

CURRICULUM VITAE

Name: Mrs Sandra Abankwa Kwarteng, PhD

Maiden Name: Sandra Baffour-Awuah

DETAILS

Nationality: Ghanaian
Address: Theoretical and Applied Biology,
KNUST,
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[Google Scholar](#)

PROFICIENCIES

Teaching	Monitoring and Evaluating Scientific Study
Communicating Scientific Research	Scientific Project Site Management
Supervising and Mentoring	Operationalizing Scientific Research Protocol
Designing and Planning Research	Managing and Operating Laboratory Studies
Developing Scientific Capacity	

RESEARCH INTERESTS/FOCUS

Vector Biology	Zoonotic Diseases
Medical Entomology	Infectious Diseases
Parasitology	Neglected Tropical Disease

PROFESSIONAL SKILLS

Cognitive Skills	Strategic Leadership
Interpersonal Skills	Diversity and Inclusion Skills
Team Playing Skills	Record Keeping
Organizational Skills	Work Ethics

EDUCATION

- November 2017 PhD (Entomology)
Kwame Nkrumah University of Science and Technology (KNUST).
- June 2013 MPhil (Entomology)
Kwame Nkrumah University of Science and Technology (KNUST).
- June 2008 BSc (Biological Science)
Kwame Nkrumah University of Science and Technology (KNUST).
- December 2010 Diploma (Geo-Information and Earth Observation)
University of Twente (KNUST campus).
- August 2003 Senior Secondary School Certificate Examination
St. Louis Secondary School, Kumasi, Ghana-West Africa.

PROFESSIONAL EXPERIENCE

- Jul 2017- Present Postdoctoral Research Fellow
Ellis Owusu-Dabo Research Group (AG-EOD), School of Public Health (SPH), Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana.
- Jul 2010-Jun 2017 Research Assistant
Ellis Owusu-Dabo Research Group (AG-EOD), Kumasi Centre for Collaborative Research in Tropical Medicine (KCCR), Kumasi-Ghana.
- Oct 2014-Jun 2015 Visiting Early Career Scientist
Young Scientists' Exchange and Mobility Programme in the ECOWAS Region, West Africa Health Research Network (WAHRNET), Centre Muraz Research Institute, Bobo-Dioulasso-Burkina Faso.
- Jan 2014-Dec 2014 Research Fellow
African Programme for Advanced Research Epidemiology Training (APARET).
- Aug 2011-Dec 2017 Insectary Setting up and Management
Kumasi Centre for Collaborative Research in Tropical Medicine (KCCR), Kumasi-Ghana.
- May-Dec 2010 Graduate Intern
Centre for Scientific and Industrial Research /Crop Research Institute (CSIR), Fomesua-Ghana.

May-Jul 2005-2007 Student Intern
Dec-Jan 2005-2007 Kojach Pharmacy, Kumasi-Ghana.

MASTERS AND PHD SUPERVISION

2021	Sharon Gyekyewaa Asare PhD Entomology Department of Theoretical and Applied Biology KNUST	Ongoing
2021	Bernice Olivia Ama Baako MPhil Entomology Department of Theoretical and Applied Biology KNUST	Submitted
2022	Darko, Newlove Isaac MPhil Entomology Department of Theoretical and Applied Biology KNUST	Ongoing
2023	Patrick Obuam MPhil Entomology Department of Theoretical and Applied Biology KNUST	Ongoing

GRANTS AND RESEARCH EXPERIENCE

2024	Co-Investigator Mainstreaming Gender in Higher Education: A Prerequisite for Advancing Science, Technology, and Innovation in Ghana. Ministry of Environment, Science, Technology, and Innovation (MESTI), Ghana.	
2022-2023	Principal Investigator Aedes-borne Arbovirus Study (ABAS) Do national parks and non-human primate sanctuaries contribute to the prevalence of Aedes-borne arboviruses in Ghana? Multidisciplinary Award KNUST Research Fund (KREF)-KNUST	
2022-2023	Co-Investigator Laboratory and Experimental Hut Evaluation of a Plant-based Insecticide in Ghana. Syngenta	
2017-Present	Study Coordinator- Mosquito and Tick-borne Infections Surveillance	

