher, K. A.,** Boinde-Sigme, B., Asiedu, O. L. (2016). Teachers' Perceptions of the Usage of Calculators in the Teaching and Learning of Mathematics at the Junior High School Level in Ghana. *International Journal of Law, Education, Social and Sports Studies (IJLESS)*. 2394-9724, 3(4), 59-73.

**Asiedu, O. L., Churcher, K. A.** (2016). Compound Subtraction in Non-Decimal Bases: Relative Effectiveness of Base-Complement Addition and Decomposition Algorithm. *African Educational Research Journal* 4(4), 160-170.

**Asiedu O. L.**

**Churcher, K. A., Asiedu, O. L.,** Boinde-Sigme, B. (2016). Teachers Teaching Styles and Students Study Habits on Academic Achievement in Mathematics among Junior High School Students in Upper East Region of Ghana. *International Journal of Educational Administration*. 8 (1), 31-51.

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**Asiedu, O. L.**, Churcher, K. A. (2016). Compound Subtraction in Non-Decimal Bases: Relative Effectiveness of Base-Complement Addition and Decomposition Algorithm. *African Educational Research Journal* 4(4), 160-170.

## DEPARTMENT OF STATISTICS

### Staff

Name	Qualification	Rank/Position
Sarpong S.	B.Sc., (Cape Coast), M.Sc., (Ibadan), MPhil., (Cape Coast), Ph.D. (Chengdu)	Lecturer/Ag. HoD
Luguterah A.	B.Sc. (Accra), M.Sc. (Cape Coast), Ph.D., (Tamale)	Snr. Lecturer
Wiredu S.	B.Sc., (Kumasi), M.Sc., (Germany)	Snr. Lecturer
Abukari A.	HND, (Tamale), B.Sc., (Cape Coast) M.Sc., Ph.D., (Tamale)	Lecturer
Katara S.	HND, B.Sc., (Tamale), M.Phil., Ph.D., (Kumasi)	Lecturer
Jakperik D.	B.Sc., M.Sc., (Tamale)	Lecturer
Puubalanta R.	HND (Tamale), B.Sc., (Cape Coast), M.Phil., (Kumasi)	Lecturer
Engmann G.M.	B.Sc., (Cape Coast), M.Sc. (Belgium)	Lecturer
Anang R. C.	B.Sc., M.Phil., (Kumasi)	Lecturer
Faisal A. *	B.Sc., M.Sc, (Tamale)	Lecturer
Boabene E. *	B.Ed., (Winneba), M.Sc., (Tamale)	Lecturer
Zammanah E.	B.Sc., M.Sc., (Tamale)	Lecturer
Angbing I.	B.Sc., (Tamale), M.Sc., (Charotte)	Lecturer
Akamba M.	B.Sc., M.Phil., (Kumasi)	Lecturer
Suleman S. **	B.Sc., M.Phil., (Tamale)	Lecturer
Logubayom A. I.	B.Sc., M.Sc., (Tamale)	Asst. Lecturer

## Publications

**Sarpong, S.**

**Sarpong, S.,** Xu, C-H. and Zhang X., (2016). PPAM: Privacy-preserving attribute matchmaking protocol for mobile social networks secure against malicious users. *International Journal of Network Security*, 18(4), 625-632.

**Akamba, M.**

**Akamba, M.,** Gborbitey, S.T., and Agalga J., (2016). Factors affecting student's Academic performance: A case study of Tamale-Navrongo Campus. *International Journal of Current Research and Academic Review* 4(12), 44-53.

**Akamba, M.,** Yin L., and Wemah S., (2016). Prospect of Ethical Consultancy: Empirical Assessment of Ghana. *International Journal of Innovative Research and Development*, 3(3), 228-232.

Yin L., Boatemaa, A.V. and **Akamba M.,** (2016). Exploring the risk exposure of peasant farmers in Northern Ghana. *International Journal of Innovative Research and Development*, 5(13), 93-99.

**Puurbalanta, R.**

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