

CURRICULUM VITAE

Camillus Abawiera Wongnaa

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EDUCATION

- PhD. Agricultural Economics – Kwame Nkrumah University of Science and Technology (KNUST), 2016
Focus: *Economic Efficiency and Productivity*
Dissertation topic: *Economic Efficiency and Productivity of Maize Farmers in Ghana*
- MPhil. Agricultural Economics - University of Ghana, Legon, 2009
Focus: *Productivity and Viability of Tree Crop Production*
Thesis topic: *Economic Analysis of Cashew Production in the Wenchi Municipality, Ghana*
- BSc. Agriculture (Option: Agricultural Economics), Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana, 2005
Focus: *Profitability of Ghana's tomato production*
Thesis topic: *Cost and Revenue Analysis of Wet Season Tomato Production in the Wenchi District of the Brong-Ahafo Region of Ghana*
- Dip. Education, University of Education, Winneba, Ghana, 2014
Focus: *Effective teaching of Mathematics*
Thesis topic: *A Guide for Teaching First Year Core Mathematics at the Senior High School*
- Certificate, Philanthropy University and University of California, Berkeley, USA.
Focus: Planning for Monitoring and Evaluation.
- Certificate, Impact Evaluation Training and Matchmaking Workshop, Ghana Institute of Management and Public Administration (GIMPA), 2023.
Focus: Impact Evaluation
- Diploma in Development Methodologies, Summer School, J-Pal, Rabat, Morocco, 2023
Focus: Development Methodologies
- Certificate, Introduction to Global Burden of Disease (GBD) Online Course. University of Washington, USA.
Focus: Global Burden of Disease Study

SCHOLARLY IMPACT AND RESEARCH PERFORMANCE

Currently, I have an h-index of 29 (27 since 2021) with 2,410 total citations (2,097 citations since 2021), an i10-index of 63 (61 since 2021), and an h-index momentum of 89.7%. I am ranked 302,241 globally (among at least 2,637,254 scientists), 4,373 in Africa (among at least 192,067), 179 nationally (among at least 7,172 scientists), and 45 within my university (KNUST) (among at least 1,217 scientists) according to the AD Scientific Index, demonstrating both established research impact and rapidly accelerating scholarly influence.

PROFESSIONAL EXPERIENCE

- **May, 2026:** Member, Review Committee to appraise three (3) new Master of Science programmes submitted by the Department of Agricultural and Biosystems Engineering to be run through Institute of Distance Learning, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana.
- **May, 2026:** Chairman, Vice-Chancellor-appointed Planning and Resources Committee Sub-

Committee to review and finalize proposals for five new postgraduate programmes submitted by the Institute for Rural Development and Innovation Studies (IRDIS), College of Agriculture and Natural Resources, Kwame Nkrumah University of Science and Technology.

- **April, 2026:** Member, Committee for the Re-accreditation of MPhil/PhD. Agricultural Economics Programme, Department of Agricultural Economics, Agribusiness and Extension, Faculty of Agriculture, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana.
- **February, 2026 to Date:** Coordinator, Collaboration between Faculty of Agriculture, KNUST, and Genser Energy.
- **February, 2026 to Date:** Member, College of Agriculture and Natural Resources Procurement Committee, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana.
- **January, 2026:** Invitation to Oral Examination Training Session for Chairpersons, School of Graduate Studies, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana.
- **January, 2026:** Chairman, Quality Assurance Sub-Committee of College of Agriculture and Natural Resources, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana.
- **June, 2025 to Date:** External Examiner, Department of Agricultural Economics and Extension, University of Cape Coast, Ghana.
- **May, 2025 to Date:** Member, Committee to Investigate Allegations of Misconduct), Kwame Nkrumah University of Science and Technology, Kumasi, Ghana.
- **May, 2025 to Date:** PhD Curriculum Development Team, Nutrition and Sustainable Agri-Food Collaborative (NKABOM), Kwame Nkrumah University of Science and Technology, Kumasi, Ghana in partnership with the Mastercard Foundation.
- **March, 2025 to Date:** Member, Pre-Conference Programme Committee for the 2025 Ghana Association of Agricultural Economists (GAAE) Conference, Department of Agricultural Economics, Agribusiness and Extension, Faculty of Agriculture, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana.
- **March, 2025 to Date:** Member/Chairman, Panel of Assessors to undertake Accreditation of Programmes in Ghana's Tertiary Institutions on behalf of Ghana Tertiary Education Commission (GTEC), Ghana (Please see details below)
- **March, 2025 to Date:** Member, Environmental Management Committee, Faculty of Agriculture, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana.
- **March, 2025 to Date:** Member, Scientific Committee for the 2025 Ghana Association of Agricultural Economists (GAAE) Conference, Department of Agricultural Economics, Agribusiness and Extension, Faculty of Agriculture, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana
- **February, 2025 to Date:** Chairman for the SIRDA Curriculum Review Committee, Department of Agricultural Economics, Agribusiness and Extension, Faculty of Agriculture, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana.
- **January, 2025 to Date:** Conference and Seminar Committee, Faculty of Agriculture, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana.
- **January, 2025 to Date:** Programme Coordinator, MPhil. Sustainable and Integrated Rural Development in Africa (SIRDA), Department of Agricultural Economics, Agribusiness and Extension, Faculty of Agriculture, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana.
- **January, 2025 to Date:** Member, Committee overseeing all Postgraduate Programmes, Department of Agricultural Economics, Agribusiness and Extension, Faculty of Agriculture, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana
- **August, 2024 to Date:** Member, Faculty Board, Faculty of Agriculture, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana.
- **August, 2024 to Date:** Associate Professor of Agricultural Economics, Department of Agricultural Economics, Agribusiness and Extension, Faculty of Agriculture, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana.
- **December, 2024 to Date:** Member, Quality Assurance Committee (QAC), Institute of Distance

