**CURRICULUM VITAE**

**LINDA AURELIA OFORI (PhD)**

Department of Theoretical and Applied Biology, KNUST, Kumasi, Ghana

Date of Birth: December 12, 1979

Marital status: Married with Four (4) children

Language(s): English (Proficient), French (Elementary)

Tel: 0244220064; [laandoh.cos@knust.edu.gh /](mailto:laandoh.cos@knust.edu.gh%20/) [aurelia012001@yahoo.com](mailto:aurelia012001@yahoo.com)

**SUMMARY**

A well-presented, articulate and numerate person with well-developed interpersonal and communication skills. I am organized, adaptable to change, honest, hardworking, conscientious with an eye for detail, self-motivated, and enthusiastic. Able to cope in a hectic environment and meet tight deadlines whilst keeping a calm composure. A good team player who can use my initiative when required.

**SKILLS**

* Molecular microbiological techniques - Interactive teaching/learning
* Classroom lectures/Thesis guidance - Distance learning tools
* Scientific writing, reporting and presentation, and Organizational skills
* Food, Water Quality, and Environmental Sample Analysis - mentoring and coaching

**EDUCATION AND TRAINING**

**Ph.D. Molecular Bacteriology and Infection**, December 2017 – University of Copenhagen, Denmark

**Thesis:** Antimicrobial Resistance of Salmonella Associated with Humans and Poultry in Ghana

**MSc. Environmental Science,** September 2006 – KNUST, Kumasi, Ghana

**Thesis:** Helminths Contamination of Lettuce and Associated Risk Factors at Production Sites, in Markets, and Street Food Vendors in Urban and Peri-Urban Kumasi

**BSc. Biological Sciences,** Second Class Upper Division, July 2003 – KNUST, Kumasi, Ghana

**Thesis:** Effect of Sunlight, Temperature, and Varying Water Carrying receptacles on drinking water quality in rural Ghana

**PROFESSIONAL EXPERIENCE**

**August 2022 – Date: Associate Professor,** Department of Theoretical and Applied Biology, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

**August 2016 - 2022: Senior Lecturer,** Department of Theoretical and Applied Biology, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

**August 2007-2016: Lecturer,** Department of Theoretical and Applied Biology, KNUST, Kumasi, Ghana

**Internal Examiner:** Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

**External Examiner:** University of Ghana, Legon, Ghana

**Teaching Experience**

* Basic Microbiology (Biol 251)- Second Year, (Doctor of Vert. Medicine, BSc Biological Sciences): 3 credits
* Introduction to microbiology (AGB 152)- First year, BSc. (Agric. Biotechnology): 3 credits
* Microbial Ecology (Biol 251)- Second Year, Biological Sciences and Environmental Science: 3 credits
* Ocular Microbiology (Biol 284)- Second Year, Doctor of Optometry: 3 credits
* Biology for Mathematics (Biol 181)- First year, BSc. (Mathematics/Statistics): 2 credits
* Environment and Health (ENVS 351)- Third year (BSc. Sonography): 3 credits
* Environment and Health (ENVS 355)- Third Year, BSc. (Environmental Science): 3 credits
* Environmental Physiology (ENVS 454)- Fourth year, BSc. (Environmental Science): 3 credits
* Water and Wastewater Treatment (ENVS 453)- Fourth year, BSc. (Environmental Science): 3 credits
* Environmental Toxicology (Biol 457)-Fourth year, BSc. (Biological Sciences): 3 credits
* Environmental Microbiology (Postgraduate course): 3 credits
* Industrial Microbiology I and II (Postgraduate course): 3 credits

**Student Research Supervision**

I have had the privilege of significantly contributing to successful research execution and completion of student research projects. I have supervised or co-supervised the following number of research projects:

* Ph.D. students: 8 (5 completed)
* MPhil/MSc students: 65
* Undergraduate Honors students: 86 groups (at least 2 in each group)

The broad areas of students’ research include the following:

