

**John Kojo, AHIAKPA**

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**Professional Experiences**

<p><b>Positions held within the last ten (10) years</b></p>	<p>Interdisciplinary research roles handled in the last ten (10) years include:</p> <ol style="list-style-type: none"> <li>1. <b>Lead training consultant</b>, Research Desk Consulting Ltd., P. O. Box WY 2918, Kwabenya-Accra, Ghana from February, 2014-present</li> <li>2. <b>Data analysis and policy consultant</b>, Grameen Foundation, USA (GFUSA); for the “<i>Achieving Impact at Scale (AIS) project</i>” in Ghana, August - November, 2017.</li> <li>3. <b>Senior associate consultant</b>, Escape Poverty (EP) – Africa in Ghana from July 2017 till date.</li> <li>4. <b>Professional service provider/contract faculty</b>, USAID-RTI International/Rutgers University/Excellence in Higher Education for Liberian Development (EHELD) Project, College of Agriculture &amp; Sustainable Development (CASD), Cuttington University, Liberia from August 2015- March, 2017.</li> <li>5. <b>Data analyst</b>, International Institute of Tropical Agriculture (IITA)-N2Africa Project, P. O. Box TL 6, Tamale, Ghana from November, 2014-July, 2015.</li> <li>6. <b>Graduate teaching &amp; research assistant (voluntary service)</b>, Department of Nuclear Agriculture and Radiation Processing, Graduate School of Nuclear and Allied Sciences, University of Ghana, from June 2012-October 2014.</li> <li>7. <b>Lecturer</b>, Benchmark Pre-University College and Professional Training Centre from August 2012-September 2013.</li> <li>8. <b>Project coordinator</b>, Science and Technology Advocacy Renaissance Foundation for Africa (STARFA) from March, 2011-June, 2013.</li> <li>9. <b>Trainee research scientist</b>, Biotechnology &amp; Nuclear Agricultural Research Institute, Ghana Atomic Energy Commission, GAEC from August 2010-2012.</li> <li>10. <b>District extension assistant (national service)</b>, Ministry of Food &amp; Agriculture, MoFA, Ghana, from September 2009-August 2010.</li> <li>11. <b>District taskforce member (internship)</b>, Forestry Commission, Juaboso District, Ghana from June 2007-August 2008.</li> </ol>
<p><b>Summary of interdisciplinary research for development works undertaken in the last ten years</b></p>	<ol style="list-style-type: none"> <li>1. As a <b>professional service provider/contract faculty</b> with the USAID-RTI International/Rutgers University/Excellence in Higher Education for Liberian Development (EHELD) Project at the College of Agriculture &amp; Sustainable Development (CASD), Cuttington University in Liberia, I sourced and wrote grant proposals, taught four classes for two semesters (Plant Genetics &amp; Breeding, Research Methods &amp; Proposal Development, Project Development &amp; Implementation, Senior Thesis Presentations); mentored and supervised students to conduct undergraduate research in collaboration with a CU faculty; guided undergraduate student clubs to provide further learning experiences to CU students and staff; led the establishment of students’ Newsletter club for CASD, organised and facilitated training workshops in career guidance and counselling for graduating seniors, offered technical advice in CASD experimental farm, students’-led enterprise projects and outreach programmes; led curriculum development activities and</li> </ol>