- Learning, (IDL), Kwame Nkrumah University of Science and Technology, Kumasi, Ghana.
- **October, 2024:** Member, Communique Drafting at the 7th Annual Conference of the Ghana Association of Agricultural Economists (GAAE), University for Development Studies, Tamale, Ghana.
 - **September, 2024 to Date:** College Research Strategic Committee, College of Agriculture and Natural Resources (CANR), Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana.
 - **May, 2024 to Date:** Reviewer for GRASAG Research Fund (GreF) Applications, Directorate of Student Affairs, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana.
 - **April, 2024 to Date:** External Examiner, Department of Agricultural Economics & Extension, Faculty of Science & Agriculture, University of Fort Hare, Alice, Eastern Cape, South Africa
 - **April, 2023 to March, 2025:** Member, College Research and Conference Committee, College of Agriculture and Natural Resources, KNUST
 - **March, 2023 to Date:** Co-opted Member, 10th KNUST Summer School for 2023.
 - **March, 2023 to Date:** College Representative on Housing Committee of the University, College of Agriculture and Natural Resources, KNUST
 - **March, 2023 to Date:** External Examiner, Department of Agricultural and Food Economics, University for Development Studies, Nyankpala Campus, Tamale, Ghana.
 - **February, 2023.** Chairman, Committee to develop a Curriculum for BSc. Agricultural Economics Programme, Department of Agricultural Economics, Agribusiness and Extension, KNUST.
 - **February, 2023.** Member, Committee for Splitting Department of Agricultural Economics, Agribusiness and Extension, KNUST.
 - **January, 2023:** Member, Case Study Development Team on Affordable Sustainability for Logistics Networks in Ghana (ASONG) Project, KNUST School of Business, College of Humanities and Social Sciences.
 - **May, 2022.** Member/Secretary, Committee on the Restructuring of Graduate Committees in the Colleges, formed by School of Graduate Studies, KNUST.
 - **September, 22 2022:** Panelist, Colloquium on Regional Trade Agreements and Climate Change in Africa organized by University of Energy and Natural Resources, Sunyani, Ghana at Sheila's Executive Hotel, Fiapre - near Sunyani.
 - **August, 2022 to Date:** Moderator for the BSc. Agriculture programme at the Presbyterian University College, Abetifi, Ghana.
 - **June, 2022:** Resource person, Scientific Writing Workshop for final year students of Department of Agropreneurship, Kumasi Technical University, Kumasi, Ghana.
 - **February, 2022 to Date:** KNUST Representative on the Research Pillar of the African Centre for Career Enhancement and Skills Support (ACCESS) Project, a 3.7 million euro German Academic Exchange Service (DAAD) funded project.
 - **April, 2021 to Date:** Member, Committee to Assess Teaching of Senior Members for Promotion, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana.
 - **June, 2021 to Date:** Facilitator, Okuafo Pa Agribusiness Youth Training Project implemented by Okuafo Pa Foundation and KNUST's Faculty of Agriculture at Kyeremasu in the Dormaa East District of the Bono Region.
 - **August, 2020 to Date:** Senior Lecturer, Department of Agricultural Economics, Agribusiness and Extension, Faculty of Agriculture, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana.
 - **July, 2020 to Date:** Volunteer, Associate Director, Community Economic Empowerment, Optimal Change Partenership – A local NGO.
 - **May, 2020 to Date:** Member of Department E-Learning Committee following COVID-19 Pandemic, Department of Agricultural Economics, Agribusiness and Extension, Faculty of Agriculture, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana.
 - **March, 2020 to Date:** Part-time Lecturer, Ghana Institute of Management and Public

- Administration (GIMPA), Kumasi Campus, Ghana
- **November, 2019 to Date:** Programme Coordinator of Agricultural Economics, Department of Agricultural Economics, Agribusiness and Extension, Faculty of Agriculture, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana.
 - **July, 2019 to Date:** Secretary to Graduate Committee of Department of Agricultural Economics, Agribusiness and Extension, KNUST, Kumasi, Ghana.
 - **May, 2019 to Date:** External Examiner, University of Energy and Natural Resources, Sunyani.
 - **December, 2018 to 2019:** Deputy Coordinator in Charge of Marking Multiple Choice Questions (MCQs), Faculty of Agriculture, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana.
 - **September, 2018 to Date:** Assistant Departmental Examination Officer, Department of Agricultural Economics, Agribusiness and Extension, Faculty of Agriculture, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana.
 - **September, 2018 to Date:** Member of Department Media and Publicity Committee, Department of Agricultural Economics, Agribusiness and Extension, KNUST, Kumasi, Ghana.
 - **January, 2017 to Date:** Hall Fellow, Unity Hall, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana.
 - **January, 2017 to Date:** Member of Departmental Research and Development Committee, Department of Agricultural Economics, Agribusiness and Extension, KNUST, Kumasi, Ghana.
 - **Member of Publicity and Fund Raising Committee:** 2018 Conference of Ghana Association of Agricultural Economists from 8th – 11th August, 2018, KNUST, Kumasi.
 - **January, 2017 to Date:** KNUST Coordinator, Next Generation Researchers (NGR), United Nations University (UNU)'s project on "Education for Sustainable Development in Africa (ESDA)", Kwame Nkrumah University of Science and Technology, Kumasi, Ghana.
 - **January, 2017 to Date: Part-time Lecturer,** Central University, Kumasi Campus
 - **September, 2016 to Date:** Academic Tutor, Faculty of Agriculture, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana.
 - **August, 2016 to Date: Part-time Senior Lecturer,** University of Education, Winneba, Kumasi Campus.
 - **August, 2016 to Date:** Member, Faculty Examiners Board, Faculty of Agriculture, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana.
 - **26th August, 2016 to 31st July, 2020: Lecturer,** Department of Agricultural Economics, Agribusiness and Extension, Faculty of Agriculture, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana.
 - **2011 to 2014:** Developed Syllabi for Diploma in Agribusiness and Finance, Higher National Diploma in Agribusiness and Entrepreneurship and Bachelor of Technology in Agribusiness and Entrepreneurship for Department of Agropreneurship, Kumasi Technical University, Kumasi, Ghana.
 - **February, 2014 - August, 2016: Senior Lecturer,** Department of Agropreneurship, Kumasi Technical University, Kumasi, Ghana.
 - **1st October, 2011 to 31st July, 2014:** Head of Department of Agropreneurship, Kumasi Technical University, Kumasi, Ghana.
 - **January, 2012 to February, 2015: Part-time Lecturer/Senior Lecturer,** Methodist University College, Ghana.
 - **October, 2011 – August, 2012:** Coordinator for Agropreneurship, Faculty of Entrepreneurship and Enterprise Development, Kumasi Technical University.
 - **February, 2011 to February, 2014: Lecturer,** Department of Agropreneurship, Kumasi Technical University, Kumasi, Ghana.
 - **2006 to 2007:** Core Mathematics, Integrated Science, Chemistry, Elective Mathematics and Physics Teacher, Istiqqama Senior High School, Wenchi-B/A (Part-time)
 - **2006 to 2007:** National Volunteer Service person, Wenchi Secondary School (WESS) (Core Mathematics, Integrated Science, Chemistry, General Agriculture, Animal Husbandry and Elective Mathematics Teacher).
 - **2005 to 2011: Maize Farmer,** Abotareye near Wenchi, Bono, Region, Ghana

