

InspiringTM UG



EDITORIAL

The sixth edition of Inspiring UG highlights the perspective of UG's Climate Change Working Group on the human dimensions of climate change.

A project to convert waste to energy at the School of Engineering brings renewed impetus to recycling of plastic waste.

Amidst the global reprieve that vaccines are providing, a clinical trial is underway at the Noguchi Memorial Institute for Medical Research to identify an efficacious vaccine candidate against diarrhea, a disease that remains fatal in children.

The Colleges of Humanities and Basic and Applied Sciences, in partnership with industry host Research Chairs in African Studies and Petroleum Geoscience to make research relevant to development needs.

Footprints of innovation have been enhanced through technology hubs; the Kofi Annan Enterprise Hub for Agricultural Innovation at the West Africa Centre for Crop Improvement; and the Innovation and Incubation Hub at the University of Ghana Business School.

Research output has grown in scope and volume through increased funding and collaboration. Funding inflows reflect efforts by faculty, and the benevolence of our donor community to resolve global challenges.



Shiabu (Dansoman) - Accra



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VACCINES AGAINST DIARRHOEA

A PUBLIC HEALTH MANDATE



Prof. George Armah

Vaccines have been administered globally as an effective public health tool for several decades. One of the success stories of vaccination has been polio vaccines which has helped eliminate polio from the world save for a few places. Calls for cautious optimism notwithstanding, COVID 19 vaccinations are providing safe pathways for a return to pre pandemic life.

Amid the disruption in health care delivery, childhood vaccinations remain a time bound priority that cannot be put on hold. Scientists at the Noguchi Memorial Institute for Medical Research (NMIMR), University of Ghana, are carrying out vital research to identify an effective injectable vaccine candidate for childhood diarrhoea. Diarrhoea is common in children under 5 years, mostly caused by a germ called “rotavirus” and can lead to dehydration and death.

Currently, two oral live attenuated rotavirus vaccine (Rotarix and Rotateq) are used in more than 90% of vaccination programmes in children worldwide against diarrhoea. However studies have found out that these vaccines have reduced

efficacy in low and middle income countries and are also relatively expensive.

Professor George Armah, virologist and vaccinologist at NMIMR is lead investigator for Ghana, of a multinational clinical trial in children to assess the safety, immunogenicity, and efficacy of a new non-replicating rotavirus vaccine (NRRV) called “trivalent P2-VP8” (TV P2-VP8). The NRRV is intended as an alternative efficacious vaccine that will offer greater protection to children against diarrhoea.

The rotavirus vaccine “P2-VP8” which is administered by injection and is expected to be more effective against the strains of the rotavirus occurring in countries like Ghana.



TV P2-VP8 vaccine being administered

The trial is a randomized, active-controlled, group-sequential trial, underway in Shiga Osu District in Ghana with simultaneous trials in Zambia and Malawi. The objective is to identify a vaccine candidate that may provide superior efficacy in target populations.

Scientists will assess the relative efficacy in prevention of severe rotavirus gastroenteritis (SRVGE) with the TV P2-VP8 vaccine in comparison to Rotarix and evaluate the safety of the TV P2-VP8 vaccine in healthy infants in comparison with Rotarix.

NMIMR, with funding from the non-profit organization “Foundations for Appropriate Technologies in Health” PATH, is collaborating with scientists and clinicians at the Dodowa Health Research Centre (DHRC) in conducting this trial at the DHRC clinical trial facility at Dodowa with support from the Expanded Programme on Immunization (EPI) of the Ministry of Health.



parent consultation with Doctor

Participants are new-born babies who are enrolled in the study after obtaining consent from their mothers and/or care givers during their visit to the EPI clinic for routine childhood vaccinations. The project team comprises a cohort of Medical Doctors (Paediatricians), Nurses, Counsellors, Laboratory technicians and skilled fieldworkers who traverse the local community to inform and educate families about the trial and encourage them to report to the clinic immediately after birth.

These include mothers who give birth at home and would ordinarily not seek proper medical attention. This intervention provides the opportunity for a thorough medical review. It has also helped provide some evidence based data on home deliveries to the EPI and District Health management team.

The recruitment process employs strict measures to educate and sensitize parents to ensure they fully understand the implications of the study. The process of participant consent is done with an informed consenting document approved by the Ethics committee of the University of Ghana, DHRC, the Ghana Health Service Ethics Review Committee (GHSERC) and the Food and Drugs Board. It constitutes a rigorous fail-safe system of assessing a parent's understanding of the trial process, and the potential for safer outcomes for protection against diarrhoea.



taking of samples

In addition, information leaflets are provided to allow further consultation with family members and a period for further reflection before enrolment. Translators of local languages, Ga, Ga Dangbe, Twi, and Ewe are engaged for participants who prefer to communicate in local languages. Infants are enrolled on the study when they are between 4 to 6 weeks old and followed and closely monitored with home visits until they are 24 months old.

The trial vaccine is given as three doses administered at 6, 10 and 14 weeks of age.



counselling support to mothers

Samples of blood (5ml) are taken by certified phlebotomists before a child receives the first dose of the trial vaccine and four weeks after the last dose is administered.

A randomized group of participants also receive a comparator vaccine Rotarix to help determine immune responses between the groups of participants during the analysis of the results. All study staff are blinded to the randomization process except for an unblinded pharmacist. For the duration of their participation in the study, participants have 24 hours access to healthcare professionals by phone, to report on an infant's progress, any medical issues, and to receive medical intervention if required at no cost to the participants. The medical team offers vital care for unrelated medical needs of participants free of any cost.

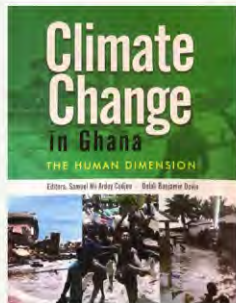
The collage of medical care available during the trial period offers a vital lifeline to participants who would otherwise have limited access to healthcare. The first stage of the study in the Ghana component is expected to screen and randomize a total of 1300 randomized participants.

As the study progresses successfully and data is analysed across participating countries, Scientists are optimistic that a robust empirical case will emerge for the adoption of the "P2-VP8 vaccine to provide greater protection against diarrhoea in children.



CLIMATE CHANGE -

An Imminent Pandemic?



After two years of the COVID-19 pandemic dominating scientific discourse, the threat of Climate Change remains an imminent danger.

The recent climate summit (COP26) held in Glasgow, Scotland serves as a stark reminder that the world must address the dangers of climate change that science portends.

The world was reminded of unfulfilled promises from the 2015 Paris Agreement. Specifically, the inability of wealthy nations to meet emission reduction targets and the lack of financial support to the countries worst affected by carbon emissions originating from wealthy nations.

The need for global consensus is necessary, given that 'poorer' countries bear the brunt of emissions that exacerbate already precarious situations. The negative effects of climate change as researchers have identified, straddle a cross section of scientific disciplines, and underscores the extent to which livelihoods will be affected by climate change.

At the University of Ghana, a multidisciplinary Climate Change Working Group collates climate related research highlighting the impact of the phenomenon. The scientific outcomes provide insight into potential threats and underscores the need for behavioural change.

Research reveals the effects of climate change on health, agriculture, gender, and other vulnerabilities, make a compelling case for urgent policy intervention.

Translating scientific outcomes into policy, remains a feat beyond academia.

