



Curriculum Vitae

Kwabena **KYERE (PhD)**

Department of Agricultural Science Education,

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Ghanaian

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Google user profile: <https://scholar.google.com/citations?hl=en&user=fB0WjJEAAAAJ>

Areas of Expertise or Professional Skills:

Soil Plant Atmosphere relationship, Soil Moisture Characteristic, Soil Fertility and Plant Nutrition, Soil Trace Elements Contamination, Bioremediation, Climate Smart Agriculture Studies.

Professional Qualification(s):

<i>Rank</i>	<i>Supporting evidence</i>	<i>Period</i>
Post Graduate Diploma	Postgraduate Diploma in Teaching and Learning in Higher Education (PGDTLHE)	07/2023-12/2023
Post-Secondary Teachers Certificate “A”	Three years Postsecondary Teachers Certificate “A” Wesley College, Kumasi.	10/1998-06/2000

Professional Responsibilities:

<i>Position</i>	<i>Office/Location</i>	<i>Period</i>
Lecturer	Department of Agricultural Science Faculty of Science Education, South Campus SR 4	01/11/2021- Date

Head of Science Department
General Science Department,
Nsutaman Catholic SHS, Nsuta-Ashanti

1/09/2015-1/9/2020

Education:

<i>Qualification/Certificate obtained</i>	<i>Name of Institution Attended</i>	<i>Date</i>
Ph.D. (Soil Science).	University of Education, Winneba	24/06/2015-05/06/2021
M. Phil (Soil Science),	University of Education, Winneba	01/09/2009-26/07/2013
BSc. (Agriculture Technology).	University for Development Studies, Tamale, Ghana.	01/09/2003-31/07/2008
Senior Secondary School Certificate Examinations (Agricultural Science Option).	Opoku Ware School, Kumasi.	30/09/1992-20/12/1994
Basic Education Certificate Examinations.	St. Monica's Junior Secondary School, Mampong - Ashanti.	01/09/1989-30/06/1992

Career History:

<i>Position/Title Responsibilities:</i>	<i>Name of Institution</i>	<i>Date</i>
Lecturer- Promotion of Soil Science by research, teaching and project works supervision and to assist in the development of the University of Education, Winneba.	University of Education, Winneba, Ghana.	01/07/2022-Date
Acting Coordinator of Brilliant Science and Mathematics Quiz team	Nsutaman Catholic Senior High School, Nsuta -Ashanti.	01/09/2018- 01/2020
Enumerator Background data collection from food basket regions in Ghana	AGRA – Alliance for Green Revolution in Africa	09/2009 - 10/2009
Integrated Science Tutor- Teaching of Integrated Science, introduction of science talk shows for students.	Nsutaman Catholic Senior High School, Nsuta -Ashanti.	01/90/2007-31/01/2020
Member of School's Governing Board – Staff Representative	Nsutaman Catholic Senior High School, Nsuta -Ashanti	01/09/2019-01/09/2020

Publications, Research/Projects Conducted or Undertaken, Creative Works/Productions Produced:

1. **Kyere, K.**, Kofi Agyarko, K., Richard Kotei, R., Matt Dodd, M., Godfred Darko, G., Francis Kastro Kavi, K. K., & Attipoe, S. G. (2024). Dumpsites Farmers' Awareness of Physicochemical Properties of Dumpsites Soil in two Agro-Ecological Zones, Ghana. *Journal of Environmental Monitoring and Assessment*. Under Peer Review.
2. **Kyere, K.** (2024).
3. Kavi, K. F., Attipoe, S. G., **Kyere, K.**, Agbosu, W. K., & Offei, M. K. (2023). Effects of Production Parameters on Rice output in the Ketu North District of the Volta Region, Ghana. *Scientific Papers Series Management, Economic Engineering in Agriculture and Rural Development*. Vol. 23, Issue 3.
4. Nyamede, I. M., Larteh, I. T., & **Kyere, K.** (2022). Influence of *Aspergillus niger* Phospho-compost on Growth, Dry Matter Yield and P Uptake of Maize. *Journal of Experimental Agriculture International*, 1-6. DOI <https://doi.org/10.9734/jeai%2F2022%2Fv44i1130901>
5. Baayim, A. J., Dapaah, H. K., Agyarko, K., Atakora, K., Kyere, K., Osei, B. Y., & Boateng, I. (2020). Assessment of Growth and Yield of Watermelon and Soil Physical Properties in Response to Different Tillage Methods. *International Journal of Plant & Soil Science*, 32(4), 79-88. DOI <https://doi.org/10.9734/ijpss/2020/v32i430274>
6. Atakora, K., Agyarko, K., Dapaah, H. K., Asiedu, E. K., Baayim, A. J., Osei, B. Y., & **Kyere, K.** (2019). The Combine Effect of Grasscutter (*Thryonomys swinderianus*) Manure and NPK Fertilizer on Soil Properties, Growth and Yield of Carrot (*Daucus carota*). *Journal of Experimental Agriculture International*, 40(1): 1-11. DOI <https://doi.org/10.9734/jeai/2019/v40i130357>
7. Osei, B. Y., Agyarko, K., Asiedu, E. K., Agyiri, M., **Kyere, K.**, Amponsah, E. K., & Atakorah, K. (2018). Influence of Different Soil Application Methods of *Mucuna puriens* on Soil Chemical Properties and Maize Yield in Ghana. *International Journal of Plant & Soil Science*, 24(6):1-9. DOI <https://doi.org/10.9734/IJPSS/2018/43186>
8. **Kyere, K.**, Agyarko, K., Osei, B. Y., & Asiedu, E. K. (2018). Soil Surface Treatments and Moisture Characteristics of a Luvisol under Cowpea (*Vigna unguiculata*) in the Transition Zone of Ghana. *Asian Journal of Physical and Chemical Sciences*, 6(1):1-9. DOI <https://doi.org/10.9734/AJOPACS/2018/34990>
9. **Kyere, K.**, Agyarko, K., Osei, B. Y., & Asiedu, E. K. (2018). Influence of grass mulch on soil physical attributes of a luvisol and water requirement of cowpea (*Vigna unguiculata*) in the transition zone of Ghana. *Asian Soil Research*, DOI <https://doi.org/10.9734/asrj/2018/v1i2650>.
10. Osei, B. Y., Agyarko, K., **Kyere, K.**, & Asiedu, E. K. Response of hydro-physical properties of a Chromic Luvisol in Ghana to different methods of application of *Mucuna pruriens* as a soil amendment. *International Journal of Environment, Agriculture and Biotechnology*, 2(5), 238939. DOI <https://doi.org/10.22161/ijeab/2.5.37>