- Investigating viral and bacterial prevalence with their respective arthropod vectors inherent to the Kumasi Metropolis.
Naval Medical Research Unit Three (NAMRU3), School of Public Health, KNUST
- 2017-2018 Coordinator (Entomology phase)
Determining the attractiveness of malaria vectors in subjects co-infected with schistosomiasis and malaria (TRANSMAL).
EOD Working Group
- 2017 Coordinator –
Assessing the effect of indoor residual spraying within four districts in the Savannah and Forest areas of Ghana.
Anglogold Malaria Control (AGAMal)
- 2017 Study Coordinator - SIM Vector Study
Investigating the transmission of *Onchocerca volvulus* by *Simulium sanctipauli* and the intermittent disappearance of the vector the Upper Denkyira District, Ghana.
German Senior Expert Service, Bonn,
- 2014-2017 Co-Investigator
The role of *Lysinibacillus sphaericus* in malaria control: a community trial in Kumasi, Ghana (*Bti* and *Bs*).
EOD Working Group
- 2014 Principal Investigator
Identifying missed opportunities of tuberculosis identification in cattle and pigs as a result of limitations in routine physical diagnostic at the Kumasi Abattoir to inform policy.
African Programme for Advanced Research Epidemiology Training (APARET).
- 2011, 2017 Study Coordinator - SIM Vector Study
Investigating the transmission of *Onchocerca volvulus* by *Simulium sanctipauli* and the intermittent disappearance of the vector the Upper Denkyira District, Ghana.
German Senior Expert Service, Bonn,

TEACHING/TRAINING EXPERIENCE

- 2024 Mentor
Community-Based Education for Onchocerciasis: Bridging Gaps in Knowledge, Changing Attitudes, and Fostering Preventive Practices in Selected Communities in Southern Ghana
UAB Minority Health International Research Training Programme
University of Alabama, Birmingham
- 2023 Mentor
Assessment of Onchocerciasis disease risk in selected communities in the Southern part of Ghana.
UAB Minority Health International Research Training Programme
University of Alabama, Birmingham
- June 2021-Present Mentor
Women in Science, Technology, Engineering and Mathematics (WiSTEM_{Gh}) & Mastercard Foundation Mentoring Program, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana.
- Aug 2020-Present Lecturer
Department of Theoretical and Applied Biology
College of Science, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana.
- Aug 2018-July 2020 Lecturer
Department of Basic and Applied Biology, School of Science, University of Energy and Natural Resources (UENR), Sunyani-Ghana.
- February 2020 Lecturer
Short course on Scientific Capacity Development in Resource Limited Settings: lessons on taking advantage of unconventional route, KSMD Research Webinar for Medical Students, online.
- Aug -Dec 2009 Tutor
Introduction to Microsoft Office Applications and IT (word, excel, power point), Smart Business and Technology Institute Kumasi, Kumasi, Ghana.

PROFESSIONAL MEMBERSHIP OF SOCIETIES

- 2023- Deputy Secretary
The Pan-African Mosquito Control Association (PAMCA)
Ghana Branch

2021- Present	Fellow Africa Hall of Residence, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana.
2020- Present	Member University Teachers Association, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana.
2018- 2020	Member University Teachers Association, University of Energy and Natural Resources (UENR), Sunyani-Ghana.
2020- Present	Member Ghana Science Association, KNUST Chapter-Ghana.
2020- Present	Member Women in Science, Technology, Engineering and Mathematics (KNUST chapter).
2018- Present	Member Organization of Women in Science for the Developing World (OWSD) (KNUST chapter).
2018-2020	Member Women in Science, Technology, Engineering and Mathematics (UNER chapter)
2014-2015	Fellow West African Health Research Network (WAHRNET).
2014	Fellow African Programme for Advanced Research Epidemiology Training (APARET).