Nonetheless, outcomes of research conducted at local level may educate and inform the public on the need for behavioural change.

Following extensive research, the Climate Change Working Group's publication i.e Climate Change in Ghana - The Human Dimension (2019) identifies Ghana's experience of changing weather patterns and the effects on health conditions which are sensitive to variable climate elements. Perceived impacts of Climate Change on Ago/fishery-based livelihoods in the Savannah and Coastal Ecological Zones of Ghana is enormous.

The publication appraises extensively the dynamics of climate change, its effect on socio-economic life and the challenges of policy intervention in Ghana.

Health

The changes in weather patterns have occasioned an increase in the prevalence of malaria coinciding with increasing temperature, humidity, and rainfall.

There is accumulating evidence that climate change impacts in Ghana exacerbates certain health problems in the country. Floods contribute to increases in the incidence of malaria, cholera, and non-cholera diarrhoea related ailments in the country. It is also known to contribute to delays in access to health facilities in the rainy season due to unmotorable roads especially in the rural areas. There is also evidence of an increase in cerebral-spinal meningitis (CSM) due to prolonged dry/hot weather, and dusty drought conditions. The other health challenges impacted by climate change in Ghana are schistosomiasis and mental health.

Gender

Researchers contend that women are at a disadvantage with differential access to resources. Gender inequality in vulnerability to climate change impact negatively in resource limited settings where women are not involved in decision making.

Policy

Climate change related policies in Ghana reflect the need to mainstream climate change interventions into sectorial activities through a climate compatible development trajectory.

Financial support required for mitigation measures remain in the form of pledges from wealthy nations. In the absence of financial support, the looming danger of climate change persist as threat to all nations.

Ghana requires more than USD22 billion in investments to deliver on its (2020-2030) action plans (GoG, 2015a).

As extreme weather patterns unfold, and take a toll on the environment, research continues to highlight the imminent dangers of climate change at UG.



Shiabu, Greater Accra Region affected by sea erosion



Effect of changing weather patterns in Northern Ghana



Agriculture in peril, Northern Ghana

(Credit: University of Ghana - Climate Change in Ghana, The Human Dimension)

PLASTIC WASTE TO ENERGY - RECYCLING FOR A SUSTAINABLE END



Single use plastics by their nature of disposability pose the most significant threat to the environment. They are often the first target for elimination in controlling the menace of plastic waste.

Kenya's targeted ban on single use plastics in conservation areas for the preservation of the natural ecosystem demonstrates the importance of protecting the environment. Blanket bans on the use of plastics have not been forthcoming due largely to the absence of cheaper bio-degradable products.

The practice of recycling, adopted to mitigate the effects of plastic on the environment are widely practiced and remain the acceptable measure for mitigation.

Recycling plastic waste to generate a vital resource such as energy in Ghana continues to be the focus of research by **Professor David Dodoo-Arhin** of the Department of Materials Science and Engineering and his colleagues at the University of Ghana.



demonstration of the pyrolysis process

Having undertaken several research projects to achieve positive outcomes from waste, Prof Dodoo-Arhin, Dr. Benjamin

Science and Engineering), Prof. Anthony Afful-Dadzie (Department of Operations and Management Information Systems (UGBS), Dr. Benjamin Dankyira Ofori (Institute for Environmental and Sanitation Studies) Dr. Edem Mahu (Department of Marine and Fisheries Sciences) and Mr. Michael Commeh (Technology Consultancy Centre - KNUST) are contributing to resolve energy challenges, and mitigate the negative effects of the environment through a project titled, **"Debris-In-Energy-Out: Adding Value to Single Use Plastic Waste in Ghana"**.

The research team seeks to remediate the menace of plastic debris in the country by reprocessing waste into high value fuels and chemicals for households or small engines like mowers and generators and off-grid hybrid solar-thermal plant systems.



process for fuel production

This project which is being funded by the University of Ghana's Research Fund (Multi disciplinary Grant Category) proposes to study circular catalytic pyrolysis in the production of liquid and gaseous fuels from waste plastic samples in a semi-laboratory batch reactor system within a temperature range of 350 °C to 550 °C.

The feed materials are characterized for their thermal, structural, and morphological properties. Various activated catalysts are being used to study their influence on the improvement in the fuel yield (80%),

grade of fuel, rate of reaction and quality of fuel produced. Reflux refining of the finished products are being explored for the ranges of liquid fuel obtained.

The final products will be tested for their emissions and performance in an engine/generator unit under various conditions.

As part of helping to achieve zero leakage of plastic waste into our oceans and waterways, the project will also design a mobile semi-commercial scale plastics pyrolysis plant to test the business economics of the mobile plant deployed in a coastal community under the future phase of the project. Developmental approach of the “Quadruplex helix” (eg., Ghana Government’s National Plastic Action Partnership agenda and the Ghana multi-stakeholder “Waste Recovery Platform”) of the circularity indicators of plastic valorization in the plastics value-chain; will be undertaken in line with the UN SDGs.



air drying of plastic waste

The catalytic pyrolysis technique as proposed in this project, is a circular economic process technique that, provides an alternative solution to landfilling and reduces greenhouse gas emissions, whilst producing a high calorific value fuel that could be easily marketed and used in gasoline engines to produce electricity and heat. Hence, conversion of waste plastics to liquid and gaseous fuel is also an alternate energy source path, which can contribute to

reduced depletion of fossil fuel since in this technique, liquid fuel with similar fuel properties as that of petroleum fuels are obtained.

The objectives of the research are;

- Study the thermal and catalytic pyrolysis of waste polyethylene samples (sachet, bottles, etc.) into liquid fuel
- Study the effect of the physicochemical characteristics catalytic behaviour of various commercial and synthesized catalysts on plastic pyrolysis process.
- Characterize the produced liquid fuel for its composition and fuel properties as compared with standard fossil fuels.
- Study the engine performance and emission analysis of the plastic waste fuel products.

The success of this study has great potential for Ghana where energy generation sources are mainly hydro and thermal.

While the cost of generation for conventional sources is high, plastic waste can be sourced freely with minimal cost for collection. This can be further enhanced if local authorities implement practical measures for households to segregate domestic rubbish into recyclable products and other waste material.

The final outcome of this project portends well for science, and for energy generation, a key requirement for development.



students observing the pyrolysis process

THE KWAME NKRUMAH CHAIR IN AFRICAN STUDIES



Ghana's first president, Dr Kwame Nkrumah is credited with many wise words. The epitaph at Dr Nkrumah's resting place at Nkroful, his village in the Western Region reads as follows;

"I am in the knowledge that death can never extinguish the torch which I have lit in Ghana and Africa. Long after I am dead and gone, the light will continue to burn and be borne aloft, giving light and guidance to all people."

In furtherance of the cause, the University of Ghana, in collaboration with AngloGold Ashanti Limited, established a Kwame Nkrumah Chair in African Studies to be held at the Institute of African Studies. The main purpose being to honour Dr. Kwame Nkrumah for his significant intellectual contributions and for his vision and commitment to the liberation and development of Africans on the continent and in the diaspora, promoting research, teaching and the advancement of Africana Studies.

The Institute of African Studies (IAS), at the University of Ghana is engaged in knowledge production and dissemination for the regeneration and development of Africa and its diasporas. The Institute of African Studies was established in 1961 through the instrumentality of Dr Kwame Nkrumah, and through research and teaching IAS has championed his immense role in education and the Pan Africanist movement. As the University of Ghana observes African Day of Scientific Renaissance in June 2022, the vision espoused by Dr Nkrumah to promote the pursuit, advancement, and dissemination of knowledge in all branches of the sciences and the humanities will be honoured.