<p><b>Summary of interdisciplinary research for development works undertaken in the last ten years</b></p>	<p>extension such as community development and outreach as well as any other services provided to the university or community; provided leadership in the expansion and development of the CASD resource room; participated in CASD faculty meetings and development of connections to other colleges within CU to develop cross-college collaboration and synergies; provided leadership and participated in student and other agricultural working groups in support of the EHELD project; facilitated training workshops in Project Management, Agronomy and laboratory exercises in Plant and Soil Sciences; led the establishment of plant and soil science laboratory, aquaponics and greenhouse facilities, graduate programmes in agriculture and natural resource management, seed nursery and multiplication field for local farmers in Liberia.</p> <ol style="list-style-type: none"> <li>2. Working as a <b>data analyst</b> with the International Institute of Tropical Agriculture in Ghana on the Bill and Melinda Gates funded project '<i>Putting Nitrogen Fixation to work for Smallholder farmers in Africa (N2Africa)</i>', I worked with interdisciplinary research teams to offer trainings and supports to field teams &amp; dissemination partners in establishment of agronomic research trials; developed instruments for collection of quality data from agronomic trials, demonstration plots and socio-economic studies using the Open Data Kit (ODK) platform; trained and supervised entry of monitoring and evaluation (M &amp; E) data using the 'awhere M &amp; E platform'; trained and supervised entry of data, analyses and synthesis of outputs of research and drew correct and logical conclusions; developed storage platform for all project research data and shared with the Senior project data analyst; wrote summary reports from data outputs and contributed to writing of technical reports and manuscripts; informed IITA and other project partners about the progress achieved and ensured timely outputs and feedbacks; facilitated annual stakeholder sessions and agronomic workshop trainings for project implementation partners, facilitated and trained extension agents and FBOs on inputs (inoculants, fertilisers, pesticides etc) handling and application, seed production, designed distribution tracking form, managed the sale of inoculants and deputised for the Country Coordinator on number of project stakeholder sessions.</li> <li>3. Worked as <b>graduate teaching and research assistant</b> with the University of Ghana, I assisted in designing and executing research programmes with graduate students, designed data collection instruments, and assisted in statistical analyses, prepared manuscripts for publication, mined data online and analysed them for decision-making, assisted in revising graduate programmes (M.Phil. &amp; PhD) for the Department of Nuclear Agriculture and Radiation Processing, Graduate School of Nuclear and Allied Sciences.</li> <li>4. Engaged as a <b>training consultant</b> for the Liberian Youth in Action for Sustainable Development (YASD) and Health, Agriculture and Environmental Sustainability (HAES-Liberia), and facilitated a number of Training workshops in Teambuilding and leadership, writing business concept papers and business plans, sourcing and writing grant proposals for funding community projects, operationalisation of pillars of the USAID-WASH initiative and designing programmes for attaining the UN-SDGs in Liberia, good agronomic practices and management of farm as a business.</li> </ol>
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<p><b>Summary of interdisciplinary research for development works undertaken in the last ten years</b></p>	<ol style="list-style-type: none"> <li>5. Rendered <b>short-term consultancies</b> to a number of institutions including the Golden Sunbeam International College of Science &amp; Technology (Ghana), Benchmark Pre-University College and Professional Training Centre (Ghana), Bong Agricultural Training Centre (B-ATC, Liberia), Access Training Institute (ATI, Liberia), Fesima Agro Consultancy (Austria), Institute of Local Government Studies, (ILGS, Ghana), Environmental Protection Agency, (EPA, Ghana), Institute for Applied Material Flow Management, Birkenfeld and University of Applied Sciences, Trier (Germany), Cuttington University Graduate School (Liberia) and the Episcopal Relief and Development Agency (Liberia) and Grameen Foundation, USA (GFUSA). Services provided include designing and execution of Diploma and graduate programmes, administrative guide, students records management, students enrolment &amp; admission requirement; exchange programmes and international partnerships for possible collaboration, field and laboratory training in plant and soil sciences, grant sourcing and proposal writing, waste management, good agronomic practices and farm management, baseline survey for climate resilience and adaptation, research writing, data analysis and publications; worked as data analysis consultant for Grameen Foundation USA where I extracted, cleaned and statistically analysed data collected from project sites in Ghana, wrote detailed technical report based on outputs of the analyses and developed policy briefs.</li> <li>6. Worked as <b>principal research assistant</b> on indigenous okra, tomato, roselle and sweet potato improvement research project at the Biotechnology and Nuclear Agriculture Research Institute (BNARI-GAEC) where I assisted in research designs, conducted field &amp; laboratory experiments; characterised and assessed plant genetic diversity via molecular (ISSR) and morphological traits, protein profiling via SDS-PAGE; elemental composition assessment (INAA); Total flavonoids, phenolics and antioxidant scavenging activity in okra; mucilage assessment in okra and breeding for improved yield, increased pest and disease resistance; breeding for specific end-use and export market; screened and detected plant virus via ELISA/PCR in potato &amp; tomato. Five journal articles have already been published and a sixth is under review.</li> <li>7. Worked as <b>project coordinator</b> for the Science and Technology Advocacy Renaissance Foundation for Africa (STARFA) where I coordinated all projects and programmes of STARFA; served as the mouthpiece and relationship officer for the organisation; liaised with research institutes to engage them on possible commercialisation of research findings; represented STARFA at fora on soliciting for funding for research proposals.</li> <li>8. Brokered a North-South research collaboration between the Central Agriculture Research Institute (CARI, Liberia) and the Ain Shams University (Egypt) on indigenous rice improvement research project. Led the research team to undertake a study on “<b><i>Agronomic performance of four upland rice genotypes under rainfed condition</i></b>” at the College of Agriculture and Sustainable Development, Cuttington University (CASD-CU) and CARI. Currently screening for iron toxicity and genetic variability in 251 landraces of rice in Liberia. A research is being published from this study.</li> <li>9. Organised and facilitated a training workshop for graduating senior students of the College</li> </ol>
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<p><b>Summary of interdisciplinary research for development works undertaken in the last ten years</b></p>	<p>of Agriculture and Sustainable Development, Cuttington University (CASD-CU) on career guidance and counselling (CV and cover letter writing, job search and application, interviewing skills and professional ethics in the job market).</p> <p><b>10.</b> Supervised undergraduate and graduate students from the Cuttington University and the University of Ghana. Organised training workshops in research writing for senior students, guided them in data collection, analysis and thesis write-ups.</p> <p><b>11.</b> Worked as a <b>research assistant</b> on the Department of Crop Science, University of Ghana funded research: <i>“Productivity of three Pigeonpea Genotypes as Influenced by Fertilisation and their Subsequent Residual Effects on a Succeeding Maize Crop”</i>. An output from this study has been submitted pending publication.</p> <p><b>12.</b> Worked as <b>district extension assistant</b> at the Ministry of Food and Agriculture, Ahafo-Ano South District, Mankranso, Ashanti Region (Ghana), I educated farmers on improved Agricultural technologies for adoption; vaccinated livestock in affected communities against rabbies outbreak; supervised the cocoa disease and pest control programme (CODAPEC).</p>
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#### **Other Voluntary Services (Selected)**