WORKSHOPS / CONFERENCES / COURSES

December 2023	Becoming an Effective Mentor and Personal Grooming WISTEM _{GH} – Mastercard Foundation, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana.
July 2022	Grant Writing and Disease Modelling Workshop Centre for Vector-Borne Disease Research (CVBDR) University of Ghana, Accra-Ghana.

June 2022	Grant Proposal Writing Office of Grants and Research, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana.
June 2022	‘Bridging the Gender Gap in Leadership for Women in STEM’ Leadership Workshop for Early Career Females in Academia Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana.
March 2022	Capacity Building Workshop-Data Analysis International Programmes Office (IPO) & Women in Science, Technology and Mathematics (WiSTEM) & Laboratory for Interdisciplinary Statistical Analysis (LISA) Kwame Nkrumah University of Science and Technology (KNUST).
February 2022	College of Sciences Seminar Series for Senior Members Education Assessment Measurement and Curriculum Development Faculty of Biosciences, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana.
February 2022	Capacity Building Workshop - Digital Literacy E-Learning Centre, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana
September 2021	Workshop on SDGs and Universities: Actions towards KNUST’s Mandate @ 70 and beyond’, 9 th Summer School Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana.
August 2021	Website Management Training for Women in Science, Technology, Engineering and Mathematics (WiSTEM) University Information Technology Services, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana.
July 2021	Research Philosophies, Approaches and Strategies West Africa Built Environment Research (WABER) Conference, Online.
July 2021	Career Progression Workshop Women in Science, Technology, Engineering and Mathematics (WiSTEM) KNUST-Chapter, Kumasi-Ghana.
April 2021	Workshop for Recently Recruited Young Female Academic and Administrators International Programmes Office (IPO) & Women in Science, Technology and Mathematics (WiSTEM), Kwame Nkrumah University of Science and Technology (KNUST).

November 2020	SciVal: Whats new and coming soon, Elsevier Research Intelligence Training Academy Researcher Academy on Campus, Online
December 2020	Research Communication WRITE-SHOP for Early Career Scientist, Kumasi Centre for Collaborative Research in Tropical Medicine (KCCR), Filariasis Team, Elmina, Ghana
October 2020	Workshop on Access to Library Resource for Teaching, Learning and Research Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana.
October 2020	Capacity Building Workshop Women in Science Technology and Mathematics (WiSTEM _{Gh}), Takoradi Technical University, Online
August 2020	Training on the use of Moodle for Online Teaching and Learning Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana
February 2019	UENR-ACU Mentor-Mentee Pairing Workshop University of Energy and Natural Resources (UENR), Sunyani, Ghana
January 2019	Workshop on Good Assessment Practices in Higher Education: Improving Teaching and Learning Quality Assurance and Planning Unit, University of Energy and Natural Resources, Sunyani, Ghana
November 2018	Workshop on Setting the Stage for Achieving the SDGs Organisation of Women in Science in Developing countries-OWSD @ 25, Kumasi, Ghana
May 2018	Certificate Course on Implementation Research World Health Organisation (WHO)/TDR, United Nations University-International Institute for Global Health, Monash University, Mass Online Open Course
May 2018 & July 2013	First Aid Training Kumasi Centre for Collaborative Research in Tropical Medicine (KCCR) Kumasi- Ghana
July 2017	Junior Researchers Training on Proposal Writing and Small Grant Application USAID/ Research and Development Department, Ghana Health Service Workshop, Accra-Ghana