The operationalization of Kwame Nkrumah Chair was made possible in 2011 through the benevolence of AngloGold Ashanti Ghana Limited, providing sponsorship to the host Institute. To date the position has been held by three distinguished African scholars namely, Professor Kofi Anyidoho, Professor Jacob U. Gordon and Professor Horace Campbell. In February 2022 the fourth occupant of the prestigious award, **Professor Amina Mama** was formally installed in a ceremony held at the University of Ghana.

Professor Amina Mama is a transdisciplinary educator, researcher and writer whose most influential works include *Beyond the Masks: Race, Gender and Subjectivity* (Routledge, 1995) *Engendering African Social Sciences* (co-edited, CODERSIA 1997), *Feminist Africa* (Founding Editor, 2000-2001). Starting as a community activist in London, Professor Mama worked with pro-democracy and women's movements in Nigeria following her stint as Senior Lecturer at the Institute of Social Studies in the Hague, Netherlands (1989-1991).

In 1999 she was appointed as first Chair in Gender Studies at the University of Cape Town. She has been involved in the production of documentary film projects; *The Witches of Gambaga* (co-producer, Fadoa Films 2010) and *The Art of Ama Ata Aidoo* (executive producer, Fadoa Films 2014).

Professor Mama served on the Boards of the United Nations Institute for Research Development and the United Nations Committee for Development Policy, and Global Fund for Women (Board Chair 2001-2011).

Delivering her inaugural lecture titled “Nkrumah’s Legacy, Feminism and the Next Generation” Professor Mama outlined Nkrumah’s contributions for a critical consideration of feminist contributions to African liberation thinking since the political independence era and how African women’s movements have pursued citizenship and rights in national and international arenas under conditions of extended imperialism as addressed comprehensively in Nkrumah’s literature on neo-colonialism.

The Vice-Chancellor, Professor Nana Aba Appiah Amfo during the installation ceremony, expressed the collective delight of the University of Ghana, in hosting a prominent scholar of high calibre. She highlighted Professor Mama’s outstanding leadership and her immense contributions to the celebration of an African icon, Dr Kwame Nkrumah.



Installation of the fourth occupant

GNPC RESEARCH CHAIR IN PETROLEUM GEOSCIENCE



Ghana National
Petroleum Corporation



PROFESSOR BANEONG-YAKUBO

In recognition of common interests, the mutual benefits of cooperation between research institutions and industry, the University of Ghana (UG) in partnership with the Ghana National Petroleum Commission (GNPC) signed a Memorandum of Understanding (MoU) for the establishment of a Research Chair in Petroleum Geoscience in June 2018 at the Department of Earth Science, College of Basic and Applied Sciences, to strengthen Petroleum Geoscience Research capacity.

In the interest of national development UG seeks to support the optimal exploration, delineation and development of Ghana's hydrocarbon resource and facilitate its sustainable development. In establishing a Research Chair, UG hopes to bring accomplished scientists to collaborate with industry to establish a state-of-the-art research laboratory in Geoscience with emphasis on facilitating research in petroleum exploration, training of geoscientists for the upstream sector and providing a blueprint for the African continent.

Since its inception, the Research Chair has established technical partnerships with leading universities collaborating in a series of teaching and learning exchange programmes for faculty and student development. Through engagements with industry the next generation of Petroleum Geoscience professionals will emerge through postgraduate programmes in Petroleum Geoscience at the department.

The Research Chair is coordinating the setting up of a Centre of Excellence at UG for producing world-class professionals in the field of geology and geophysics to provide innovative solutions to the mining and petroleum industries.

Prof Bruce Banoeng-Yakubo, the occupant of the Chair is a Professor of Geology, at the Department of Earth Science, College of Basic and Applied Science. Prof Banoeng-Yakubo has over 30 years' experience in teaching, research, and extension services in geology and hydrogeology. He was part of a team of researchers in groundwater invited by UNEP/UNESCO to assess pollution status and vulnerability of groundwater to pollution in some African cities including Abidjan, Lusaka, Niamey, and the Keta Basin of Ghana from 2002 to 2006.

Prof Banoeng-Yakubo was the Head of the Delegation of the Technical Team which successfully defended Ghana's application to the United Nations Commission on the Limits of the Continental Shelf, to extend Ghana's Continental Shelf beyond 200M. He was also the Chief Negotiator for Ghana during negotiations with Ivory Coast to delimit both countries' common Maritime Boundary from 2012 to 2015. He participated in Ghana's Oil and Gas Trade Mission to Aberdeen, Scotland. He has advised Government's Mining Renegotiation and Review Committee, to renegotiate all mining stability agreements and to review mining fiscal regimes to align with international best practice.

Professor Baneong-Yakubo's knowledge of the upstream petroleum sector makes him uniquely positioned to determine the scientific needs of the sector in order to guide research and training at UG.

The depth of his experience in Petroleum Geoscience at all levels of research, policy and industry compliments the University's mandate to bring applied science into practice.

FUNDING NEWS - 1ST JANUARY TO 31ST DECEMBER 2021

FUNDER	UG LEAD	ORIGINATING UNIT	PROJECT TITLE	BUDGET ALLOCATED TO UG
African Academy of Sciences	Dr. Paulina Tindana	West Africa Centre for Cell Biology of Infectious Pathogens (WACCBIP)	Examining Key Emerging Ethical Issues in the Planning, Review, and Implementation of COVID19 Research in Africa, and the Preparedness and Responsiveness of Research Review Authorities	USD 47,524.00
Ares Trading S. A	Dr. William Anyan	Department of Parasitology	Research Collaboration Agreement to Conduct an Operational Research Program Assessing the Potential to Roll-Out Quality Microscopy Training in Ghana to Significantly Improve Malaria Control at Healthcare Centre Level	EUR 29,134.00
Bill & Melinda Gates Foundation through Duke University (Duke Global Health Institute)	Prof. Justice Nonvignon	Department of Health Policy, Planning and Management	Laying the Foundation for Development of a Transition's Framework for Key Stakeholders	USD 30,992.50
Bill and Melinda Gates Foundation	Dr. Edward Asiedu	Department of Finance	African Research Initiative on Identification, Payments, and Governance	USD 74,934.00
Bill and Melinda Gates Foundation	Prof. Justice Nonvignon	Department of Health Policy, Planning and Management	Evaluation of the African Health Diagnostics Platform	USD 230,595.00
Bill and Melinda Gates Foundation	Prof. Richard Osei-Amponsah	Department of Animal Science	Tropical Poultry Genetic Solutions (TPGS)	USD 118,517.00
Bill and Melinda Gates Foundation	Prof. Justice Nonvignon	Department of Health Policy, Planning and Management	Evaluation Of the African Health Diagnostics Platform	USD 230,595.00
Bill and Melinda Gates Foundation	Dr. Peter Quashie	West Africa Centre for Cell Biology of Infectious Pathogens (WACCBIP)	Using Antibody Technology to Decipher the Immunological Impact of SARS-Cov-2 Variants on Pandemic Control	USD 311,298.00
Bill and Melinda Gates Foundation	Prof. Justice Nonvignon	Department of Health Policy, Planning and Management	Assessing Opportunity Costs of Seasonal Malaria Chemoprevention in SSA	USD 895,082.00