* Microbiological quality and safety of raw and processed foods, ready-to-eat foods, beverages, and spices.
* Ecology and characterization of microbes involved in spontaneously fermented foods
* Antimicrobial efficacy of plant extracts from indigenous Ghanaian spices against
* foodborne pathogens
* Antimicrobial resistance of bacterial pathogens and their mechanisms of resistance
* Bacteria (*Salmonella, Campylobacter, Mycobacterium, E. coli,* etc.) in humans, poultry, and livestock
* Microbiological risk assessment
* Molecular characterization of antimicrobial resistance

**Curriculum development**

* I developed the Ocular Microbiology course for the Doctor of Optometry. This was to introduce optometry students to microbes causing ocular infections and allow them to use basic and molecular diagnostic tools to identify microorganisms causing ocular infections.
* I was a member of the committee that developed a BSc. /MSc Microbiology and BSc Brewing Science program for the Department of Theoretical and Applied Biology, which is in the stakeholder review process.

**OTHER POSITIONS HELD**

**Academic Potions**

**Examination officer, August 2015- October 2017**

Department of Theoretical and Applied Biology, KNUST, Kumasi, Ghana

**Academic Tutor, 2008 to date**

**Demonstrator/Graduate Assistant, June 2005 – September 2006**

Department of Theoretical and Applied Biology, KNUST, Kumasi, Ghana

**Teaching/Research Assistant, August 2003 – July 2004**

Department of Theoretical and Applied Biology, KNUST

**Non-Academic Positions**

**November 2023 – Date: Chairperson,** Committee of Hall Administrators (CoHA), KNUST

**August 2020 – Date: Hall Warden,** Africa Hall, KNUST

* Responsible for managing/coordinating affairs of the entire physical property, surroundings, and all stakeholders of Africa Hall of Residence on a day-to-day basis. The hall has 781 students and over 30 staff.

**October 2017-2020: Senior Hall Tutor,** Africa Hall, KNUST

-Overseeing student affairs in the hall

**CURRENT RESEARCH INTERESTS**

1. Antimicrobial resistance of microbes isolated from food animals and the environment
2. Microbial load on/in fomites/animals/humans and their potential in transmitting antimicrobial-resistant genes
3. Zoonotic infection
4. Infection control
5. Assessment of water, soil, and food quality
6. Molecular characterization of Antimicrobial resistance

**CURRENT/RECENT PROJECTS/GRANTS**

1. **October 2021** – date Co-Principal Investigator - Fungi as a source of the novel anti-infective agent. **Funding Agency**: KNUST Research Fund (KREF).
2. **October 2021** – date Co-Principal Investigator - Bridging the Gender Gap in Leadership for Women in STEM. **Funding Agency:** KNUST Research Fund (KREF).
3. **January 2018 - 2023** Principal Investigator- Genetic Adaption of Non-Typhoidal Salmonella within humans and animals in Sub-Saharan Africa. **Funding Agency**: DFG Germany
4. **2016 - 2017** Principal Investigator pilot study project on “Biodiversity, Productivity and Water Quality of the Owabi Conservation Area”. **Funding Agency**: Building Stronger Universities II (BSU II) Project.
5. **2010 -2016** Antimicrobial Resistance of Salmonella Associated with Humans and Poultry in Ghana. **Funding agency**: DANIDA/ADMER
6. **2010** Molecular Characterization of Antimicrobial resistance genes from Ghanaian currency notes