- **2005 to 2011:** Core Mathematics, Integrated Science, Chemistry, Elective Mathematics, Biology and Physics Teacher at Dito Dito Remedial Classes for WASSCE candidates, Wenchi-B/A (A remedial school I established).
- **2005 to 2006:** National Service Person, Wenchi Secondary School (WESS) (Core Mathematics, Integrated Science, Chemistry, General Agriculture, Animal Husbandry and Elective Mathematics Teacher).
- **2004:** Industrial Attachment at Wenchi Tomato Processing Factory (Afrique Link Limited) (Participated fully in activities on the Company's Tomato farm from nursery to the field).
- **2002 to 2009: Visiting Teacher,** Grace Preparatory/Junior High School, Wenchi, Ghana.
- **2000 to 2001: Full-Time Teacher,** Grace Preparatory/Junior High School, Wenchi, Ghana.

GHANA TERTIARY EDUCATION COMMISSION (GTEC) ACCREDITATION PANELS

1. Member, re-accreditation of BTech in Agro Enterprise Development at Ho Technical University on March 14, 2025.
2. Chairman, accreditation of Master of Science (Sandwich) Programme in Agribusiness at University for Development Studies from May 28-29, 2025.
3. Chairman, accreditation of Master of Philosophy Programme in Agribusiness at University for Development Studies from May 28-29, 2025.
4. Chairman, accreditation of Doctor of Philosophy Programme in Agribusiness at University for Development Studies from May 28-29, 2025
5. Member, accreditation of Bachelor of Science in Agribusiness and Food System Management at University of Education, Winneba, Winneba on 27th October, 2025
6. Member, accreditation of Diploma in Agribusiness at Tamale Technical University on 26th March, 2026.
7. Member, accreditation of Master of Technology in Agribusiness Management at Tamale Technical University on 26th March, 2026.
8. Chairman, accreditation of Diploma in Agricultural Science at Ho Technical University on 10th April, 2026.
9. Chairman, accreditation of Bachelor of Science in Agri-Knowledge Exchange and Community Development at University of Energy and Natural Resources on 20th May, 2026.
10. Chairman, accreditation of Master of Science in Agricultural Extension and Community Development at University of Energy and Natural Resources on 20th May, 2026.
11. Member, re-accreditation of Bachelor of Technology in Agribusiness at Tamale Technical University on 11th June, 2026.
12. Chairman, r-accreditation of MPhil in Agribusiness at University of Ghana on 2nd July, 2026.
13. Chairman, re-accreditation of MPhil in Agricultural Economics at University of Ghana on 2nd July, 2026.
14. Chairman, re-accreditation of PhD in Applied Agricultural Economics and Policy at University of Ghana on 2nd July, 2026.

UNIVERSITY COURSES/SUBJECTS TAUGHT

Table 1 presents the university level courses I have taught.

Table 1: Subjects taught

Academic Year/Semester	Subjects Taught	Department	
2023/2024	1 st Semester	Department of Agricultural Economics, Agribusiness and Extension, KNUST	
	AGEC 251: Agricultural Economics		
	ABM 253: Introduction to Macroeconomics		
2022/2023	1 st Semester	Department of Agricultural Economics, Agribusiness and Extension, KNUST	
			ABM 553: Business Economics
			AGEC 251: Agricultural Economics
	2 nd Semester		ABM 253: Introduction to Macroeconomics
			AGEC 454: Introduction to Macroeconomics
			AGEC 568: Production Economics
2022/2023	1 st Semester	Institute of Distance Learning, KNUST	
	2 nd Semester		
2021/2022	1 st Semester	Department of Agricultural Economics, Agribusiness and Extension, KNUST	
			ABM 553: Business Economics
			ABM 552: Qualitative and Quantitative Methods for Agribusiness
	2 nd Semester		AGEC 251: Agricultural Economics
			SIRDA 560: Research Methods II and Resource Mapping
			AGEC 568: Production Economics
			ABM 552: Qualitative and Quantitative Methods for Agribusiness
2021/2022	1 st Semester	Institute of Distance Learning, KNUST	
	2 nd Semester		
2020/2021	1 st Semester	Department of Agricultural Economics, Agribusiness and Extension, KNUST	
			AGEC 251: Agricultural Economics
			ABM 253: Introduction to Macroeconomics
	2 nd Semester		ABM 553: Business Economics
			AGEC 454: Introduction to Macroeconomics
			SIRDA 560: Research Methods II and Resource Mapping
AGEC 568: Production Economics			

		ABM 552: Qualitative and Quantitative Methods for Agribusiness	
2020/2021	1 st Semester	ABM 553: Business Economics	Institute of Distance Learning, KNUST
	2 nd Semester	ABM 552: Qualitative and Quantitative Methods for Agribusiness	
2019/2020 – 2022/2023		BUS 301A: Business Research Methods	Ghana Institute of Management and Public Administration (GIMPA) – Kumasi Campus (Part-time)
2019/2020	1 st Semester	AGEC 251: Agricultural Economics	Department of Agricultural Economics, Agribusiness and Extension, KNUST
		ABM 253: Introduction to Macroeconomics	
		ABM 553: Business Economics	
	2 nd Semester	AGEC 454: Introduction to Macroeconomics	
		SIRDA 560: Research Methods II and Resource Mapping	
		AGEC 568: Production Economics	
		ABM 552: Qualitative and Quantitative Methods for Agribusiness	
2019/2020	1 st Semester	ABM 553: Business Economics	Institute of Distance Learning, KNUST
	2 nd Semester	ABM 552: Qualitative and Quantitative Methods for Agribusiness	
2018/2019	1 st Semester	AGEC 251: Agricultural Economics	Department of Agricultural Economics, Agribusiness and Extension, KNUST
		ABM 253: Introduction to Macroeconomics	
		ABM 553: Business Economics	
	2 nd Semester	AGEC 454: Introduction to Macroeconomics	
		SIRDA 560: Research Methods II and Resource Mapping	
		AGEC 568: Production Economics	
		ABM 552: Qualitative and Quantitative Methods for Agribusiness	
2018/2019	1 st Semester	ABM 553: Business Economics	Institute of Distance Learning, KNUST
	2 nd Semester	ABM 552: Qualitative and Quantitative Methods for Agribusiness	
2017/2018	1 st Semester	AGEC 251: Agricultural Economics	Department of Agricultural Economics, Agribusiness and Extension, KNUST
		ABM 253: Introduction to Macroeconomics	
		ABM 553: Business Economics	
	2 nd Semester	AGEC 454: Introduction to Macroeconomics	
		SIRDA 560: Research Methods II and Resource Mapping	
		AGEC 568: Production Economics	
		ABM 552: Qualitative and Quantitative Methods for Agribusiness	