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FUNDER	UG LEAD	ORIGINATING UNIT	PROJECT TITLE	BUDGET ALLOCATED TO UG
British Council	Prof. Kwasi Appeaning Addo	Institute for Environment and Sanitation Studies (IESS)	Managing Climate Change Adaptation at the Coast through More Than Maps	GBP 24,944.00
British Educational Research Association (BERA)	Dr. Esinam Kayi	Department of Distance Education	Examining the Impact of Blended Learning on Distance Education Learners' Learning Outcomes: Perspectives from Instructors and Learners	GBP 5,000.00
Cambridge Africa Partnership for Research Excellence (CAPREx) through Carnegie Corporation of New York	Dr. Jewelna Akorli	Department of Parasitology (NMIMR)	Supplementary CAPREx Award	USD 5,000.00
Cambridge-Africa ALBORADA Research Fund	Prof. Samuel N.A. Codjoe	Regional Institute for Population Studies (RIPS)	Locating Urban Spaces of Climate Mobilities in Sub-Saharan African	GBP 3,000.00
Cambridge-Africa ALBORADA Research Fund	Dr. Prince Asare	Department of Bacteriology (NMIMR)	Detailed Characterization of Mycobacterium Bovis of Animal Origin and Tracking of Zoonotic Transmission between Bovine and Human Hosts in Ghana	GBP 19,670.00
Cambridge-Africa ALBORADA Research Fund	Dr. Dorotheah Obiri	Department of Immunology (NMIMR)	Biomarkers Of Placental Dysfunction to Predict Preeclampsia in Women with Sickle Cell Trait and Sickle Cell Disease	GBP 19,618.00
Carnegie Corporation of New York	Prof. Emmanuel Nyankson	Department of Materials Science and Engineering	Hydrophobic Nano Photocatalyst-Dispersant and Nano Photocatalyst-Sorbent Systems for Oil Spill Remediation	USD 4,815.00
Carnegie Corporation of New York	Dr. Naalamle Amissah	Department of Crop Science	CAPREx Supplementary Award	USD 5,000.00
Carnegie Corporation of New York	Dr. Angela Parry-Hanson Kunadu	Department of Nutrition and Food Science	Profiling and Genomic Characterization of Carbapenem Resistance of E. Coli Pathovars in Fresh-Cut Fruits	USD 4,967.00

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FUNDER	UG LEAD	ORIGINATING UNIT	PROJECT TITLE	BUDGET ALLOCATED TO UG
Carnegie Corporation of New York	Dr. Mary Chama	Department of Chemistry	Purpose of the Grant- "Purchase Small Equipment and Consumables	USD 5,000.00
Carnegie Corporation of New York	Prof. Richard Osei-Amponsah	Department of Animal Science	Genome Analyses for Sustainable Use and Conservation of the Ashanti Dwarf Pig of Ghana	USD 4,946.00
Carnegie Corporation of New York through University of Cambridge	Dr. Fred Aboagye-Antwi	Department of Animal Biology and Conservation Science	Biotic and Abiotic Factors Influencing the Fitness Cost of Plasmodium Falciparum Infections in Anopheles Gambiae S. S.	USD 5,000.00
Carnegie Corporation of New York through University of Cambridge	Dr. Theresa Gwira	West Africa Centre for Cell Biology of Infectious Pathogens (WACCBIP)	CAPREx Small Grants Application	USD 5,000.00
Carnegie Corporation of New York through University of Cambridge	Dr. Joseph Honger	Soil and Irrigation Research Centre (SIREC)	Characterisation Of Pectobacterium Species Isolated from Yams in Ghana	USD 3,050.00
Carnegie Corporation of New York through University of Cambridge	Dr. Lydia Mosi	Department of Biochemistry, Cell and Molecular Biology	Microbial Profiling of Nose Masks in the Covid-19 Era	USD 4,975.00
Carnegie Corporation of New York through University of Cambridge	Prof. Kwaku Kyeremeh	Department of Chemistry	CAPREx Supplementary Award	USD 4,920.00
Carnegie Corporation of New York through Cambridge Africa Partnership for Research Excellence (CAPREx)	Dr. Beverly Egyir	Department of Bacteriology (NMIMR)	Antimicrobial Resistance and Molecular Characteristics of Bacterial Species Recovered from Water for Human Consumption/Use (And Recreation) In Rural and Urban Areas in Ghana	USD 5,000.00
Centre for Disease Control (CDC)	Prof. Enerst Kenu	Department of Epidemiology and Disease Control	Enhancing Global Health Security: Expanding Efforts and Strategies to Protect and Improve Public Health Globally (ESPIHS-GH)	USD 1,985,000.00

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FUNDER	UG LEAD	ORIGINATING UNIT	PROJECT TITLE	BUDGET ALLOCATED TO UG
Chemonics International Inc.	Dr. Roger Atinga Dr. Samuel Derry	Department of Public Administration and Health Services Management Department of Biostatistics	Assessment of Relative Preference of Artemisinin-Based Combination Therapy (ACT) And Barriers/Challenges to Malaria Commodity Availability Across the Entire Supply Chain	GHS 405,654.00
Chemonics International Inc.	Dr. Roger Atinga Dr. Samuel Derry	Public Administration and Health Services Management Department of Biostatistics	Approaches And Implementation of the Supply Chain Management Researches Conducted in the Northern and Eastern Regions of Ghana	GHS 428,220.00
Community Foundations of Canada (CFC)	Prof. Erasmus Owusu	Centre for Climate Change and Sustainability Studies	Societal Transformation and Climate Change: Training the Next Generation of Scholars in Sub-Saharan Africa and Canada (Nextgen Climate Change Advanced Scholars) - VIRTUAL SCHOLARSHIPS COHORT	USD 31,700.00
DANIDA	Dr. Edward Sabi Prof. Irene Egyir Dr. Eric Oppong Danso	Department of Agricultural Engineering Department of Agricultural Economics and Agribusiness Forest and Horticultural Crop Research Centre (FOHCREC)	Building Vegetable Farmers Resilience to Climate Change - Fruitbunch	DKK 3,407,948.00
DANIDA	Prof. Abdul-Gafaru Abdulai	Department of Public Administration and Health Services Management	Energy Struggles: Renewable Energy in Africa	DKK 1,740,853.00
Department for International Development (DFID)	Dr. Bella Bello Bitugu	Sports Directorate	Para Sport Against Stigma	GBP 13,579.35
Department of Health and Human Services	Prof. Yaw Asare Afrane	Department of Medical Microbiology	Regional Centre for Vector Borne Diseases in West Africa (RCVBD)	USD 1,242,000.00