**RECENT PUBLICATIONS**

1. Abigail Abena Anokyewaa Appau, **Linda Aurelia Ofori**, (**2024**). Antibiotic Resistance Profile of E. coli Isolates from Lettuce, Poultry Manure, Irrigation Water, and Soil in Kumasi, Ghana. International Journal of Microbiology, vol. 2024, Article ID 6681311, 10 pages, 2024. <https://doi.org/10.1155/2024/668131>
2. Paintsil, E.K., Boadi, E., Dwamena, A.  Addo BH, Kumi A, Obiri-Danso K & **Ofori LA** **(2024)** Demographic and socio-economic factors affecting bed net ownership, usage, and malaria transmission among adult patients seeking healthcare in two Ghanaian urban cities. *BMC Public Health* **24**, 106 (2024). <https://doi.org/10.1186/s12889-023-17590-8>
3. Paintsil EK, **Ofori LA,** Akenten CW, Zautner AE, Mbwana J, Khan NA, Lusingu JPA, Kaseka J, Minja DTR, Gesase S, Jaeger A, Lamshöft M, May J, Obiri-Danso K, Krumkamp R, Dekker D. **(2023)** Antibiotic-Resistant Arcobacter spp. in commercial and smallholder farm animals in Asante Akim North Municipality, Ghana and Korogwe Town Council, Tanzania: a cross-sectional study. *Gut Pathog*. 2023 Dec 2;15(1):63.

<https://doi.org/10.1186/s13099-023-00588-3> PMID: 38042805

1. **Ofori LA**., Fosu, D., Ofori, S. *et al.* (**2023**) *Salmonella enterica* in farm environments in the Ashanti Region of Ghana. *BMC Microbiol* **23**, 370. <https://doi.org/10.1186/s12866-023-03121-3>
2. Awuah F, Addo MG, **Ofori LA**. (**2023**) Antimicrobial Resistance of Diarrheagenic *E. coli* in the Ashanti Region of Ghana. *Applied Microbiology: Theory ＆ Technology* [Internet]. 2023 Jul. 25 [cited 2023 Nov. 22];4(2):101-12. Available from: <https://ojs.wiserpub.com/index.php/AMTT/article/view/3033>
3. Akenten CW, Khan NA, Mbwana J, Krumkamp R, Fosu D, Paintsil EK, Boahen KG, Osei-Mensa J, Maiga-Ascofare O, May J, Obiri-Danso K, Phillips RO, **Ofori LA**, Dekker D. (**2023**). Carriage of ESBL-producing *Klebsiella pneumoniae* and *Escherichia coli* among children in rural Ghana: a cross-sectional study. *Antimicrob Resist Infect Control* **12**, 60 (2023). <https://doi.org/10.1186/s13756-023-01263-7>
4. Akenten CW, **Ofori LA**, Khan NA, Mbwana J, Sarpong N, May J, Thye T, Obiri-Danso K, Paintsil EK, Fosu D, Philipps RO, Eibach D, Krumkamp R, Dekker D. Prevalence, Characterization, and Antimicrobial Resistance of Extended-Spectrum Beta-Lactamase-Producing *Escherichia coli* from Domestic Free-Range Poultry in Agogo, Ghana. Foodborne Pathog Dis. **2023** Feb;20(2):59-66. doi: 10.1089/fpd.2022.0060
5. Paintsil EK, **Ofori LA**, Akenten CW, Zautner AE, Mbwana J, Jaeger A, Lamshöft M, May J, Obiri-Danso K, Philipps RO, Krumkamp R and  
   Dekker D (**2022**) Antibiotic-resistant Campylobacter coli and Campylobacter jejuni in commercial and smallholder farm animals in the Asante Akim North Municipality of Ghana. Front. Microbiol. 13:983047. <https://doi.org/10.3389/fmicb.2022.983047>
6. Abdul-Aziz Adam, Lyndon N.A. Sackey, **Linda Aurelia Ofori** (**2022**). Risk assessment of heavy metals concentration in cereals and legumes sold in the Tamale Aboabo market, Ghana Heliyon, vol.8 (8) e10162 <https://doi.org/10.1016/j.heliyon.2022.e10162>