2016/2017	1 st Semester	AGEC 251: Agricultural Economics	Department of Agricultural Economics, Agribusiness and Extension, KNUST
		ABM 253: Introduction to Macroeconomics	
		AGEC 457: Introduction to Production Economics	
		ABM 553: Business Economics	
	2 nd Semester	AGEC 454: Introduction to Macroeconomics	
		SIRDA 560: Research Methods II and Resource Mapping	
		AGEC 568: Production Economics	
2016/2017 - Date	1 st Semester	CUVL 101: Life Management And Purposeful Living	Central Business School, Central University, Ghana (Part-time)
		ECON 101: Introduction to Economics 1 (Micro)	
		CUVL 301-Life Management Skills	
		CBMK 307: Marketing Research	
		CBHR 403-Career Development Systems	
		CBFW 403: Entrepreneurship	
		GBGM 613: Quantitative Methods	
		GBGM 603: International Business	
		GBGM 613: Quantitative Methods	
	2 nd Semester	ECON 202: Introduction To Economics Ii (Macro)	
		CBBF 302: Microfinance	
		ECON 304: Research Methods	
		GBCO 612: Entrepreneurship	
		EMLG 616 Government Budgeting	
2016/2017 – 2021/2022	1 st Semester	BUS 621:Management Consulting	Akenten Appiah-Menka University of Skills Training and Entrepreneurial Development (AAMUSTED) (Erstwhile University of Education, Winneba-
		ECO 511: Managerial Economics	
	2 nd Semester	FIN 522: Financial Derivatives	
		BUS 612: Research Methods and Statistical Analysis	
2011/2012 to 2015/2016	1 st Semester	DAF 107: Introduction to Agriculture	Department of Agropreneurship, Kumasi Technical University
		DAF 211: Livestock Production and Management	
		DAF 209: Apiculture	
		ENT 201: Entrepreneurship	
		ENT 225: New Venture Creation	
		ENF 229: Research Methods	

	2 nd Semester	DAF 110: Micro-Livestock, Snails and Mushroom Production	
		DAF 102: Economics for Managers	
		DAF 206: Poultry Production and Management	
		ENT 224: Strategic Entrepreneurship	
2012/2013 to 2015/2016	1 st Semester	MAEA 403: Entrepreneurship	Methodist University College, Ghana (Wenchi Campus) (Part-time)
		MAEA 053: Macroeconomics	
	2 nd Semester	MAEA 104: Introduction to Microeconomics	
		MAEA 304: Agricultural Co-operatives	
		MAEA 072: Agricultural Development Policy and Marketing	
		MAEA 106: Introduction to Agricultural Economics	
		MAEA 210: Agribusiness Management	

a) Supervision of student project work/theses/research

I have outlined students' projects I have supervised since my appointment as a lecturer in Tables 2, 3, 4 and 5.

Table 2: Undergraduate Supervision

SN	Name of Students	Research topic	Academic year
1 2	Emmanuel Frimpong Francis Adu Kyei	Impact of Adoption of Climate Smart Agriculture Technologies in Maize Production in Twifo Atti-Morkwa District	2023/2024
3 4	Bertha Dogbey Delight Pewudie Mawuse	The Effect of E-Extension on the Welfare of Farmers in the Eastern Region of Ghana	2023/2024
5 6 7 8 9	AMADU, Shaibu OKYERE, Atta Rubben Junior YEBOAH, Benjamin Nimoh ARPAU, Charity (Miss) APPIAH, Frederick	Willingness of Farmers to Adopt and Pay for Sensor Technologies for Pest and Disease Management in Crop Production.	2023/2024
10 11 12 13 14	OWUSU ACHEAMPONG, Terrance OWUSU, Asante Goodman BOATENG, Owusu-Ansah Edmund ACQUAH, Jeffery ANABA, Charity (Miss)	The Impact of Adoption of Agroecological Approaches on Smallholder Welfare.	2023/2024
15 16 17 18 19	BOSOMPEM, Clinton Yeboah KORANKYE, Acheampong MOHAMMED, Naima Abdullah (Miss) BADU, Baah Emmanuel PEPRAH, Alex	Impact of Esoko Mobile Application on climate change Adaptation and Welfare	2023/2024
20 21 22 23 24	CODJOE, Rutherford Andy DZAKAH, Florence Dogbeda (Miss) OWUSU KWAKYE, Michael NTI-ABABIO, Nana Sarpong OKLETEY, Cosmos	Impact of Use of Mobile Phones for Accessing Market Information on Postharvest losses and smallholder welfare	2023/2024
25 26 27 28 29	ADARKWAH, Kingsley Frimpong MENSAH, Jonathan Adjei GYIMAH, Abigail (Miss) BOATENG, Kofi Gyebi POKU, Akomaa Gihy (Miss)	Farm size and Willingness to pay for Digital Services Nexus among Vegetable Farmers	2023/2024
30 31 32 33 34	ADUSEI SEFAH, Enock ADU, Boakye Felix AWUAH, Josephine Boewaa (Miss) BOAMPONG, Marcus JAMBEIDU, Nihard (Miss)	Impact Of Farmerline Hq Mobile Application on Smallholder Welfare.	2023/2024
35 36	Aminayire Emmanuel Zeeba Nyamikeh	Impact of use of social media in the marketing of poultry products	2023/2024
37 38 39	Azu Solomon Sackitey Oduro Joseph Esther Benneh	Impact of Participation in the Cocoa Rehabilitation Program in The Ashanti Region of Ghana	2022/2023