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FUNDER	UG LEAD	ORIGINATING UNIT	PROJECT TITLE	BUDGET ALLOCATED TO UG
Deutscher Akademischer Austauschdienst German Academic Exchange Service (DAAD) through University of Stuttgart	Prof. Martin Oteng-Ababio	Department of Geography and Resource Development	Sustainable Cities, Circular Economy, Sub Sahara Africa 2024: Success 24	EUR 25,920.00
Economic and Social Research Council (ESRC)	Prof. Joseph Teye	Centre for Migration Studies	GCRF Inclusive Societies-Migration for Inclusive African Growth	GBP 11,374.00
Engineering and Physical Sciences Research Council (EPSRC)	Dr. Caesar Atuire	Department of Philosophy and Classics	Engaging Young People in The Development of Digital Mental Health Innovation in Africa	GBP 17,700.00
European and Developing Countries Clinical Trials Partnership (EDCTP)	Prof. Enerst Kenu	Department of Epidemiology and Disease Control	Training Of Epidemiologists in Disease Outbreaks and Epidemic Response in Sub-Saharan Africa	EUR 749,998.75
European and Developing Countries Clinical Trials Partnership (EDCTP)	Prof. Dorothy Yeboah-Manu	Department of Bacteriology (NMIMR)	Creating a Gender Sensitive Platform for Clinical Research in West African Network for TB, AIDS, and Malaria (WANETAM) - TALENT	EUR 89,625.00
European Commission through University of Sheffield	Prof. Felix Ankomah Asante	Office of Research, Innovation and Development (ORID)	Erasmus+ Programme Key Action 1: Mobility for Learners and Staff - Higher Education Student and Staff Mobility	EUR 237,162.00
European Research Council Executive Agency - ERCEA	Prof. George Owusu	Department of Geography and Resource Development	Making Africa Urban (MAU): The Transcalar Politics of Large-Scale Urban Development	EUR 85,750.00
European Union/Commission	Prof. Peter Quartey	Institute of Statistical, Social and Economic Research (ISSER)	TRADE4SD: Fostering the Positive Linkages Between Trade and Sustainable Development.	EUR 92,500.00
Federal Ministry of Education and Research (BMBF) and the Ministry of Culture and Science of the State of North Rhine-Westphalia (MKW)	Dr. Caesar Atuire	Department of Philosophy and Classics	Bioethics Research and Resource Unit (BRReU)	EUR 20,000.00

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FUNDER	UG LEAD	ORIGINATING UNIT	PROJECT TITLE	BUDGET ALLOCATED TO UG
Fleming Fund	Prof. Eric Sampane-Donkor	Department of Medical Microbiology	One Health Surveillance of AMR in Non-Typhoidal Salmonella, Klebsiella Pneumoniae, and Other Gram-Negative Bacteria	USD 142,848.00
German Research Foundation (Deutsche Forschungsgemeinschaft [DFG])	Dr. John Ganle	Department of Population, Family and Reproductive Health	Uneven Geographies of Vaccine Manufacturing in the Global South: Assessing the Relations Between Research & Development and Global Equity	EUR 18,100.00
Global Challenges Research Fund (GCRF)	Prof. Gordon Awandare	West Africa Centre for Cell Biology of Infectious Pathogens (WACCBIP)	Do Epigenetic Processes Promote Drug Resistance in the Malaria Parasite, Plasmodium Falciparum?	GBP 154,353.00
Global Challenges Research Fund (GCRF)	Dr. Gladys Ansah	Department of English	Participating Theatre and The Mitigation of Social Environmental Harm: A Case Study from Artisanal and Small-Scale Gold Mining in Ghana	GBP 19,973.80
HBNU Fogarty Global Health Consortium	Prof. Gordon Awandare	West Africa Centre for Cell Biology of Infectious Pathogens (WACCBIP)	Partnership For Global Health Research Training Program. (5D43TW010543-05)	USD 127,128.00
Higher Education Funding Council for England	Dr. Benedict Weobong	Department of Social and Behavioural Sciences	Validating Measures for Measures of Alcohol Use and Mental Health: A Study in Ghana	GBP 20,001.85
Institute of Development Studies	Dr. John Ganle	Department of Population, Family and Reproductive Health	Evidence Fund: COVID-19 Social Science Research-Evidence Platform	GBP 36,114.00
International Covid 19 Data Alliance - ICODA	Dr. Patricia Akweongo	Department of Health Policy, Planning and Management	Impact Of COVID-19 on Health Service Delivery and Institutional Mortality: A Multi-Country Consortium	USD 7,920.00
International Food Policy Research Institute (IFPRI)	Prof. Samuel Adjei-Nsiah	Forest and Horticultural Crop Research Centre (FOHCREC)	From Oil Palm Mamas to Market Queens: Measuring the Gender Footprint of Informal and Formal Market Value Chains in Eastern Region, Ghana	USD 24,341.00

FUNDING NEWS - 1ST JANUARY TO 31ST DECEMBER 2021

FUNDER	UG LEAD	ORIGINATING UNIT	PROJECT TITLE	BUDGET ALLOCATED TO UG
ISSACHAR FUND	Dr. Adote Anum	Department of Psychology	Does Science "Pierce the Truth of Every Religion?" Exploring the Impact of Formal Education on Science and Religion	USD 30,350.00
Mastercard Foundation through Caribou Digital	Prof. Nana Akua Anyidoho	Centre for Social Policy Studies (CSPS)	Platform Livelihoods Gender Study - Ghana	USD 74,256.00
Medical Research Council	Dr. Anthony Danso-Appiah	Department of Epidemiology and Disease Control (NMIMR)	Improving Health Systems Responsiveness to Neglected Health Needs of Vulnerable Groups in Ghana and Vietnam	GBP 12,436.00
Medicines for Malaria Venture (MMV)	Dr. Yaw Aniweh	West Africa Centre for Cell Biology of Infectious Pathogens (WACCBIP)	Screening Collaborations Against Non-Falciparum Species	USD 20,130.00
Mohammed VI Polytechnic University, Morocco	Dr. Dilys MacCarthy Dr. Comfort Freeman	Soil and Irrigation Research Centre (SIREC) Department of Agricultural Extension	Fertilizer Research and Responsible Implementation (FERARI) - PhD Agreement	EUR 275,500.00
National Foundation for the Centres for Disease Control and Prevention, Inc.	Prof. Matilda Steiner-Asiedu	Department of Nutrition and Food Science	Burkina Faso National Micronutrient Survey to Strengthen Nutrition Surveillance	USD 9,317.00
National Geographic Society	Dr. Felix Hughes	Department of Physics	Making Case for Reducing Air and Noise Pollution in School Environments in Accra, Ghana.	USD 23,050.00
National Institutes for Health (NIH)	Prof. Mark Tettey	Department of Surgery	AHOMKA: A Culturally-Adapted mHealth Platform for Management of Hypertension in an Urban and Rural Region of Ghana	USD 54,000.00
National Institutes of Health (National Heart, Lung and Blood Institute)	Prof. Solomon Ofori-Acquah	Department of Medical Laboratory Sciences	Ghana-Sparco: Ghana Sickle Pan-African Research Consortium	USD 86,151.00