- ❖ **Standing committee member**, Communications Committee, Crop Science Society of America (CSSA), September 2016-present.
- ❖ **Volunteer rapporteur**, Ghana Multi-Level Integrated Adaptation Governance Workshop; CCAFS-CGIAR/CSIR & Oxford University, GIMPA Executive Conference Centre, Accra, Ghana, April 2014, 14-16., Accra-Ghana.
- ❖ **Publicity secretary**, Graduates’ Christian Fellowship (GCF)-University of Ghana, Atomic Campus, May 2011-April 2012.
- ❖ **Field coordinator**, Community sensitisation and education on Child Labour organised by Service for Peace & Euro-African Peace & Development Initiative, Peace Corps, Ghana (2009).
- ❖ **Participant**, Rural Development and Education Project (RUDEP), International Movement of Catholic Students, (IMCS-Pax Romana), KNUST Local, Afram Plains (2008).
- ❖ **Deputy students’ coordinator**, Youth Empowerment Programme, International Movement of Catholic Students, (KNUST Local), April 2008-April 2009.

#### **Consultancies Rendered (Selected)**

- ✓ Training Consultant for the Eastern Gomoa Export Vegetable Farmers’ Association, Ghana, August 2017-January, 2018.
- ✓ Consultant for Youth in Action for Sustainable Development (YASD), Liberia from September, 2015-November, 2016.
- ✓ Training Consultant for Health, Agriculture and Environmental Sustainability (HAES)-Liberia from December, 2015-February, 2017.
- ✓ Facilitated a 5-day Training Workshop in Oil Palm Plantation Establishment & Maintenance for the Episcopal Relief and Development Agency of Liberia, College of

Agriculture & Sustainable Development, Cuttington University, Feb 6-10, 2017.