June 2017	Research Project Management and Contract Negotiations Workshop, USAID/Ghana Evaluate for Health Project, Kumasi-Ghana
May 2017	Introduction to Clinical Research and Development Workshop Kumasi Centre for Collaborative Research in Tropical Medicine (KCCR), Kumasi-Ghana
February 2017	Knowledge Management and Knowledge Translation Workshop, USAID/ Ghana Evaluate for Health Project Workshop, Kumasi-Ghana
Mar 2015-Apr 2015	Beginner French Language Studies, Centre de Langues et de Formation, Bobo Dioulasso, Burkina Faso
April 2014	Project Management Workshop African Programme for Advanced Research Epidemiology Training (APARET), Zanzibar-Tanzania
January 2014	Introduction to Proposal Writing African Programme for Advanced Research Epidemiology Training (APARET), Kampala-Uganda
August 2010	Waste Management Training Kumasi Centre for Collaborative Research in Tropical Medicine (KCCR) Kumasi, Ghana

PUBLICATIONS

1. Darko, S.N., Boahen, K.G., Okyere, P.B., Addo, C.N.K., Afuaa, J.A., Adjei, E., Manuella, H., Anwhere, N.E. and Kwarteng, S.A., 2024. Covid-19 Vaccine Acceptance and Risk Perception in Ghana: Insights from A Study on Tertiary-Level Students and Surrounding Residents in Kumasi. *Journal of Science and Technology (Ghana)*, 42(2), pp.1-18.
2. Addo, S.O., Bentil, R.E., Mosore, M.T., Behene, E., Adinkrah, J., Tagoe, J., Yeboah, C., Baako, B.O.A., Atibila, D., **Kwarteng, S.A.** and Poku-Asante, K., 2024. Risk factors affecting the feeding site predilection of ticks on cattle in Ghana. *Experimental and Applied Acarology*, 92(4), pp.835-850.
3. Obadiah, Opoku-Bamfoh, Sandra **Abankwa Kwarteng**, AN Owusu Frema, Akpanya Raphael, A. Mensah Kelvin, Badu Mercy, Y. Gyamfi Fred et al. (2023). "Repellent and larvicidal properties of selected indigenous plants in the control of Anopheles mosquitoes." *Journal of Vector-Borne Diseases*: 10-4103. DOI: 10.4103/0972-9062.392267.