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40	Kuugyire Kuuwanima		
41	Agoalikum Patrick	Farmer Business School Participation, Diversification and Welfare of Smallholder Cocoa Farmers	2022/2023
42	Aboagye Fred Kwadwo		
43	Acheampong Isaac		
44	Anane Josephine		
45	Adu Gyamfi Irene		
46	Tenkorang Prosper Owusu		
47	Andrew Fiifi Baiden	Profitability and Impact of Okra Production in the Ashanti Region, Ghana	2022/2023
48	Piersam Fiifi Bentum Yawson		
49	Nana Koranteng Quashie		
50	Doe William	Assessing the Effects of COCOBOD Led Mass Pruning Program on the Welfare of Cocoa Farmers in the Ashanti Region, Ghana	2022/2023
51	Fosu Emmanuel		
52	Addo Baafi Jochebed		
53	Boakye Frederick Nana Kofi Appiah Ohene		
54	Eric		
55	Amanful, Emmanuel Dadzie	Impacts of Machinery Subsidies on Adoption of Mechanization and Smallholder Rice Farmers' Welfare	2022/2023
56	Antwi, Danso Paul		
57	Asomaning, Valentina		
58	Baffour, Godfred Awuah		
59	Boateng Kusi, Derrick		
60	Danso, Joseph		
61	Imoro Lamratu	Profitability And Impact of Adoption of Organic Vegetable Farming Business by Conventional Vegetable Producers in The Ashanti Region of Ghana	2021/2022
62	Adomako Goergina		
63	Rosemary Sam		
64	Adjenim-Boateng Stephen		
65	Asante David Atiemo		
66	Agyeman Elvis Kwabena		
69	Osei Tawiah Frederick	The Impact of Use of Climate Information Services on Climate Change Adaptation and Smallholder Welfare: Evidence from Ghana's Cashew Farmers in Bono Region	2021/2022
70	Otchere-Adu Nana Akua		
71	Chelsea Naa Darkowaa Adu		
72	Asare Austin Samuel	Consumption Of Organic Vegetables Among Various Income Categories in Greater Kumasi, Ghana.	2021/2022
73	Agyei Emmanuel Amponsah		
74	Achina Caleb Emmanuel		
75	Iddriss Hudard Mazzola		
76	Tweneboah Kwaku Samuel		
77	Aban Ekow Davis		
78	Ampomah Martina Acheaw	Adoption Of Integrated Soil Fertility Management for Tomato Production and Its Impact on Smallholder Welfare: Evidence from Akumadan, Wenchi and Techiman Tia Districts of Ghana	2021/2022
79	Allotey Akweley Golda		
80	Gyekye Anita		
81	Afriyie Sarfo Chris		
82	Akalene Mavis		
83	Ankomah, Emmanuel Dapaah		
84	Obeng, Nathan Ansah		

85	Acheampong, Richard	Profitability And Choice of Marketing Outlets of Small-Scale Pig Farming in The Ejisu Municipal Assembly	2020/2021
86	Owusu Ansah		
87	Yawson, Nana Samuel		
88	Appiah Mensah, Gertrude		
89	Gidisu, Sandra		
90	Mbroh James	Profitability of Commercially Prepared Feed and Farmers' Own Prepared Feed for Poultry Production in Ashanti Region	2020/2021
91	Debrah Richmond		
92	Dzaka Emmanuel		
93	Cobbinah Susana		
94	Adusei Poku Frank		
95	Amoah, Richmond	Decision to go into Cashew Nut Production and Choice of Market Outlets.	2019/2020
96	Manu, Akwasi Richmond		
97	Essel Ebenezer Nana Kwame		
98	Sarpong, Akosua Obenewaa (Miss)		
99	Agyei Frimpong Emmanuel		
100	Mensah Kwabena Snr		
101	Sorgbordjor Nelson	Impact of Small Scale Miining on Cocoa Productivity and Farm Income: A Case Study in the Amansie West District	2019/2020
102	Oppong Mensah Thomas		
103	Agyeman, Boafour Ellen (Miss)		
104	Donkor, Samuel		
105	Osei, Godwin Tenkorang		
106	Osei Owusu, Oliver		
107	AGUMEY, Wisdom Delali	Assessment of Household Food Insecurity And Vulnerabilty Analysis in The Asokore Mampomg Municipality, Ashanti Region	2019/2020
108	ADU, Richard		
109	Atta Ennin Joel	Analysis of Structure, Conduct and Performance of Onion Market in Southern Ghana	2018/2019
110	Assibey Osei Emmanuel		
111	Adzikah Courage		
112	Arthur Charles		
113	Joshua Kani Asibey	Assesment of Compliance with Recommended Maize Production Practices in Ejura-Sekyedumase Municipality; The Case of Open Pollinated Varieties	2018/2019
114	Amponsah Serwaa Esther	Effect of Farmer Based Organizations Membership On the Profit Margin and Market Growth Rate of Tomato Farmers in Offinso North District	2017/2018
115	Attabra Roland		
116	Amankwaa - Gyau Richard		
117	Peterson Kwadwo Francis	The Use of Hybrid Seed Maize and Its Effects On Productivity: A Comparative Study of Attebubu-Amantin and Ejura-Sekyedumase Districts-KNUST.	2017/2018
118	Tabiri Robert		
119	Shamsiya Lawal		
120	Abu Abdul-Hashim		
121	Abbam-Baiden Benjamin	Analysis of Coffee Production Among Smallholder Farmers in the Dormaa Municipality, Ghana	2017/2018
122	Boame Nusienyo Yao Charles		
123	Gyamfi Sandra		

124	Abu-Andani Brandy Fatima	Access to Credit and its Effect on Rice Production: A Case Study of Smallholder Rice Farmers in The Tolon District, Ghana	2017/2018
125 126 127 128	Mahama Isaac, Afoakwa Bismark Osei, Owusu-Ansah Yaw, Ackon, Angelina	Assessing Consumers' Perception and Willingness to Pay for Tiger-Nut Yoghurt	2016/2017
129 130 131	Amissah Ebenezer Karen Sakyibea Danquah Danso Anthony Ofosu	Profitability of Urban Vegetable Production-KNUST.	2016/2017