1. Vivian Afriyie, Lyndon N. A. Sackey, **Linda Aurelia Ofori** (**2022**) "Determination of Heavy Metal Pollution in the Dankran River in the Bekwai Municipality of Ghana", Journal of Chemistry, vol. 2022, Article ID 7651573, 9 pages. <https://doi.org/10.1155/2022/7651573>
2. Osei Duah Junior I, Tchiakpe MP, Borquaye LS, Amoah K, Amankwah FKD, Kumah DB, **Ofori LA**, Danso-Appiah A, Prempeh BO, Gbedema SY, Munyaneza J, Danquah CA, Akuffo KO (**2022**). Clinical characteristics of external bacterial ocular and periocular infections and their antimicrobial treatment patterns among a Ghanaian ophthalmic population. *Sci Rep*. Jun 17;12(1):102
3. Ellis Kobina Paintsil; **Linda Aurelia Ofori**; Sarah Adobea; Charity Wiafe Akenten; Richard Odame Phillips; Oumou Maiga-Ascofare; Maike Lamshöft; Jürgen May; Kwasi Obiri Danso; Ralf Krumkamp; Denise Dekker (**2022**). "Prevalence and Antibiotic Resistance in *Campylobacter* spp. Isolated from Humans and Food-Producing Animals in West Africa: A Systematic Review and Meta-Analysis." Pathogens 11, no. 2: 140. <https://doi.org/10.3390/pathogens11020140>
4. Abilla, R., Adelani, A. L., Boahen, K. G., & **Ofori, L. A**. (**2021**). Prevalence and antimicrobial susceptibility profiles of *Salmonella* species in poultry farm environments in Ghana. *Microbiology Research Journal International*, *31*(10), 14-23. <https://doi.org/10.9734/mrji/2021/v31i1030347>
5. Azumah Ayamah, Augustina Angelina Sylverken, **Linda Aurelia Ofori** (**2021**). Microbial Load and Antibiotic Resistance of *Escherichia coli* and *Staphylococcus aureus* Isolated from Ready-to-Eat (RTE) Khebab Sold on a University Campus and Its Environs in Ghana. *Journal of Food Quality*. <https://doi.org/10.1155/2021/8622903>
6. Ahiatrogah, D. K., Annan, J. J**., Ofori, L. A.,** Awudzi, B., Owusu-Ofori, A., Owusu, M. & Sylverken, A. A. (**2021)**. Microbiological profile of asymptomatic bacteriuria in pregnant women in Volta Region, Ghana. *Journal of Microbiology and Antimicrobials*, 13(2), 27-36. <https://doi.org/10.5897/JMA2021.0448>
7. Ayamah, A., Sylverken, A. A. & **Andoh, L. A**. (**2021**). Assessment of microbiological quality of khebab sold on the campus of tertiary education and its environs in Ghana. *Journal of Microbiology and Antimicrobials*, 13(2), 20-26. <http://dx.doi.org/10.5897/JMA2021.0444>
8. Samuel Kobina Ekuban Acquah, Prince Asare, Stephen Osei-Wusu, Portia Morgan, Theophilus Afum, Diana Asema Asandem, Emelia Konadu Danso, Isaac Darko Otchere, **Linda Aurelia Ofori**, Kwasi Obiri-Danso, Richard Kock, Adwoa Asante-Poku, Dorothy Yeboah-Manu (**2021**). Molecular epidemiology and drug susceptibility profiles of Mycobacterium tuberculosis complex isolates from Northern Ghana. *International Journal of Infectious Diseases*, Doi: <https://doi.org/10.1016/j.ijid.2021.07.020>