- ✓ Facilitated a Training Workshop for the College of Agriculture & Sustainable Development, Cuttington University in Research Writing and Data Analyses, Sponsored by USAID/RTI International EHELD Project, 14-15 December, 2016.
- ✓ Consultant to the Graduate Programs Committee, College of Agriculture and Sustainable Development, Cuttington University, Suakoko, Liberia, March, 2015-December, 2016.
- ✓ Consultant for the project ‘Heavy Metal Concentration and Quality of Wastewater used for Irrigation: A case study of selected communities in Accra’, *Institute of Distance Learning*, KNUST, 2015.
- ✓ Consultant for the project ‘The Challenges and Prospects of Implementing Child Labour Policies in Cocoa Growing Communities in Ghana; Case Study of Juaboso District.’, *Institute of Distance Learning*, KNUST, 2015.
- ✓ Consultant for the project ‘Design and standardisation of Market Research Instrument for the N2Africa Project-Ghana’, International Institute of Tropical Agriculture, 3 Northern Regions, Ghana, August, 2015.
- ✓ Consultant for the project ‘A Study of Financial Risk Management of Microfinance Institutions (MFI’s) in the La-Nkwantanang Municipal Area’, University of Ghana Business School, 2015.
- ✓ Consultant for the project ‘Genetic Diversity Studies of Accessions of Hot Pepper (*Capsicum* spp L.) in Ghana’. Department of Nuclear Agriculture & Radiation Processing, Graduate School of Nuclear and Allied Sciences, Ghana, 2015.
- ✓ Consultant for designing and execution of Diploma programmes, administrative guide, students records management, students enrolment & admission requirement; exchange programmes and international partnerships for collaboration., Golden Sunbeam International College of Science & Technology, August-October, 2014.
- ✓ Consultant for the project ‘Baseline study of Climate Change and Food Security in the Hohoe Municipality’, Institute of Local Government Studies, (ILGS) and Environmental Protection Agency, (EPA), March-June, 2014.
- ✓ Consultant for the project ‘Sustainable Municipal Solid Waste Management in Ga-East Municipal Assembly’, Ghana, Institute for Applied Material Flow Management, Birkenfeld, University of Applied Sciences, Trier, Germany, 2013.

## **Publications**

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- **Book/Book Chapters**  
**Ahiakpa JK.** Amoatey HM. & Klu GYP (2014). Genetic diversity studies: A tool for harnessing okra germplasm in Ghana. A text book on harnessing okra genetic resource, LAP Lambert academic publishing, Germany. **ISBN:** 978-3-659-58939-3.
- **Reports**  
**JK Ahiakpa,** Technical report on data analyses from AgroTech Smart Ex application in Ghana, Grameen Foundation., A consultancy report, October, 2017.  
**JK Ahiakpa,** Kolley DM, Lahai SJB, Willie WT, Mulbah C & Eshete G. Needs assessment for establishment of graduate programs in agriculture and natural resources in Liberia,

CASD graduate committee, college of agriculture and sustainable development (CASD)-Cuttington University Graduate School, Monrovia, Liberia, December, 2016.

**JK Ahiakpa** and Adjei-Nsiah S. Annual project planning workshop, putting nitrogen fixation to work for smallholder farmers in Africa (N2Africa Project); International Institute of Tropical Agriculture, Ghana, 3-5 Feb, 2015.

**JK Ahiakpa**, Doe E and Adjei-Nsiah S. Early season training workshop, putting nitrogen fixation to work for smallholder farmers in Africa (N2Africa Project); International Institute of Tropical Agriculture, Ghana, 21-23 April, 2015.

**JK Ahiakpa**, Doe E, J van Herwaarden and Adjei-Nsiah S. Midseason training workshop on data collection using tablets, putting nitrogen fixation to work for smallholder farmers in Africa (N2Africa Project); International Institute of Tropical Agriculture, Ghana, 21-23 July, 2015.