Table 3: Postgraduate Supervision (Masters)

SN	Name of Student (Status)	Department	Research Topic (Type)	Academic Year
1	Randy Amoabeng	Agricultural Economics, Agribusiness and Extension, KNUST/Institute of Distance Learning, KNUST		2023 – Date
2	Robert Smith (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST/Institute of Distance Learning, KNUST	Factors Influencing the Use of Digital Technologies Among Small-Scale Cocoa Farmers in The Central Region of Ghana (MSc)	2022 – Date
3	Jamilatu Abudil Braimah (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST/Institute of Distance Learning, KNUST	Exploring Smallholder Farmer's Perceptions on The Legalization of Cannabis Plantations and Its Possible Implications on Crop Farming (MSc)	2022 – Date
4	Charlotte Atinyo (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST/Institute of Distance Learning, KNUST	Impact of the Cooperative System in the Cocoa Industry A Case Study of Breman Asikuma District (Bad) (MSc)	2022 - Date
5	Adamu Patrick (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST/Institute of Distance Learning, KNUST	Assessing The Impact of Electronic Weighing Scales in Cocoa Production: A Case Study in The Ashanti Bekwai Municipality, Ghana (MSc)	2021 – Date

6	Christopher Kudzinawo (Completed)	Agricultural Economics, Agribusiness and Extension, KNUST	Impacts Of Agricultural-Related Policies on The Export of Fruit Crops from Ghana: Case Study of Fasdep Ii and Its Medium-Term Implementation Plans (MPhil)	2021 – 2023
7	Evans Kyere-Mensah (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST/Institute of Distance Learning, KNUST	Participation in Cassava Production and Its Impact on The Welfare of Cassava Producers in Mampong Municipality (MSc)	2021 – Date
8	Amoako Gideon Kwabina (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST	The Shift from Arable to Tree Crop Production: Evidence from Cassava and Cashew Farmers in Techiman Municipality (MPhil)	2021 – Date
9	Jeffrey Acheampong Okyere (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST/Institute of Distance Learning, KNUST	Perception And Willingness of Cocoa Farmers to Participate in The Cocoa Farmer Pension Scheme (MSc)	2021 – Date
10	Saviour Kwaku Titiati (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST	Commercial Viability and Willingness to Pay for Private Community Dams in Maize Production Communities in Ghana: A Case Study of Kwahu Afram Plains in The Eastern Region (MPhil)	2021 – Date
11	Sule Asaana Shaibu (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST	Management Of Postharvest Losses of Vegetables in Ashanti and Bono East Regions of Ghana (MPhil)	2021 – Date
12	Peter Addai (Completed)	Agricultural Economics, Agribusiness and Extension, KNUST/Institute of Distance Learning, KNUST	Assessing the Impact of Contract Farming Agreement on Oil Palm Production: A Case Study of Golden Star Oil Palm Plantation (MSc)	2021-2023
13	Isaiah Ameyaw-Amankwah (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST	Willingness of Rural Banks to Provide Financial Assistance to Farmers in Ashanti Region, Ghana (MPhil)	2021-Date

CV of Camillus Abawiera Wongnaa

14	Dominic Nii Nartey-Ashong (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST	Potential For Payment for Ecosystem Services at the Afram Headwaters Forest Reserve (MPhil)	2021 – Date
15	Richard Gbebie (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST	Assessing The Effects of The COCOBOD Led Mass Pruning, Hand Pollination and Supply of Fertilizers Program on The Welfare of Cocoa Farmers In Western Region, Ghana (MPhil)	2021 – Date
16	Timothy Yeboah-Larbi (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST	Assessing the Market Potential of Cashew Fruit Juices (MPhil)	2019 – Date
17	Michael Kwame Asempah (Completed)	Agricultural Economics, Agribusiness and Extension, KNUST	Willingness to Patronize a Mechanized Cassava Peeling and Grating Service Among Small Scale Cassava Processors in the Bono East Region (MPhil)	2019 – 2021
18	Abigail Ayithey (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST	Sustainability of Community-Led Management of Natural Resources in the High Forest Zone of Ghana (MPhil)	2019 – Date
19	Dickson Kombiok (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST	Adoption and Impact of Drought Tolerant Maize Varieties On the Livelihood of Farmers in Northern Ghana (MPhil)	2019 – Date
20	Alhassan Abudu (Completed)	Agricultural Economics, Agribusiness and Extension, KNUST	Impact of Integrated Water Management and Agricultural Development (IWAD) - Ghana Inputs - Loan Model On Smallholder Farmer Livelihood in The Mamprugu Moagduri District (MPhil)	2019 – 2021
21	Ntow Kwadwo Thomas (Completed)	Agricultural Economics, Agribusiness and Extension, KNUST/Institute of Distance Learning, KNUST	Effects of Entrepreneurial Behaviour on Market Outlets Choice Among Smallholder Rice Producers in Bosome Freho District of Ashanti Region, Ghana (MSc)	2019 – 2020
22	Kwesi Afful Kwadam (Completed)	Agricultural Economics,	Profitability Analysis of Rabbit Production: A Case Study of	2019 – 2020

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		Agribusiness and Extension, KNUST/Institute of Distance Learning, KNUST	the Upper Denkyira East Municipal (MSc)	
23	Kumi Acheaw Godfred (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST	Impact of Livelihood Diversification on Cocoa Quality in Ghana (MSc)	2019 – Date
24	Adu Isaac (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST/Institute of Distance Learning, KNUST	Participation in the Mass Spraying Cocoa Program on the Welfare of Cocoa Farmers: A Study of Cocoa Farmers in the Tafo Cocoa District (MSc)	2019 – Date
25	Joshua Antoh (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST	Profitability of Circular Economy Participants: A Case of Cocoa Waste Players in Ghana (MPhil)	2019 – Date
26	Oduro Agyapong Anane (Completed)	Agricultural Economics, Agribusiness and Extension, KNUST	The Impact of the Planting for Food and Jobs Programme on the Income and Production Levels of Farmers in the Ahafo Ano South East District (MPhil)	2019 – 2021
27	Fuseini Jelilu (Completed)	Agricultural Economics, Agribusiness and Extension, KNUST/Institute of Distance Learning, KNUST	Impact of Adoption of production technologies on the profit efficiency of cocoa farmers in the western region of Ghana (MSc)	2018 – 2019
28	Patrick Owiredu (Completed)	Agricultural Economics, Agribusiness and Extension, KNUST/Institute of Distance Learning, KNUST	Farmer Business School Participation and its impact on Productivity, Food Security, Income and Poverty Reduction of Cocoa Farmers (MSc)	2018 – 2019
29	Afrane Baffour Kyei (Completed)	Agricultural Economics, Agribusiness and Extension, KNUST/Institute of Distance Learning, KNUST	Prospects of Artificial Pollination in Ghana's Cocoa Production: Evidence from Amenfi West (Samreboi) District of Western Region, Ghana (MSc)	2018 – 2019