9. Paintsil, E.K.; **Ofori, L.A.;** Akenten, C.W.; Fosu, D.; Ofori, S.; Lamshöft, M.; May, J.; Danso, K.O.; Krumkamp, R.; Dekker, D. (**2021**). Antimicrobial Usage in Commercial and Domestic Poultry Farming in Two Communities in the Ashanti Region of Ghana. Antibiotics10, 800. <https://doi.org/10.3390/antibiotics10070800>
10. Rita Ohene Larbi, **Linda Aurelia Ofori**, Augustina Angelina Sylverken, Matilda Ayim-Akonor, Kwasi Obiri-Danso (**2021)**"Antimicrobial Resistance of Escherichia coli from Broilers, Pigs, and Cattle in the Greater Kumasi Metropolis, Ghana", International *Journal of Microbiology*, vol. 2021, ArticleID 5158185, 7 pages, <https://doi.org/10.1155/2021/5158185>
11. Motey GA, Owusu-Kwarteng J, Obiri-Danso K, **Ofori LA**, Ellis WO, Jespersen L. **(2021)** In vitro properties of potential probiotic lactic acid bacteria originating from Ghanaian indigenous fermented milk products. *World J Microbiol Biotechnol*. 2021 Feb 17;37(3):52. doi: 10.1007/s11274-021-03013-6. PMID: 33594545.
12. Paintsil, E. K., Akenten, C. W., & **Ofori, L. A**. (**2020**). The Relationship between Haemoglobin Levels and Platelet Counts of Malaria Infected and Non-Infected Children in Offinso, Ghana. *Asian Journal of Biochemistry, Genetics, and Molecular Biology*, *6*(3), 29-37. https://doi.org/10.9734/ajbgmb/2020/v6i330154
13. Motey GA, Johansen PG, Owusu-Kwarteng J, **Ofori LA**, Obiri-Danso K, et al. (**2020**). Probiotic potential of *Saccharomyces cerevisiae* and *Kluyveromyces marxianus* isolated from West African spontaneously fermented cereal and milk products. Yeast. 1–10. <https://doi.org/10.1002/yea.351310>
14. Sylverken A, El-Duah P, Owusu M, Yeboah R, Kwarteng A, **Ofori L.A**, Gorman R, Obiri- Danso K, Owusu-Dabo E **(2019).** Burden of respiratory viral infections among inmates of a Ghanaian prison. *Research Square*. https://doi.org/10.21203/rs.2.14139/v1
15. Kudirkiene, E., **Andoh, L. A.,** Ahmed, S., Herrero-Fresno, A., Dalsgaard, A., Obiri-Danso, K., & Olsen, J. E. (**2018**). The use of a combined bioinformatics approach to locate antibiotic resistance genes on plasmids from whole genome sequences of Salmonella enterica serovars from humans in Ghana. *Frontiers in microbiology*, 9: 1010
16. Ayim-Akonor Matilda, **Andoh Aurelia Linda**, Arthur Cornelius, Kortei Nii Korley, Toah Akonor Paa (**2018**) Activity of Mycoplasma synoviae in Commercial Chickens in Ghana: Serological Evidence. *Advances in life sciences and Technology*, Vol 62