4. Asare, Sharon Gyekyewaa, **Abankwa Kwarteng Sandra**, Bismark Sekyere Owusu, and Philip Kweku Baidoo. (2023) "Effects of Harvest Time on Quality of Stored Maize (*Zea mays L.*) in the Southern Part of Ghana." *Peruvian Journal of Agronomy* 7, no. 2: 144-155.
5. Asare, Sharon G., **Abankwa Kwarteng S.**, B. S. Owusu, and P. K. Baidoo. "Effects of Harvest Time and Storage Form on Insect Population and Damage of Maize." *Indonesian Journal of Agricultural Research* 6, no. 1 (2023): 12-22.
6. **Abankwa Kwarteng, S.**, (2022). Mosquitoes Small Bite Big Threat. *Everyday Science for Schools Magazine*. 8(2), p 43.
7. Akuamoah-Boateng, Y., Brenyah Caren R., **Abankwa Kwarteng S.**, Obuam P., Owusu-Frimpong I., Addo Agyapong K., Badu K. (2021). Malaria transmission, vector diversity and insecticide resistance at a peri-urban site in the forest zone of Ghana. *Frontiers in Tropical Diseases, section Vector Biology*. <http://doi.org/10.3389/fit2021.739771>.
8. Nkansah, D., Henry H., Twumasi-Ankrah, S., **Baffour-Awuah, S.**, Adjei-Kusi, P., Yar, D., Owusu-Dabo, E. (2020). Three monthly doses of 60 mg/kg praziquantel for *Schistosoma haematobium* infection is a safe and effective treatment regimen. *BMC Infectious Diseases* 20(1). <http://doi.org/10.1186/s12879-020-05053-z>
9. Agyemang, AN, Badu K, **Baffour-Awuah, S.** Owusu-Dabo E, Biritwum, NK, Garms, R, Kruppa, TF. (2018). Evaluation of onchocerciasis control in the Upper Denkyira East Municipal in the forest area of Ghana: Responses of participants and distributors to the CDTI programme. *Acta Tropica*. 185, p 357-362.
10. **Baffour-Awuah, S.**, Annan, A. A., Maiga-Ascofare, O., Dieudonné, S. D., Adjei-Kusi, P., Owusu-Dabo, E., & Obiri-Danso, K. (2016). Insecticide resistance in malaria vectors in Kumasi, Ghana. *Parasites & Vectors*, 9, 633. <http://doi.org/10.1186/s13071-016-1923-5>.
11. Amegashie, E.A., Owusu-Dabo, E., Salifu, S.P., Awuah, A.A.A., **Baffour-Awuah, S.**, Addofoh, N., Annan, A. and Winter, C.H. (2016). Sero-prevalence and occupational risk factors for Brucella infection among slaughterhouse workers and butchers in Kumasi, Ghana. *Journal of Epidemiological Research*, 3(1), p.17.
12. Dogbe, J., Owusu-Dabo, E., Edusei, A., Plange-Rhule, G., Addofoh, N., **Baffour-Awuah, S.**, Sarfo-Kantanka, O., Hammond, C. and Owusu, M. (2016). Assessment of prison life of persons with disability in Ghana. *BMC international health and human rights*, 16(1), p.20.
13. Garms, R., Badu, K., Owusu-Dabo, E., **Baffour-Awuah, S.**, Adjei, O., Debrah, A.Y., Nagel, M., Biritwum, N.K., Gankpala, L., Post, R.J. and Kruppa, T.F. (2015). Assessments of the transmission of *Onchocerca volvulus* by *Simulium sanctipauli* in the Upper Denkyira District, Ghana, and the intermittent disappearance of the vector. *Parasitology research*, 114(3), pp.1129-1137.

14. Annan, A.A., Owusu-Dabo, E., **Baffour-Awuah, S.**, Nartey, R., Nimako, S., Ayimbire, A.G., Salifu, P.S., Amoyaw, F., Segbaya, S. and Ohene, B.K. (2014). Insecticide resistance in malaria vector mosquitoes at 5 selected districts in Ghana, West Africa. *East African Journal of Public Health*, 11(4), pp.830-838.
15. **Baffour-Awuah, S.**, Owusu-Dabo, E., Kruppa, T., Annan, A., Nartey, R., Dogbe, J., Pandam, S., Becker, N., Oppong, S. and Obiri-Danso, K. (2014). *Lysinibacillus sphaericus* biolarvicide, an efficacious tool in the control of *Anopheles gambiae* in Kumasi, Ghana. *East African Journal of Public Health*, 11(4), pp.903-913.
16. Nartey, R., Owusu-Dabo, E., Kruppa, T., **Baffour-Awuah, S.**, Annan, A., Oppong, S., Becker, N. and Obiri-Danso, K. (2013). Use of *Bacillus thuringiensis var israelensis* as a viable option in an Integrated Malaria Vector Control Programme in the Kumasi Metropolis, Ghana. *Parasites & vectors*, 6(1), p.116.