FUNDING NEWS - 1ST JANUARY TO 31ST DECEMBER 2021

FUNDER	UG LEAD	ORIGINATING UNIT	PROJECT TITLE	BUDGET ALLOCATED TO UG
National Institutes of Health (NIH)	Dr. Yvonne Dei-Adomakoh	Department of Haematology	Development and Evaluation of Community-Based Approaches and Donor Care Intervention Models for Improving Availability and Safety of Blood for the Management of Severe Anaemia in Ghana	USD 470,419.00
National Research Foundation COVID-19 Africa Rapid Grant Fund	Prof. Joseph Osafo	Department of Psychology	Stigma, Violence Experience and Mental Wellbeing among COVID-19 Survivors in Ghana: A Prospective Longitudinal Cohort Study	USD 100,000.00
National Research Foundation COVID-19 Africa Rapid Grant Fund	Prof. Reginald Ocansey	Department of Physical Education and Sports	Physical Activity Mediates, Fear, Anxiety and Depression, Associated with the COVID-19 Pandemic	USD 99,996.00
National Research Foundation COVID-19 Africa Rapid Grant Fund	Dr. Jewelna Akorli	Department of Parasitology (NMIMR)	Validation And Operationalization of LAMP Assays For COVID-19 Diagnosis in Low-Resourced Health Facilities in Ghana	USD 90,515.00
National Research Foundation COVID-19 Africa Rapid Grant Fund	Dr. George Boateng Kyei	Department of Virology (NMIMR)	Effects of Antimicrobial Mouthwash on the Detection of SARS-COV-2 in Ghana	USD 100,000.00
National Research Foundation COVID-19 Africa Rapid Grant Fund	Dr. Thomas Tagoe	Department of Physiology	Empowering an Integrated Community of Science Communicators	USD 19,649.30
National Institute of Health	Prof. Kwasi Torpey	Department of Population, Family and Reproductive Health	Survey on Trans Women Project in Greater Accra, Central, Ashanti and Volta Regions of Ghana	USD 160,809.00
Norwegian Agency for Development Cooperation (Norad)	Dr. Samuel Addo	Department of Marine and Fisheries Sciences	Capacity Building in Aquatic Animal and Environmental Health in West Africa	NOK 4,733,493.00
Norwegian Agency for Development Cooperation, Norad	Prof. Chris Gordon	Institute for Environment and Sanitation Studies (IESS)	Building Capacity to Crosslink Coastal Pollution with Climate Change_(BC5)	NOK 7,938,715.00

FUNDING NEWS - 1ST JANUARY TO 31ST DECEMBER 2021

FUNDER	UG LEAD	ORIGINATING UNIT	PROJECT TITLE	BUDGET ALLOCATED TO UG
Norwegian Agency for Development Cooperation, Norad through the University of Bergen	Prof. Julius Fobil	Department of Biological, Environmental and Occupational Health	Water ESSENCE Africa Creating Synergy to Meet the Global Challenges	NOK 1,401,000.00
O.R. Tambo Africa Research Chairs Initiative (ORTARCHI)	Prof. Kwesi Saalia	Department of Food Process Engineering	O.R. Tambo Africa Research Chair	ZAR 15,000,000.00
Open Society Institute	Prof. Gordon Awandare	West Africa Centre for Cell Biology of Infectious Pathogens (WACCBIP)	Building Capacity for Vaccine Development in Africa - Strengthening Next Generation Sequencing Capacity to Support Innovative Research	USD 1,000,000.00
Operation Smile Ghana	Ms. Nana Akua Victoria Owusu	Department of Audiology, Speech and Language	Operation Smile	GHS 54,249.00
Paris-Dauphine University - The Paris Dauphine Foundation	Prof. Charlotte Wrigley-Asante	Centre for Gender Studies and Advocacy	Exploring the Nexus Between Choice of Courses, Academic Performance and Career Aspirations	EUR 10,000.00
PASET Executive Board through Int'l Centre of Insect Physiology and Ecology (ICIPE)	Prof. Irene Egyir	Department of Agricultural Economics and Agribusiness	Building Resilient Agribusiness Practitioners Through Design Thinking Approach (Bradeta)	USD 89,748.00
PASET Executive Board through Int'l Centre of Insect Physiology and Ecology (ICIPE)	Prof. Irene Egyir	Department of Agricultural Economics and Agribusiness	Institutional Framework to Enhance the Agri-Innovation Ecosystem Within the University of Ghana	USD 50,000.00
Research Council of Norway	Prof. Justice Nonvignon	Department of Health Policy, Planning and Management	Supporting Inclusive and Accountable Health Systems Decisions in Ghana and Kenya for Universal Health Coverage (SUPPORT-SYSTEMS)	NOK 2,899,175.00
Research England	Dr. Samuel Amponsah	Department of Distance Education	ASPIRE Project - Teacher Resilience and Capabilities Network in Sub-Saharan Africa: Phase 2 In Ghana	GBP 6,100.00

FUNDING NEWS - 1ST JANUARY TO 31ST DECEMBER 2021

FUNDER	UG LEAD	ORIGINATING UNIT	PROJECT TITLE	BUDGET ALLOCATED TO UG
Research England	Prof. Audrey Gadzekpo	School of Communication Studies	Interrogating (Gendered) Information Ecosystems in Climate Change Adaptation in Rural Ghana and Kenya: A Pilot Field Study	GBP 8,400.00
Rideau Hall Foundation (RHF) Through McGill University	Prof. Richmond Aryeetey	Department of Population, Family and Reproductive Health	Netlinks: An Anglophone-Francophone Network Linking Scholars and Non-Academic Change Agents to Enhance Health Equity and Sustainable Inclusive Growth in Rural West Africa	CAD 220,806.00
Royal Academy of Engineering	Dr. Irene Appeaning Addo	Institute of African Studies (IAS)	Adaptation and Self-Recovery Solutions for Housing Flooding Resilience in Ghana	GBP 13,035.00
Social Sciences and Humanities Research Council (SSHRC)	Prof. Joseph Teye	Centre for Migration Studies	Urban Sanctuary, Migrant Solidarity and Hospitality in Global Perspective	CAD 35,000.00
SumOfUs	Dr. Enoch Dankyi	Department of Chemistry	To Study the Effects of Neonicotinoids on the Local Insect Population and the Cocoa Industry in Ghana	USD 16,500.00
The Alexander von Humboldt Foundation	Dr. Benoit Florent Sehba	Department of Mathematics	The Second German Research Chair in Mathematics and Its Applications	EUR 835,000.00
The Andrew Mellon Foundation	Prof. Samuel Agyei-Mensah Prof. Samuel Offei	Department of Geography and Resource Development Biotechnology Centre	Enhancing Capacity and Postgraduate Education in the Humanities+ at the University of Ghana (ENCAPEH+)	USD 800,000.00
The Arts and Humanities Research Council	Prof. Kodzo Gavua	Department of Archaeology and Heritage Studies	Imagining Futures Through Un/Archived Pasts	GBP 10,000.00
The British Academy	Prof. Stephen Kwankye	Regional Institute for Population Studies (RIPS)	Promoting Sustainable Livelihoods: Unpacking the Possibilities for Empowerment with Young Migrants In Ghana	GBP 56,293.41