**JK Ahiakpa** and Adjei-Nsiah S. Report on monitoring and evaluation workshop for implementing partners, Putting nitrogen fixation to work for smallholder farmers in Africa (N2Africa Project); International Institute of Tropical Agriculture, Ghana, 10-12 December, 2014.

▪ ***Refereed Journal Articles (published)***

Segbefia MM, Amoatey HM, **Ahiakpa JK**, Quartey EK, Appiah AS, Nunoo J & Kusi-Adjei R (2018). Evaluation of tomato varieties/breeding lines against tomato yellow leaf curl virus (TYLCV) disease under field conditions. *Journal of Tropical Agricultural Science*, 41 (1): 419-436.

**Ahiakpa JK**, Magdy M, Werner O, Amoatey HM, Yeboah MA, Appiah AS, Quartey EK & Ros, RM (2017). Intra-specific variation in West African and Asian germplasm of okra (*Abelmoschus* spp L.). *Annals of Agricultural Science* (published online). <https://doi.org/10.1016/j.aoads.2017.08.002>.

Asante MOO, **Ahiakpa JK**, Amoatey C & Adjei-Nsiah S (2017). Effect of shade and level of fertilizer application on nutrient uptake and dry matter partitioning in cocoyam (*Xanthosoma saggitifolium* L.). *Journal of Plant Nutrition*, 40 (16): 2312-2325. <http://dx.doi.org/10.1080/01904167.2016.1267749>.

Kwofie J, Amoatey HM, Nunekpeku W, **Ahiakpa JK** & Katsekpor C (2017). Crossability studies among twenty accessions of roselle (*Hibiscus sabdariffa* L.). *Journal of Agricultural Science*, 9(9): 230-236. <https://doi.org/10.5539/jas.v9n9p230>.

Abiti B, Hartard S, Bradl H, Pishva D & **Ahiakpa JK** (2017). Resource prospects of municipal solid wastes (MSW) generated in the Ga-East Municipal Assembly (GEMA) of Ghana. *Journal of Health & Pollution*, 7(14): 37-47. <https://doi.org/10.5696/2156-9614-7.14.37>.

Amoatey HM, Sossah FL, **Ahiakpa JK**, Quartey EK, Appiah AS & Segbefia MM (2016). Phenotypic profiles of different accessions of sweet potato (*Ipomoea batatas* L. Lam) in

the coastal savanna agro-ecological zone of Ghana. *African Journal of Agricultural Research*, 11 (26): 2316-2328. <https://doi.org/10.5897/AJAR2016.11034>.

Amoatey HM, **Ahiakpa JK**, Quartey EK, Segbefia MM, Doku HA, Sossah FL & Klu GYP (2015). Agromorphological characterisation of 29 accessions of okra (*Abelmoschus* spp L.). *Journal of Biology, Agriculture & HealthCare*, 5(4): 6-16. <http://iiste.org/Journals/index.php/JBAH/article/view/20213>.

Segbefia MM, Amoatey HM, Quartey EK, **Ahiakpa JK.**, Appiah AS, Nunoo J & Kusi-Adjei R (2015). Detection of TYLCV in ten genotypes of tomato (*Solanum* spp L.) using serological and molecular techniques in a coastal savanna zone of Ghana., *Journal of Natural Sciences Research*, 5(2): 17-24. <http://www.iiste.org/Journals/index.php/JNSR/article/view/19257>.

Amoatey HM, Klu GYP, Quartey EK, Doku HA, Sossah FL, Segbefia MM & **Ahiakpa JK** (2015). Genetic diversity studies of 29 accessions of okra (*Abelmoschus* spp L.) using 13 quantitative traits, *American Journal of Experimental Agriculture*, 5(3): 217-225. <https://doi.org/10.9734/AJEA/2015/12306>.