30	Thomas Tuffour (Completed)	Agricultural Economics, Agribusiness and Extension, KNUST	Adoption and Impact of Orange-Fleshed Sweet potatoes On Food Security in Northern Ghana (MPhil)	2017 – 2019
31	Mamoutou Dit Djamba Sissoko (Completed)	Agricultural Economics, Agribusiness and Extension, KNUST	A Comparative Analysis of The Profitability and Technical Efficiency for Rice Farmers Using Traditional and Improved Milling Machines in The Segou Region, Mali	2017 – 2019
32	Reuben Jagri Binpori (Completed)	Agricultural Economics, Agribusiness and Extension, KNUST	Impact of Contract Farming on Food Insecurity of Rice Farmers in Kassena Nankana Municipality of Ghana (MPhil)	2017 – 2019
33	Ivy Owusu Ameyaw (Completed)	Agricultural Economics, Agribusiness and Extension, KNUST	Economic Analysis of Integrated Crop-Livestock Production Systems in Ghana (MPhil)	2016 – 2018
34	Emmanuel Kwame Nti (Completed)	Agricultural Economics, Agribusiness and Extension, KNUST	An Assessment of Sustainability in Community-Managed Water Supply Services in Ghana: The Case of Jacobu Small Town Water Supply System in the Amansie Central District of Ashanti Region (MPhil)	2016 – 2018

Table 4: Postgraduate Supervision (PhD)

SN	Name of Student	Department	Research Topic	Academic Year
1	Philomina Nana Kissiwaa Amofah	Nutrition and Sustainable Agri-Food Collaborative	Leveraging Nutrition-Sensitive Agriculture for Child Nutrition: An OFSP-Based Gruel Intervention in the Bosomtwe District, Ghana	2025 - Date
1	Emmanuel Marfo (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST		2023 – Date
2	Mohammed Ngmeniballonna Ibrahim (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST		2023 – Date
3	Etornam Kosi Anku (Ongoing)	Agricultural Economics,	Agro-economic appraisal of moringa leaf powder, baobab	2022 – Date

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		Agribusiness and Extension, KNUST	leaf powder and cashew apple waste powder as supplements in Oyster mushroom (<i>Pleurotus ostreatus</i>) production	
4	Joseph Acheampong (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST	Impact of cash credit and non-cash input credit schemes on, productivity, profitability and welfare of smallholder cocoa farmers in Ghana.	2022 - Date
5	Kwame Ansah Baffour (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST	Economic Efficiency of Intercropping Practices Among Smallholder Farmers in Ghana	2021- Date
6	Leticia Adwoa Anima Antwi (Completed)	Department of Supply Chain and Information Systems, KNUST	Role Of Supply Chain Capabilities in Food Loss Reduction Along Cereal Supply Chains in Ghana	2021- 2024
7	Zu Kwame Seyram Anthony (Ongoing)	Horticulture, KNUST	Post-Harvest Loss Assessment and Quality Preservation of Papaya Fruits in Ghana	2021-Date
8	Amoani Solomon (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST	Agricultural Foreign Direct Investments, Climate Change Adaptation and Agricultural Production: Implication for Mitigating Climate Risk in Agricultural Output and Livelihood Vulnerability	2021 – Date
9	Alex Amoah Seyram (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST	Analysis of Off-Farm Employment on Labour Supply for Cocoa Productivity and Welfare of Smallholder Cocoa Farmers in Ghana	2021 – Date
10	George Agana Akuriba (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST	Safety Compliance along the Meat Value Chain in Northern Ghana	2021 – Date
11	Williams Kwasi Boachie (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST	Side Selling Behaviour in Contract Farming Schemes and Its Effect on Smallholder Welfare: A Case of Maize Farmers in The Ashanti and Upper West Regions of Ghana	2020 – Date

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12	Doku Grace (Completed)	Agricultural Economics, Agribusiness and Extension, KNUST	Access to credit and its impact on technical efficiency and food security of small-scale women gari processors in Ghana	2019 – 2023
13	Amengor Eyram Natson (Completed)	Agricultural Economics, Agribusiness and Extension, KNUST	Gendered implications of Drought Tolerant Maize Production on Household Income and Food Security of Smallholder Farmers in Ghana	2019 – 2023
14	Ishak Shaibu (Completed)	Agricultural Economics, Agribusiness and Extension, KNUST	Assessment of Agripreneurship Training on Job Creation by Graduates of Agricultural Colleges in Ghana	2019 – 2022
15	Adarkwah Rejoice (Completed)	Agricultural Economics, Agribusiness and Extension, KNUST	Social Support Networks, Access To Credit and Performance of the Informal Agri-Food Sector in Ghana	2019 – 2024
16	Owusu William (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST	The Effect of Improved Agricultural Technology Adoption on Maize Yield and Food Security Status of Smallholder Maize Farmers' Households in the Ashanti Region of Ghana	2019 – Date
17	Korsi Ashong (Completed)	Agricultural Economics, Agribusiness and Extension, KNUST	Impact of Participation in Village Savings and Loans Associations on Maize Production in Selected Districts in Ghana	2017 – 2022
18	Isaac Nunoo (Completed)	Agricultural Economics, Agribusiness and Extension, Knust	Impact of Trade-Off Between Cocoa Farms and Artisanal Small Scale Gold Mining in Ghana: Implication on Food Security	2017 – 2023
19	Solomon Domayen Antumwini (Ongoing)	Agricultural Economics, Agribusiness and Extension, KNUST	Socioeconomic Analysis of the Production and Marketing of Raw Cashew Nuts in Ghana	2017 – 2025