FUNDING NEWS - 1ST JANUARY TO 31ST DECEMBER 2021

FUNDER	UG LEAD	ORIGINATING UNIT	PROJECT TITLE	BUDGET ALLOCATED TO UG
The British Academy	Dr. Peace Mamle Tetteh	Department of Sociology	Development and Education in the Vernacular for Infants and Children (DEVI): Learning Cultures in a Rural Village in West Africa	GBP 92,861.00
The British Academy	Dr. Gladys Ansah	Department of English	Developing Effective Communication about a Global Pandemic in a Multilingual Space: Language Choice and Language Use in COVID-19 Campaigns in Ghana	GBP 9,346.00
The British Academy	Dr. Irene Appeaning Addo	Institute of African Studies (IAS)	Writing West African University Campus Modernism: Joint Virtual Ghana Nigeria Workshop	GBP 3,681.50
The British Academy	Dr. Joana Yendork Dr. Franklin Glozah	Department of Psychology Department of Social and Behavioural Sciences	Leisure or Livelihoods? A Participatory Study of Youth Perspectives on Gambling and Its Social, Economic and Health Impacts in Ghana and Malawi	GBP 34,372.00
The British Council	Dr. Samuel Amponsah	Department of Distance Education	THEMIS (Evaluating Gender Equity and Equality in The English Language Teacher Curriculum, ICT Policies and Learning Materials in Botswana, Ghana, Nigeria, and South Africa)	GBP 30,800.00
The British Council	Prof. Frederick Obese	Department of Animal Science	Enhancing Smallholder Dairy Feeding Systems to Improve Productivity and Mitigate Climate Change Impacts in Malawi"- University of Bristol (The University) and University of Ghana	GBP 3,290.00
The Chancellor, Masters & Scholars of the University of Oxford	Prof. Kodzo Gavua	Department of Archaeology and Heritage Studies	African Cultural Heritage Programme	GBP 64,166.50
The French Agricultural Research Centre for International Development (CIRAD)	Prof. Felix Ankomah Asante	Office of Research, Innovation and Development (ORID)	Analysis of Consumers Preferences for Local Rice in Ghana	EUR 12,000.00
The Government of the United Kingdom of Great Britain and Northern Ireland acting through the Foreign, Commonwealth & Development Office (FCDO)	Prof. Gordon Awandare	West Africa Centre for Cell Biology of Infectious Pathogens (WACCBIP)	Comprehensive National Surveillance for COVID-19 and Building Laboratory Capacity for Sustainable Disease Control in Ghana	GBP 999,871.40

FUNDING NEWS - 1ST JANUARY TO 31ST DECEMBER 2021

FUNDER	UG LEAD	ORIGINATING UNIT	PROJECT TITLE	BUDGET ALLOCATED TO UG
The International Development Research Centre (IDRC)	Dr. Dzidzo Yirenya-Tawiah	Institute for Environment and Sanitation Studies (IESS)	Transforming Institutions to Advance Women Leaders in Science Technology Engineering and Mathematics (STEM)	CAD 1,247,700.00
The Leona M. & Harry B. Helmsley Charitable Trust	Dr. Leonard Baatiema	Department of Health Policy, Planning and Management	National Non-Communicable Diseases and Injuries Poverty Commission	USD 25,000.00
The Leona M. & Harry B. Helmsley Charitable Trust	Dr. Leonard Baatiama	Department of Health Policy, Planning and Management	Redesigning Care, Protecting the Vulnerable: Building Universal Access for Type One Diabetes(T1D) and other Severe Chronic Noncommunicable Diseases for the World's Poorest People by 2030	USD 25,000.00
The Nagel Institute for the Study of World Religions, Calvin University	Dr. Felicity Apaah	Department of Study of Religions	Exploring Semiotic Dimensions and Symbolic Expressions of Indigenous Spiritualities and Values	USD 50,000.00
The Research Council of Norway (RCN) through University of Oslo	Prof. Samuel Agyei-Mensah	Department of Geography and Resource Development	Epidemic Traces. Remains of Infectious Disease Control in Africa, and How they Shape Future Health	NOK 25,000.00
The Rockefeller Foundation	Prof. Gordon Awandare	West Africa Centre for Cell Biology of Infectious Pathogens (WACCBIP)	Tracking Covid-19 Infections in West Africa to Guide Public Health Interventions	USD 799,626.00
The Secretary of State for Health and Social Care - NIHR	Dr. Patrick Adjei	Department of Medicine and Therapeutics	Epilepsy Pathway Innovation in Africa (EPInA)	GBP 624,238.00
The State of Israel through its Embassy in Ghana, Liberia and Sierra Leone	Prof. George Obeng Adjei	Office of Research, Innovation and Development (ORID)	Digital Innovation Week Conference	GHS 10,225.00
Tides Foundation through Massachusetts Institute of Technology Research Administration Services	Dr. Edward Asiedu	Department of Finance	Supporting Female Entrepreneurs During a Pandemic: Evidence from a Field Experiment in Ghana	USD 49,979.00
U.S. Agency for International Development (USAID)	Prof. Justice Nonvignon	Department of Health Policy, Planning and Management	Country Health Information Systems and Data Use (CHISU) Under Global Evaluation and Monitoring Network for Health (GEMNet-Health)	USD 812,995.93
UK Funding Body - Engineering and Physical Sciences Research Council (EPSRC) and Belmont	Dr. Yaw Agyeman Boafo	Centre for Climate Change and Sustainability Studies	Re-Energize Governance of Disaster Risk Reduction and Resilience for Sustainable Development	GBP 44,163.18

FUNDING NEWS - 1ST JANUARY TO 31ST DECEMBER 2021

FUNDER	UG LEAD	ORIGINATING UNIT	PROJECT TITLE	BUDGET ALLOCATED TO UG
UK Research and Innovation - UKRI	Prof. Irene Egyir	Department of Agricultural Economics and Agribusiness	Food Systems Research Network for Africa	GBP 48,400.00
UK Research and Innovation - UKRI	Prof. Michael Wilson	Department of Parasitology (NMIMR)	Consortium Agreement for the Establishment of the ARUA Centre of Excellence in Non-Communicable Diseases (ACE-NCDs)	GBP 36,000.00
UK Research and Innovation - UKRI	Dr. Naalamle Amissah	Department of Crop Science	Farmers' Perspectives on Challenges In The Food System: A Collaborative Research Partnership	GBP 16,050.00
UK Research and Innovation - UKRI	Dr. Annabella Osei-Tutu	Department of Psychology	The Impact Of COVID-19 on People Living with Psychosocial Disabilities in Rural and Urban Settings in Ghana and Indonesia and Priorities for Inclusive Recovery	GBP 38,506.97
UK Research and Innovation - UKRI	Dr. Issahaka Fuseini	Department of Adult Education and HR Studies	(Re)Thinking the Off-Grid City 2019: Reimagining Infrastructure: How is Marginalised People's Food and Nutrition Security Shaped by a Continuum of Urban Infrastructure Assemblages?	GBP 92,185.00
UK Research and Innovation - UKRI	Dr. Adelina Mensah	Institute for Environment and Sanitation Studies (IESS)	The COVID Observatories: Monitoring the Interaction of Pandemics, Climate Risks, and Food Systems among the World's Most Disadvantaged Communities	GBP 15,991.15
UKRI-GCRF Newton Fund, through The Chancellor, Master and Scholars of the University of Cambridge	Prof. Joseph Osafo	Department of Psychology	Psychosocial Effects of the COVID-19 Pandemic on Families with Young Children: A Comparison of Four Middle-Income Countries (EBLS-C19)	GBP 2,500.00
UN Women through African Population and Health Research Center	Dr. Deda Ogum Alangea	Department of Population, Family and Reproductive Health	Capacity Development Strategy to Enhance Capacities of National Institutions to Collect Violence Against Women (VAW) Prevalence Data	USD 20,061.00
UNDP	Prof. Kwasi Appeaning Addo	Institute for Environment and Sanitation Studies (IESS)	Implementation of the Promoting Circular Economy in Ghana Project	USD 29,960.00
University of Sheffield	Dr. Freda Dzifa Intiful	Department of Nutrition and Dietetics	Erasmus Mobility Award	GBP 5,307.00
US Department of State (American Embassy, Accra)	Dr. Abena Yeboah-Banin	School of Communication Studies	State of the Ghanaian Media Report	USD 24,882.00
USAID	Mr. Joshua Adjah	West Africa Centre for Cell Biology of Infectious Pathogens (WACCBIP)	Developing a Novel Tool using Mirna for Diagnosis of Female Genital Schistosomiasis	USD 29,797.11
USAID	Dr. Seth Adu-Afarwuah	Nutrition and Food Science	Micronutrient Impact of Oysters in the Diet of Women Shellfishers	USD 69,152.00