**Ahiakpa JK**, Amoatey H.M, Amenorpe G, Apatey J, Ayeh EA & Agbemavor WSK (2014). Mucilage content of 21 accessions of okra (*Abelmoschus* spp L.). *Scientia Agriculturae*, 2(2): 96-101. <https://doi.org/10.15192/PSCP.SA.2014.2.2.96101>.

**Ahiakpa JK**, Quartey EK, Klu GYP & Amoatey HM (2014). Essential mineral elements profile of 22 accessions of okra (*Abelmoschus* spp L.) from eight regions of Ghana. *Journal of Agricultural Science*, 6(5): 18-25. <https://doi.org/10.5539/jas.v6n5p18>.

Govina SEA, **Ahiakpa JK** & Spio AE (2014). Destination distributor selection & relationship management by SMEs involved in non-traditional exporting: a case study of three SMEs in Ghana, *Journal of Developing Country Studies*, 4(10):206-216. URL: <http://www.iiste.org/Journals/index.php/DCS/article/view/13284/13457>.

Sossah FL, Amoatey HM, Oduro V, Appiah AS, Nunekpeku W, Ossae FA, Owusu GK, Amiteye S & **Ahiakpa JK** (2014). Biochemical characterisation of 18 accessions of sweet potato (*Ipomoea batatas* L. Lam) using total leaf & tuberous root protein by SDS-PAGE, *Journal of Natural Sciences Research*, 4(11): 48-55. <http://www.iiste.org/Journals/index.php/JNSR/article/view/13751/14185>.

**Ahiakpa JK**, Quartey EK, Amoatey HM, Klu GYP, Achel DG, Achoribo E & Agbenyegah S (2013). Total flavonoid, phenolic contents & antioxidant scavenging activity in 25 accessions of okra (*Abelmoschus* spp L.). *African Journal of Food Science & Technology*, 4(5): 128-135. <http://www.interestjournals.org/AJFST/may-2013-vol-4-issue5>.

**Ahiakpa JK**, Kaledzi PD, Adi EB, Peprah S & Dapaah HK (2013). Genetic diversity, correlation and path analyses of okra (*Abelmoschus* spp L. Moench) germplasm collected in Ghana. *International Journal of Development and Sustainability*, 2 (2):1396-1415. <http://isdsnet.com/ijds-v2n2-72.pdf>.

▪ **Submitted Papers**

Ndebeh AK, Asumanah P, Massaquoi M, Ndebeh J, Ndaloma PG, Lahai SJB, Kolleh DM & **Ahiakpa JK** (2017). Agronomic performance of four upland rice genotypes under rainfed condition. *African Journal of Food, Agriculture, Nutrition & Development* (in Press).

Adjei-Nsiah S, **Ahiakpa JK** & Asamoah-Asante G (2017). Productivity of pigeonpea genotypes as influenced by fertilisation and their subsequent residual effects on a succeeding maize crop. *Annals of Agricultural Science* (under review).

Adjei-Nsiah S, Alabi BU, Ampiah AS, **Ahiakpa JK**, Kanampiu F & Giller KE (2017). Response of grain legumes to phosphorus application in the Guinea Savanna Zone of Ghana. *Agronomy Journal* (under review).

Joseph S, Lahai SJ and **Ahiakpa JK** (2017). Impact of priming on seedling emergence, germination and agronomic performance of West African Okra (*Abelmoschus caillei* Stev). *Tropical Agriculture* (under review).

Yeboah A, **Ahiakpa JK** and Adjei-Nsiah S (2017). Aflatoxin levels of seeds of some groundnut (*Arachis hypogaea* L.) varieties grown in Ghana as influenced by storage method. *Journal of Stored Products Research* (under review).

Segbefia MM, Amoatey HM, Quartey EK, Appiah AS, Nunoo J, Kusi-Adjei R & **Ahiakpa JK** (2017). Effect of backcrossing on fruit quality in tomato (*Solanum* spp L.). *Crop Science* (ongoing research).

**Ahiakpa JK** and Bill TK (2017). Consumer perception and acceptance of genetically modified organisms (GMOs): The case of Ghana and Liberia. *Public Opinion and Reviews* (ongoing research).