CONFERENCE PRESENTATIONS

1. **Sandra Baffour-Awuah**, Oumou Maiga-Ascofare, Richard Larbi, Henry Hanson, Patrick Obuam, Priscilla Adjei-Kusi, Denis Yar, Ellis Owusu-Dabo (2021). Impact of antihelmintic treatment on attractiveness of *Anopheles* to malaria and schistosomiasis co-infection. Poster Presentation. “COVID-19 Pandemic: Scientific Updates and The Way Forward”. 10th GSA Research Seminar and Poster Presentations (Webinar 2021), 27th -28th April 2021.
2. **Sandra Baffour-Awuah**, Oumou Maiga-Ascofare, Richard Larbi, Henry Hanson, Patrick Obuam, Priscilla Adjei-Kusi, Denis Yar, Ellis Owusu-Dabo (2018). Attractiveness of *S. haematobium* and *P. falciparum* infection to *Anopheles*. Oral Presentation. 3rd Scientific Conference of West African Health Research Network (WAHRNET). Cotonou, Benin, 5th to 7th March 2018.
3. **Sandra Baffour-Awuah**, Augustina Angelina Annan, Oumou Maiga-Ascofare, Soma Dieudonné, Priscilla Adjei-Kusi, Ellis Owusu-Dabo, & Kwasi Obiri-Danso (2017). Malaria vector resistance profiling Kumasi, Ghana. 10th Ghana Biomedical Convention- A New Era of Biomedical Research and Development in West Africa. Convention of Biomedical Research, Ghana (CoBReG), Accra, Ghana, 26th – 28th July 2017.
4. **Sandra Baffour-Awuah**, Ellis Owusu-Dabo, Thomas Florian Kruppa, Norbert Becker, Samuel Oppong, Kwasi Obiri-Danso (2014). *Lysinibacillus sphaericus* biolarvicide, an efficacious tool in the control of *Anopheles gambiae* in Kumasi, Ghana. Poster presentation. 7th Annual Scientific Conference of the Ghana Biomed Convention, Cape Coast, Ghana, 30th July - 1st August, 2014.
5. **Sandra Baffour-Awuah**, Ellis Owusu-Dabo, Thomas Kruppa, Norbert Becker, Samuel Oppong⁵ and Kwasi Obiri-Danso (2013). *Bacillus sphaericus*, an added tool in the control of the *Anopheles*, malaria vector, in the Kumasi metropolis, Ghana. The role of candidate miRNAs in T cell response during acute pulmonary tuberculosis. Oral presentation, 2nd

scientific conference of the West African Health Research Network, Ouagadougou, Burkina Faso, 5th-7th March, 2013.

6. **Sandra Baffour-Awuah**, Ellis Owusu-Dabo, Thomas Kruppa, Augustina Annan, Norbert Becker, Samuel Oppong and Kwesi Obiri-Danso (2013). *Lysinibacillus sphaericus* biolarvicide, an efficacious tool in the control of *Anopheles gambiae* in Kumasi, Ghana. Oral presentation, Trends of Cancer Research and Management. KNUST- College of Health Science scientific conference, Kumasi, Ghana, 14th-15th November, 2013.

COMMUNITY SERVICE

- August 2023-Present Departmental Representative, Faculty of Sciences Board,
Kwame Nkrumah University of Science and Technology (KNUST),
Kumasi-Ghana.
- June 2023 Vote of Thanks, Research Cafe,
Young Researchers Forum, Kwame Nkrumah University of Science and
Technology (KNUST), Kumasi-Ghana.
- May 2023- Present Co-lead for College of Science
Directorate of Students Affairs (DoSA) and Women in Science,
Technology, Engineering and Mathematics (WiSTEM_{Gh}) Housekeeping
Hangout, Kwame Nkrumah University of Science and Technology
(KNUST), Kumasi-Ghana.
- April 2023-Present Member, College of Science Seminar and Conferences Committee,
Kwame Nkrumah University of Science and Technology (KNUST),
Kumasi-Ghana.
- April 2023-Present Member, College of Science Retreat Planning Committee,
Kwame Nkrumah University of Science and Technology (KNUST),
Kumasi-Ghana.
- March 2023 Speaker, International Women's Month Celebration
Office of the SRC Women's Commissioner, Kwame Nkrumah University
of Science and Technology (KNUST), Kumasi-Ghana.
- March 2023 Member, 10th KNUST Summer School Local Sub- Committee,
Kwame Nkrumah University of Science and Technology (KNUST),
Kumasi-Ghana.
- 2022/2023 Speaker, Biological Science Programme Details and Job Prospects
Academic Year Department of Theoretical and Applied Biology, College of Science,
Kwame Nkrumah University of Science and Technology (KNUST),
Kumasi-Ghana.