Professional Development:

Training Sessions:

<i>Course Title</i>	<i>Course Instructor</i>	<i>Location</i>	<i>Period</i>
Training on proposal writing	Prof. Ahetor	UEW, Mampong-Ashanti	05/2010

Seminars and Workshops:

<i>Course Title</i>	<i>Location</i>	<i>Period</i>
Workshop on Grantsmanship and Project Management by the Institute for Educational Research and Innovation Studies (IERIS-UEW)	IERIS Conference room Winneba, Ghana.	22 ND -23 RD September, 2022

Conference(s):

<i>Name of Conference</i>	<i>Location</i>	<i>Presentations (if any)</i>	<i>Period</i>
Ghana Scholarly Society (GSS 2024)	University of Bradford, UK.	Participant	18 - 22 June, 2024
GOT MOBILITY NETWORKING	ESTONIA UCC	Participant	6 - 13 April, 2024
GhIH - Ghana Institute of Horticulture	KNUST	Participant	2023
Inter University Conference for Doctoral Studies	Jophus Anamuah Mensah Conference Centre	Participant	17-19 January, 2023
Building Research Capacity and Grant Capture opportunities in UEW	North Campus Assembly Hall	Participant	2 ND November, 2022

Curriculum Development:

<i>Course or instructional material</i>	<i>Period</i>
Sustainable Agricultural Practices (Lead Author, CODEl)	03/2024
Agricultural Project Work (Lead Author, CODEl)	01/2023
Sustainable Agriculture (Lead Author, CODEl)	08/2023
Agribusiness Management: Processing, Financing and Marketing of Agricultural Products (Lead Author, CODEl)	11/2022

<i>Course taught</i>	<i>Period</i>
AGR 115: Agricultural Land Survey and GIS	2021/2022
AGR 243 Soil Science	2021/2022
AGR 115: Agriculture Land Surveying and GIS	2022/2023
ENVS 243: Soil and Environment Interactions	2022/2023
AGR 236: Soil Fertility and Nutrient Management	2023/2024

Student Development:

Supervision of Students Project work

2022/2023

Mentorship*Area(s) of Development**Number of Staff Mentored***Membership of Professional Association(s):**

<i>Name of Association</i>	<i>Position held (if applicable)</i>	<i>Period</i>
Ghana Science Association	Member	01/09/2013 to Date
University Teachers Association of Ghana	Member	01/11/2022 to Date
Soil Science Association of Ghana	Member	01/01/2021 to Date
Ghana Institute of Horticulture	Member	01/01/2023 to Date

Institutional Service:

<i>Name of Committee(s) and/or Board(s)</i>	<i>Position or role</i>	<i>Period</i>
Proposal on Modernization and Commercialization of the School Farm-UEW (Member)		June, 2022
Member of accreditation application committee for a new programme by GTEC (MSc and Med. Agricultural Science Education -UEW)		October, 2022
Member of accreditation application committee for a new programme by GTEC (MSc and Med. Agricultural Rural Development -UEW)		

Community Service:

Estimation of Rainfall amounts, Evapotranspiration amounts,	2021-2022
Soil and Air Temperatures and Relative Humidity at Winneba (UEW Farm)	
Installation of Rain Water Storage Facility at UEW Farm for Teaching Purposes	2022-2023

Professional Service or Consultancy outside the University:

Alliance for Green Revolution in Africa (AGRA) Enumerator for a baseline survey in the food basckets in Ghana, **Agrisystems, 2009.**

<i>Name of institution/client</i>	<i>Period of service</i>	<i>Office/position held</i>
Agogo Presbyterian Women College of Education, Agogo-Ashanti	01/09/2019-07/07/2021	Course tutor (Parttime)

Referees:

- **Prof. Kofi Agyarko**
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and Entrepreneurial Development, Mampong,
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14/03/2024