17. Agnes Oppong, David Azanu & **Linda Aurelia Ofori** (**2018**) Assessment of sugarcane grown in wetlands polluted with wastewater, *Cogent Environmental Science*, 4: 1455277.
18. **Andoh LA**, Ahmed S., Obiri-Danso K, Newman MJ, Opintan JA, Barco L, Olsen JE, Dalsgaard A (**2017**) Prevalence and characterization of Salmonella among humans in Ghana. *Tropical Medicine and Health*, 45(3), pp. 3288–3299. Doi: 10.1186/s41182-017-0043-z
19. **L. A. Andoh**, A. Dalsgaard, K. Obiri-Danso, M. J. Newman, L. Barco, J. E. Olsen (**2016**) Prevalence and antimicrobial resistance of Salmonella serovars isolated from poultry in Ghana. *Journal of Epidemiology and Infection, available on CJO2016.* *DOI 10.1017/S0950268816001126*
20. C.K. Firempong, **L.A. Andoh**, W.G. Akanwariwiak, P. Addo-Fordjour & P. Adjakofi (**2016**). Phytochemical screening and antifungal activities of crude ethanol extracts of Red-flowered silk cotton tree (*Bombax buonopozense*) and Calabash nutmeg (*Monodora myristica*) on Candida albicans. *Journal of Microbiology and Antimicrobials,* 11(4): 22-27
21. M.G. Addo, C.A. Woods, **L.A. Andoh** and K. Obiri-Danso (**2016**) Effect of Varying Storage Temperatures on the Microbiological Quality of Street Sold Water in the Kumasi Metropolis, Ghana. Research Journal of Microbiology, 11: 56-63
22. M.G. Addo, A. Kusi, **L.A. Andoh** and K. Obiri-Danso (**2016**) Citric Acid Production by Aspergillus Niger on a Corn Cob Solid Substrate using One-factor-at-a-time Optimisation Method. International Advanced Research Journal in Science, Engineering and Technology, 3 (1) 95-99.
23. M.G. Addo, **L.A. Andoh** and K. Obiri-Danso (**2016**) Profile of resident microbes causing spoilage in “olewonyo”, a locally produced non-alcoholic beverage in Kumasi, Ghana. International Advanced Research Journal in Science, Engineering and Technology, 3 (1) 89-94
24. Amponsah-Doku, F., Obiri-Danso, K., Abaidoo, R.C., **Andoh, L.A**., Drechsel, P., and Kondrasen, F. (**2010**) Bacterial contamination of lettuce and associated risk factors at production sites, markets, and street food restaurants in urban and peri-urban Kumasi, Ghana. Scientific Research and Essays, 5 (2), 217-223
25. **L. A. Andoh**, R. C. Abaidoo, K. Obiri-Danso, P. Drechsel, F. Kondrasen and L. T. Klank (**2009**) Helminth Contamination of Lettuce and Associated Risk Factors at Production Sites, Markets and Street Food Vendor Points in Urban and Peri-Urban Kumasi, Ghana. Research Journal of Microbiology, 4(1): 13-22, 2009
26. K. Obiri-Danso, E. Amevor, **L.A. Andoh** and K. Jones (**2004**) Effect of sunlight and carrying receptacles on drinking water quality. Journal of Science and Technology (KNUST), volume 24 no. 2, 2004. http://ajol.info/index.php/just/issue/view/4616