▪ **Technical Papers**

Magdy M, **Ahiakpa JK**, Werner O. & Rosa RM (2013). *Abelmoschus esculentus* internal transcribed spacer1, partial sequence; 5.8S ribosomal RNA gene, complete sequence & internal transcribed spacer 2, partial sequence, National Centre for Biotechnology Information, NCBI, GenBank: KF514667.1. <https://www.ncbi.nlm.nih.gov/nuccore/KF514667>.

Magdy M, **Ahiakpa JK**, Werner O. & Rosa RM (2013). *Abelmoschus esculentus* ribosomal protein L16 (rpl16) gene, intron; chloroplast, National Centre for Biotechnology Information, NCBI, GenBank: KF514665.1. <https://www.ncbi.nlm.nih.gov/nuccore/KF514667>.



## Conference Papers

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**Co-Presenter (poster).** Excellence in Higher Education for Liberian Development (EHELD)-a USAID-funded higher education program in Liberia, West Africa: Student research: investigating local agriculture, AIAEE, Portland, USA, 5-9 April, 2016. [https://www.aiaee.org/images/stories/AIAEE/2016Conference/conf\\_abs.pdf](https://www.aiaee.org/images/stories/AIAEE/2016Conference/conf_abs.pdf).

**Poster Presenter.** Third (3<sup>rd</sup>) International conference on neglected and underutilised species (NUS): for a food-secure Africa, *Bioversity International*, Accra, Ghana, 25-27 September 2013. <http://www.nuscommunity.org/resources/our-publications/publication/nus-2013-3rd-international-conference-on-neglected-and-underutilized-species-book-of-abstracts/>.

## Training, Workshops and Conferences Attended

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- ✓ Chinese language & culture trainee, Yunnan Agricultural University, Chinese Scholarship Council, Kunming, Yunnan Province, China, September-November, 2016.
- ✓ Trainee, pedagogical training in higher education, centre for continuing education, Cuttington University, Liberia, 13 February-27 June, 2016.
- ✓ Coordinator/Co-facilitator, workshop on demonstration of NRM lab & field equipment for research and teaching for lecturers of the college of agriculture & sustainable development, Cuttington University, Liberia, 20-21 May, 2016
- ✓ Coordinator, Laboratory training in plant science for staff and students of the college of agriculture & sustainable development, Cuttington University, Facilitated by Rutgers University, New Jersey, USA, Liberia, 22-25 February, 2016
- ✓ Participant, online course in research writing, AuthorAID-INASP, 20 October-30 November, 2015.
- ✓ Coordinator/co-facilitator, green house management training workshop, TetraTech International/ASNAPP, Cuttington University, Liberia, 20-25 October, 2015.
- ✓ Coordinator/Co-facilitator, mid-season training workshop on data collection using tablets; putting nitrogen fixation to work for smallholder farmers in Africa (N2Africa Project), International Institute of Tropical Agriculture, 3 Northern Regions, Ghana, 21-23 July, 2015.
- ✓ Coordinator, 2015 early season training workshop; putting nitrogen fixation to work for smallholder farmers in Africa (N2Africa Project), International Institute of Tropical Agriculture, Radach Lodge, Tamale, Ghana, 21-23 April, 2015.
- ✓ Presenter/coordinator, 2015 annual project planning workshop; putting nitrogen fixation to work for smallholder farmers in Africa (N2Africa Project), International Institute of Tropical Agriculture, Modern City Hotel, Tamale, Ghana, 3-5 February, 2015.
- ✓ Workshop coordinator, monitoring and evaluation workshop for implementing partners; putting nitrogen fixation to work for smallholder farmers in Africa (N2Africa Project); International Institute of Tropical Agriculture, Tamale, Ghana, 10-12 December, 2014.
- ✓ Rapporteur, Ghana multi-level integrated adaptation governance workshop; CCAFS-CGIAR/CSIR & Oxford University, GIMPA Executive Conference Centre, Accra, Ghana, April 2014, 14-16.