- 2022-Present Quiz Mistress
Junior Science and Mathematics Quiz Programme (JSMQ), Kwame Nkrumah University of Science and Technology (KNUST).
- October 2022 Larviciding subgroup, Developing Consolidated Vector Control Guidelines, National Malaria Elimination Programme, Ghana Health Service, Aburi-Ghana.
- August 2022-Present Health and Safety Representative, Department of Theoretical and Applied Biology, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana.
- August 2022-Present E-Ambassador, Department of Theoretical and Applied Biology, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana.
- 2021-2022 Secretary of Camp Committee WiSTEM Girl's Camp 2022 Planning Committee, Women in Science, Technology, Engineering and Mathematics (KNUST chapter).
- March 2022 Speaker, Beyond the walls of KNUST Biological Science Students Association (Biossa) Department of Theoretical and Applied Biology, College of Science, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana.
- January 2022 Speaker, Biological Science Programme Details and Job Prospects Department of Theoretical and Applied Biology, College of Science, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana.
- November 2021 Invigilator Pramso Registered Midwifery Invigilation Team, Ministry of Health Diploma Terminal Examination, Ashanti Region-Ghana.
- October 2021 Rapporteur, 4th College of Science Retreat –Rock City Nkwatia Ghana.
- September 2021 Moderator-Workshop on SDGs and Universities: Actions towards KNUST's Mandate @ 70 and beyond', College of Science, 9th Summer School, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana.
- August 2021 Role Model/Resource Person at a visit to Mamfe Methodist Girs Senior High School by Women in Science, Technology, Engineering and Mathematics (WiSTEM), KNUST-Chapter, Kumasi-Ghana.

July 2021	Moderator, Women in Science, Technology, Engineering and Mathematics (WiSTEM) Career Progression Workshop, KNUST-Chapter, Kumasi-Ghana.
June 2021	Coordinator, College of Science Mentors and Mentees, Women in Science, Technology, Engineering and Mathematics (WiSTEM)- Mastercard Foundation Mentoring Program, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana.
May 2021-Present	Secretary, Departmental Accreditation Committee, Theoretical and Applied Biology, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana.
2021-Present	Head of Reviewers Team (Biology) Junior Science and Mathematics Quiz Programme (JSMQ), Kwame Nkrumah University of Science and Technology (KNUST).
October 2020	Plenary Speaker, Women in Science Technology and Mathematics (WiSTEM _{GH}), Takoradi Technical University Capacity Building Workshop, Online
Sept 2019-Jul 2020	Coordinator for Biological Science, Departmental Weekend Programmes, Department of Basic and Applied Biology, Univeristy of Energy and Natural Resources (UENR), Sunyani, Ghana.
December 2019	Independent Assessor-Evaluation of mOPV ₂ Vaccination Campaign Ahafo, Bono and Bono East Regions.

REVIEWS AND EDITORIALS

2023-Present	Reviewer, KNUST Research Fund (KREF)
2021-Present	Reviewer, PLOS Neglected Tropical Diseases
2021-Present	Reviewer, PLOS ONE
2017-Present	Journal of JSM Environmental Science & Ecology
2015--Present	Tropical Medicine & International Health
2014-Present	Reviewer, BMC Infectious Diseases
2017- Present	Reviewer, Parasites & Vectors

REFEREES

Prof Ellis Owusu-Dabo (BSc, MB ChB, MSc, MWACP, FGCP, PhD)

Pro Vice Chancellor KNUST

Kwame Nkrumah University of Science and Technology

Kumasi, Ghana

Tel: +233 20 1964425

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Prof Kwasi Obiri-Danso (BSc, MPhil, PhD)

Department of Theoretical and Applied Biology

Kwame Nkrumah University of Science and Technology

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