**Some Published Conference/workshop/seminar Proceedings**

1. Abigail Abena Anokyewaa Appau & **Linda Aurelia Ofori** (**2022).** Antibiotic Resistance profile of *E. coli* isolates from lettuce, poultry manure, irrigation water, and soil in Kumasi, Ghana. 11th GSA research seminar and poster presentation, KNUST, Kumasi. Book of Abstracts P- 01 pp 23
2. Ahiatrogah, D. K., Annan, J. J., **Ofori, L. A.,** Awudzi, B., Owusu-Ofori, A., Owusu, M. & Sylverken, A. A. (**2022**). Microbiological profile of asymptomatic bacteriuria in pregnant women in Volta Region, Ghana. 11th GSA research seminar and poster presentation, KNUST, Kumasi. Book of Abstracts P-04 pp 31
3. Dennis Fosu, **Linda Ofori** & Dennis Dekker (**2022**) Salmonella Carriage and Antimicrobial Resistance in commercial poultry and household farms in two districts in Ashanti region, Ghana. 11th GSA research seminar and poster presentation, KNUST, Kumasi. Book of Abstracts P- 99 pp 126
4. **Andoh LA**, Ahmed S., Obiri-Danso K, Newman MJ, Opintan JA, Barco L, Olsen JE, Dalsgaard A (**2017**) Prevalence and characterization of Salmonella among humans in Ghana. BSU II Conference, Golden Bean Hotel, Kumasi, March 2017
5. Ofosu-Amoako G, **Ofori L. A.** & Obiri-Danso K (**2017**) Prevalence of Nasal carriage *Staphylococcus aureus* amongst inpatients at the KNUST hospital. BSU II Conference, Golden Bean Hotel, Kumasi, Ghana. March 2017
6. Obiri-Danso K., **Ofori A. L.,** Ofosu- Amoako G. (**2017**). Antimicrobial sensitivity of fecal enterococci sp. recovered from livestock and poultry in Kumasi and its surroundings, Ashanti Region, Ghana. BSU II Conference, Golden Bean Hotel, Kumasi, Ghana. March 2017
7. **L. A. Andoh**, A. Dalsgaard, K. Obiri-Danso, M. J. Newman, L. Barco, J. E. Olsen F (**2017**). Prevalence and Antimicrobial resistance of *Salmonella* serovars from poultry in Ghana. BSU II Conference, Golden Bean Hotel, Kumasi, March 2017
8. R. Ankomah, **LA Ofori**, GH Sam, and FC Mills-Robertson (2016) Susceptibility of Mycobacterium tuberculosis H37Rv and Mycobacterium bovis to extracts from selected medicinal plants. Abstract/P-26, Ghana Science Association 5th One-day research seminar and poster presentations on science and technology: a key to our national development, Kumasi, Ghana, April.
9. R. Ankomah, **LA Ofori**, GH Sam, and FC Mills-Robertson (2016). Formulations from Selected Medicinal Plants in the Management of Mycobacterium tuberculosis and Mycobacterium bovis strains. Abstract/P-27, Ghana Science Association 5th One-day research seminar and poster presentations on science and technology: the key to our national development, Kumasi, Ghana, April.
10. **Linda A. Andoh**, Anders Dalsgaard, Kwasi Obiri-Danso, Mercy J. Newman, Japheth A. Opintan, Lisa Barco, John E. Olsen (2015) Antimicrobial resistance of Salmonella associated with humans and poultry in Ghana. Abstract 005, African conference on Antibiotic use and resistance, Accra, Ghana pp25-26.
11. **Linda A. Andoh**, Anders Dalsgaard, Kwasi Obiri-Danso, Mercy J. Newman, Lisa Barco, John E. Olsen (2015), Prevalence and antimicrobial resistance of Salmonella serovars isolated from poultry in Ghana. Poster College of Science Seminar.
12. **L. A. Andoh**, S. Adinkra, E. Agbenowu, I. Owusu-Agyeman and B. Keraita, (2009) Assessment of microbial quality of groundwater and sanitation in some selected communities in Kumasi. Abstract 142, Ghana Science Association 26th biennial conference on Accelerating Ghana’s Development Agenda: effective collaboration between industry and the scientist, Cape Coast, Ghana, August.
13. E. Amevor, K. Obiri-Danso, **L.A Andoh** and K. Jones (2004) Effect of sunlight and carrying receptacles on drinking water quality. Abstract/Poster 59, Society of General Microbiology Conference on Dairy and Food Microbiology – Challenges and Opportunities, Cork, Ireland, July.

**Book chapter**

Chioma Blaise Chikere

1\*

, Memory Tekere

2

, Beatrice Olutoyin Opeolu

3

, Gertie Arts

4

, Linda

Aurelia Ofori

5

, Ngozi Nma Odu

Chikere C.B., Tekere M., Opeolu B.O., Arts G., **Ofori L.A**., Odu N.N. **(2022**) Research Collaborations for Enhanced Performance and Visibility of Women Scientists. In: Nwaichi E.O. (eds) Science by Women. Women in Engineering and Science. Springer, Cham. https://doi.org/10.1007/978-3-030-83032-8\_4