FUNDING NEWS - 1ST JANUARY TO 31ST DECEMBER 2021

FUNDER	UG LEAD	ORIGINATING UNIT	PROJECT TITLE	BUDGET ALLOCATED TO UG
Wageningen Centre for Development Innovation (WCDI)	Dr. Agyeman Danquah	West Africa Centre for Crop Improvement (WACCI)	Hortifresh	EUR 66,138.68
WASCAL and German Government	Prof. Joseph Teye	Centre for Migration Studies	Migration And Translocality in West Africa Project (MiTra-WA)	EUR 155,722.00
Wellcome Trust through Birkbeck, University of London	Dr. Caesar Atuire Dr. Lily Kpobi	Department of Philosophy and Classics Regional Institute for Population Studies (RIPS)	Re-Examining the 'Global' in Global Mental Health: African Understanding of Mental Disorder and Intellectual Disability	GBP 5,132.26
World Health Organisation (WHO)	Dr. Deda Ogum Alangea	Department of Population, Family and Reproductive Health	Health Systems Analysis and Evaluations of the Barriers to Availability, Utilization and Readiness of Sexual and Reproductive Health Services in COVID-19 Affected Areas	USD 72,000.00
World Health Organisation (WHO)	Dr. Phyllis Dako-Gyeke	Department of Population, Family and Reproductive Health	Agreement for Performance of Work (APW) to Enhance the TDR Global African Community Engagement	USD 40,000.00
World Health Organisation (WHO)	Prof. Samuel Agyei-Mensah	Department of Geography and Resource Development	To Provide Conceptual and Methodological Support for The Development of Urban Policy Mapping and Tracking within the Urban Health Initiative (UHI).	USD 20,000.00
World Health Organisation (WHO)	Prof. Samuel Agyei-Mensah	Department of Geography and Resource Development	To Organize a Conference on The Development of Urban Health Policy Tracking within the Urban Health Initiative (UHI)	USD 5,342.00
World Health Organisation (WHO)	Prof. Samuel Agyei-Mensah	Department of Geography and Resource Development	To Organize a Conference on the Development of Urban Health Policy Tracking within the Urban Health Initiative (UHI) 2021/1168635	USD 10,300.00
World Health Organisation (WHO)	Prof. Samuel Agyei-Mensah	Department of Geography and Resource Development	Urban Health Initiative: Tracking Land-Use Effects on Health in Accra	USD 22,400.00
World Universities Network	Dr. Mariama Zaami	Department of Geography and Resource Development	Strengthening Antenatal Care Resilience in the Face of Pandemics (SARA)	GBP 2,500.00

AWARDS & APPOINTMENTS

GHANA ACADEMY OF ARTS AND SCIENCES INDUCTS DISTINGUISHED UG MEMBERS

The Chair of the University Council, Her Ladyship Justice Sophia Akuffo (Rtd.) and the Vice-Chancellor, Prof. Nana Aba Appiah Amfo are among seven (7) distinguished members of University of Ghana inducted as Fellows of the Ghana Academy of Arts and Sciences (GAAS) as part of the Academy's 2021 Founder's week celebration. The others are; Prof. Peter Quartey, Director, Institute of Statistical, Social and Economic Research (ISSER), Prof. Kofi Agyekum, former Dean, School of Performing Arts, Prof. Martin Odei Ajei, Department of Philosophy and Classics, Prof. Regina Appiah-Opong, Head, Department of Clinical Pathology, Noguchi Memorial Institute for Medical Research, and Prof. Eric Sampene-Donkor, Department of Medical Microbiology, UGMS.



PROF. NANA ABA APPIAH AMFO INDUCTED AS VICE-CHANCELLOR

The University of Ghana inducted Prof. Nana Aba Appiah Amfo as the first female and 13th executive head of the premier University.

Professor Nana Aba Appiah Amfo was also honoured for her contributions to academia and the creation of knowledge at the 2021 Grow Unite Build (GUBA) Awards celebrate 'women of enlightenment' who break barriers to opportunities.



CHANCELLOR RECEIVES HONORARY DOCTORATE

Mrs. Mary Chinery-Hesse has been awarded an honorary Doctor of Science, Economics Degree by the University of London at the University's Foundation Day Ceremony. Mrs. Chinery-Hesse has been an influential advocate on economic developmental

AWARDS & APPOINTMENTS



PROFESSOR GORDON AWANDARE CHAIRS COUNCIL OF UTAS

His Excellency Nana Addo Dankwa Akufo-Addo, President of the Republic of Ghana, has reappointed Professor Gordon Awandare, the Founding Director of the West Africa Centre for Cell Biology of Infectious Pathogens (WACCBIP), as chairman the Governing Council of the C. K. Tedam University of Technology and Applied Sciences (CKT-UTAS) in Navrongo, Upper East Region.



PROFESSOR DANQUAH JOINS INDEPENDENT ADVISORY COMMITTEE

Professor Eric Yirenkyi Danquah, Director of the West Africa Centre for Crop Improvement (WACCI), University of Ghana, has been appointed to serve on the Independent Advisory Committee (IAC) of the Centre for African Leaders in Agriculture (CALA).

CALA is an initiative of the Alliance for a Green Revolution in Africa (AGRA) designed to support established and emerging leaders. Professor Danquah is joining the IAC as an Agricultural Systems Expert representing universities in Africa.



DR. ANITA GHANSAH RECEIVES SCIENCE FELLOWSHIP AWARD

Dr. Anita Ghansah, a Senior Research Fellow at the Department of Parasitology, Noguchi Memorial Institute for Medical Research, has received an award of the inaugural Calestous Juma Science Leadership Fellows.

An initiative of the Bill & Melinda Gates Foundation (BMGF), the award is aimed at training resilient science leaders in communities around the world.

For her fellowship, Dr. Ghansah will build a cost-efficient malaria molecular surveillance system with high spatial and temporal resolution that covers the entire country.

BUILDING CAPACITY



2021-2022 GRANTEE

Amma Appah
Capacity Development Team Lead

Grantsmanship training builds capacity for early career researchers and doctoral candidates.



The Association
of Commonwealth
Universities

UNIVERSITY OF GHANA INNOVATION HUBS



WEST AFRICA CENTRE FOR
CROP IMPROVEMENT



Kofi Annan Enterprise Hub for Agricultural Innovation (KAEHAI)

Accessible via; <http://tiny.cc/w23quz>



UGBS Innovation and Incubation Hub

UGBS NEST

A UGBS led Innovation and Incubation Hub
A UGBS led Innovation and Incubation Hub
A UGBS led Innovation and Incubation Hub

Accessible via; <http://tiny.cc/tb5quz>



UG TECH Online



The University of Ghana Online Technology Portal "UGTechOnline" seeks to showcase the economic, social environmental and cultural impact of the University's research on businesses and the society. UGTechOnline also provides an opportunity for the University to mobiliseresources to scale up technologies developed at the University to facilitate technology transferand / commercialization.

Accessible via: <https://www.ug.edu.gh/ugtechonline/>



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