- ✓ Poster presenter, third (3<sup>rd</sup>) international conference on neglected and underutilised species (NUS): for a food-secure Africa, *Bioversity International*, Accra, Ghana, 25-27 September 2013.
- ✓ Trainee, formal training in project management professional programme (PMP). Benchmark Professional Training Centre, July-August 2013.
- ✓ Participant, scientific and research writing workshop, centre for African wetlands, University of Ghana, August 2011 & March 2012.
- ✓ Participant, workshop on agricultural value chain assessment organised by GTZ and the Ministry of Food and Agriculture, Kwame Nkrumah University of Science & Technology, KNUST (2009).
- ✓ Participant, annual general meeting of the Ghana institute of horticulturists, GhIH at Science and Technology Policy Research Institute, STEPRI (2008).
- ✓ Technical coordinator, seminar on investment & entrepreneurship organised by African Collegiate Entrepreneurs, ACE, USA (2008).

### **Professional Services**

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- ✓ Reviewer, *Journal of Experimental Agriculture International* (UK), 2013-present
- ✓ Reviewer, *Physical Sciences International Journal* (UK), 2014-present.
- ✓ Reviewer, *American Chemical Science Journal* (USA), 2015-present
- ✓ Reviewer, *International Journal of Plant Sciences* (USA), 2015-present
- ✓ Reviewer, *African Journal of Agricultural Research* (Nigeria), 2015-present
- ✓ Reviewer, *African Journal of Food Science* (Nigeria), 2016-present

### **Key Competences & Skills**

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- ✓ Computer literate with proficiency in MS Office (Access, Excel, PowerPoint & Word), Statistix, IBM-SPSS, Genstat, Statgraphics (Centurion), R, Minitab, XLStat, GraphPad prism, SAS-JMP, Microsoft Power BI (desktop) and Internet,
- ✓ Technical writing, policy briefs, grant proposals, business proposals and plans etc.
- ✓ Demonstrated research and analytical abilities and proactive problem solving skills,
- ✓ Excellent negotiation, organisational and people skills,
- ✓ Possess strong verbal and written communication skills,
- ✓ Ability to learn new things at a tremendous speed.

### **Membership of Professional Associations**

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- ✓ Crop Science Society of America, CSSA., September 2015-present
- ✓ Society for the Advancement of Science in Africa (SOSA), Canada, April 2015-present
- ✓ International Society of Development & Sustainability, ISDS, Japan., July, 2013-present.
- ✓ Young Professionals for Agricultural Research & Development (YPARD)., January 2015-present
- ✓ Extension & Advisory Services Community of Practice (The Feed the Future Developing Local Extension Capacity (DLEC))., August 2017-present.
- ✓ Ghana Institute of Horticulturists (GhIH), Ghana., August, 2008-present.
- ✓ African Collegiate Entrepreneurs, ACE., June, 2009-present.
- ✓ Ghana Nuclear Society, GNS, Ghana., September 2010-June 2012.

## **Educational Background**

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- ❖ **Master of Business Administration (MBA)**, UNICAF University, Cyprus, January 2018-August 2019 (Ongoing)
- ❖ **Master of Philosophy (M.Phil.) Nuclear Agriculture** (Mutation Breeding and Plant Biotechnology option), Graduate School of Nuclear and Allied Sciences, University of Ghana, August 2010-July 2012.
- ❖ **Bachelor of Science, (B.Sc.) Agriculture**, Kwame Nkrumah University of Science and Technology, Ghana, August 2005-June 2009.
- ❖ **Certificate (verified) in Developing Innovative Ideas for New Companies: The First Step in Entrepreneurship**, University of Maryland, December, 2013-January, 2014.
- ❖ **Certificate (verified) in Research Data Management and Sharing**, University of North Carolina at Chapel Hill & University of Edinburgh, May-June, 2017.
- ❖ **Diploma in Human Resource Management**, Institute of Commercial Management, England-UK, March 2009-May 2010.

## **Biodata**

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| ▪ Date of Birth: April 2, 1984  | ▪ Languages Spoken: English, French, Ewe, Twi & Sefwi |
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