**SELECTED CONFERENCES/SEMINARS AND WORKSHOPS ATTENDED**

1. Leadership Training Workshop with the Foundation for Future leaders in partnership with Newmont Gold Ghana Ltd., Accra. August 2005
2. IFS/CREPA Workshop on Sustainable Sanitation and Development of Scientific Projects, Ouagadougou, Burkina Faso. October 2005
3. Biometry and Statistical Analysis, KNUST-Kumasi. January 2006
4. “Joint Spring Symposium 2006” Advances in Diagnostic Parasitology- Danish Society for Parasitology and Danish Society for Tropical medicine and International Health, Denmark. March 2006
5. IFS/CREPA/IWMI International Training and Thematic Workshop on Sustainable Sanitation and Development of Scientific Projects, Accra, Ghana. October 2006
6. IFS/CREPA/KNUST Workshop on Development of Scientific Projects, Kumasi, Ghana. October 2008
7. IFS workshop on Developing scientific proposals for funding, Addis Ababa, Ethiopia. November 2008
8. CGIAR Challenge Program 2nd International Forum on Water and Food, Addis Ababa-Ethiopia, November 10-14, 2008
9. IFS/UNU-INRA workshop on Research and Management Skills for Women in Agricultural and Natural Sciences, Kenya, December 2008
10. 26th Biennial Conference of the Ghana Science Association, Cape Coast, Ghana. August 4-9, 2009
11. Workshop on “integrating into the Vision of KNUST”. KNUST-Kumasi. October 18-19, 2010
12. Training workshop for female senior members on mentorship, KNUST-Kumasi. March 2011
13. 27th Biennial Conference of the Ghana Science Association, KNUST-Kumasi, Ghana. July 31-August 5, 2011
14. Ghana Science Association One-day research seminar and poster presentations, KNUST-Kumasi, Ghana. April 4, 2012
15. 3rd Ghana Science Association One Day Research Seminar: Oral and Poster Presentations, KNUST-Kumasi. April, 2014
16. KNUST Summer School Workshop for Senior Members. Theme: Advancing Science and Technology through Effective Communication. Organised by QAPU, KNUST- Kumasi, Ghana. August 2014
17. African Conference on Antibiotic use and resistance, GIMPA-Accra, Ghana. March 18-20, 2015.
18. KNUST Summer School Workshop for Senior Members. Theme: Advancing Science and Technology through Effective Communication. Organised by QAPU, KNUST- Kumasi, Ghana. August 2015
19. 4th Ghana Science Association One Day Research Seminar and Poster Presentations, KNUST-Kumasi. April, 2015
20. WASCAL Climate Change and Land Use: Stakeholder Consultation Workshop on Climate Change. January, 2016
21. 1st National conference on outreach. University outreach: impacting the community for sustainable development, KNUST-Kumasi. March, 2016
22. 5th Ghana Science Association One Day Research Seminar and Poster Presentations, BRRI-Kumasi. April 13, 2016
23. 6th Ghana Science Association One Day Research Seminar and Poster Presentations, KNUST-Kumasi. 2017
24. 16th GSA Biennial Workshop: combating pests through climate smart agriculture. August, 2018
25. 8th Ghana Science Association One Day Research Seminar and Poster Presentations, KNUST-Kumasi. 2018
26. AREF Personal development workshop, November, 2018
27. AREF workshop: Strengthening communication skills, July 2019
28. 9th Ghana Science Association One Day Research Seminar and Poster Presentations, KNUST-Kumasi. 2019
29. GSA Webinar 2020: Using Science, Technology and Innovation in the current Pandemic and Beyond. July 2020
30. OSWD Webinar Series: sustaining research during the pandemic, August, 2020
31. OSWD Webinar series, Conducting Excellent and innovative Research Despite the Pandemic, October 2020
32. 10th Ghana Science Association Research Seminar and Poster Presentations. Theme: “COVID-19 Pandemic: Scientific Updates and The Way Forward” at KNUST-Kumasi. 27-28th April, 2021
33. 11th Ghana Science Association Research Seminar and Poster Presentations. Theme: “The Role of Basic Sciences for Sustainable Development”. 7-8th June, 2022 at KNUST-Kumasi
34. Leadership workshop for mid-career females in academia, organized by the ExCeLKNUST at the IDL Conference Center, KNUST 21st – 23rd September 2021
35. Project team member - Leadership workshop for early career females in academia organized by the ExCel KNUST at the Impact Building, KNUST 16th -18th June 2022

**ACHIEVEMENTS, ACTIVITIES AND PROFESSIONAL MEMBERSHIP**

Fellow United States Department of Agriculture Faculty Exchange Fellowship

Fellow of the prestigious Ghana Young Academy, 2020

Fellow of Danish International Development Agency (DANIDA), 2010

Member, Strategic Plan Implementation Oversight Committee, KNUST

Founding Member of Women in Science, Technology, Engineering, and Mathematics (WiSTEMgh)

Member of the Society for Applied Microbiology

Member of Ghana Science Association

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