Table 5: Other Students' Projects/Theses/Dissertations Supervised

SN	Topic	Level
1	Profitability Analysis of Sachet Water Production in the Kumasi Metropolis	HND
2	Financing Urban Vegetable Crop Production in Ghana, Debt or Equity	HND
3	An Economic Analysis of Cabbage Production among Vegetable Farmers in the Kumasi Metropolis	HND
4	Determinants of Profit in Wholesale and Retail Tomato Marketing in Kumasi Central Market	HND
5	Assessing the Effectiveness of Performance Management System of the State Insurance Company (SIC)	HND
6	An Economic Analysis of Cabbage Production among Vegetable Farmers in the Kumasi Metropolis	HND
7	Impact of Mining Activities on Agriculture Land and Food Security. A case study of Manso Nkwanta in the Amansie West District	HND
8	Credit Risk Management in Rural Banks: A Case of Some Selected Rural Banks Institutions Within the Ashanti Region of Ghana	MBA
9	Working Capital Management and Firms' Profitability: Evidence from Manufacturing Companies listed on the Ghana Stock Exchange	MBA
10	Funding of Agricultural Research in Ghana	MBA
11	Assessing The Level of Financial Literacy Among Business Owners: A Case Study of Kumasi Metropolitan Assembly of Ashanti Region, Ghana	MBA
12	Impact of Minimum Capital Requirement on The Performance of Rural Banks: A Case Study of Nwabiagya Rural Bank Ltd	MBA
13	Credit Rationing of Small and Medium Enterprises: Effect on the Growth of SMEs and its consequences on employment in Ghana	MBA
14	Impact of Capital Structure on Financial Performance of Manufacturing Firms in Kumasi Metropolis	MBA
15	Liquidity Management Practices in Rural Banks. A Case Study of Atwima Mponua Rural Bank	MBA
16	Assessing The Investment Pattern of Salary Workers: A Case Study of Public Sector Employees Within Kumawu District	MBA
17	Assessing The Financial and Economic Viability of Artisanal Timber Milling Business in Ghana: Case of Raywood, Jodiparks and Dovtom	MBA
18	Assessing the Financial Impact of Incarcerated Working Parents On Their Families	MBA
19	Assessing the Financing Constraints Faced by Small and Medium Scale Enterprises: A Case Study of Sekyere Rural Bank Limited Customers	MBA
20	Impacts of Licensed Buying Companies Sales Promotion Strategies on Cocoa Farmers Compliance: Case Study of Asante Akyem North District in the Ashanti Region	MBA
21	Profitability and Constraints to Orange-Fleshed Sweet Potato Production in Ghana: A Case Study of the Atwima-Mponua District	MBA
22	The Effect of Motivaion on Employee Performance: A Case Study of Yegoala Hotel Limited, Kumasi, Ghana	MBA
23	Employee Job Satisfaction Among Health Workers in the Kumasi Metropolis	MBA
24	Factors Influencing Church Attendants at Charismatic Churches in Ghana: A Case Study of Calvary Charismatic Centre, Ghana	MBA
25	Towards Increasing Productivity: An Evaluation of the Role of Employee Motivation	MBA
26	The Impact of Corporate Governance on the Success of an Organization: A Case of Selected Pension Funds in Ghana	EMLG

27	Utilisation of Disability Common Fund: Perspectives from Persons with Disabilities in the Kumasi Metropolis	EMLG
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(c) Other professionally related experience

In addition to the teaching and supervision of student project work/theses/research, I also examined/assessed the following theses for School of Graduate Studies, KNUST as an Independent Internal Examiner

1. Assessing the Compliance to Safety Practices in Agrochemical Usage and Its Impact on Productivity and Food Security of Smallholder Cocoa Farmers in The Nzema East Municipal by Adjei Nuhu Alhassan for MSc. Agribusiness Management, Kwame Nkrumah University of Science and Technology, December, 2023.
2. Impact of Mobile Money on Remittances and Profitability of Oil Palm Farmers in Prestea-Huni Valley Municipal by Sraku Shadrack for MSc. Agribusiness Management, Kwame Nkrumah University of Science and Technology, December, 2023.
3. Women Farmers’ Adoption of The MAG’S Programme and Its Effects on Household Food Security and Nutrition in The Kwahu West Municipality by Susana Kafui Dorho for MSc. Agribusiness Management, Kwame Nkrumah University of Science and Technology, December, 2023.
4. Assessing Rice Farmers Perception and Adoption of Drone Technology and Its Effect on Yield and Profitability in Shai Osudoku District by Bernard Akwei for MPhil. Agribusiness Management, Kwame Nkrumah University of Science and Technology, August, 2023.
5. Determinants of Post Harvest Losses to Maize Farmers in the Atebubu-Amantin Municipality of the Bono East Region by Langa Thomas Mahamadu for MSc. Agribusiness Management, Kwame Nkrumah University of Science and Technology, August, 2022.
6. Effect of Shade Management Practice on Cocoa Seedling Mortality in the Amansie-West District by Badu Tweneboa Yaw for MSc. Agribusiness Management, Kwame Nkrumah University of Science and Technology, June, 2022.
7. The Impact of Input Credit Schemes on Cocoa Production in the Upper Denkyira East Municipality in the Central Region of Ghana by Ofosu Frempong Derrick for MSc. Agribusiness Management, Kwame Nkrumah University of Science and Technology, June, 2022.
8. Patronage of Farm Radio Programmes as an Agricultural Knowledge Source by Farmers in the Bosome Freho District by Antwi Evans for MSc. Agribusiness Management, Kwame Nkrumah University of Science and Technology, June, 2022.
9. Awareness, Perception and Adoption of Cocoa Hand Pollination Technique and Its Effect on Profitability in the Western South Region by Asante Johnson for MSc. Agribusiness Management, Kwame Nkrumah University of Science and Technology, June, 2022.
10. Agro-Based Waste Valorization as Alternative Income Activities for Smallholder Farmers in Bawku West District by Abdul-Rahaman Yakubu for MSc. Agribusiness Management, Kwame Nkrumah University of Science and Technology, June, 2022.
11. Comparative Profit Analysis of Fresh Maize and Dry Maize Production in the Ayensuano District, Ghana by Aryee Marvel Asotnish for MSc. Agribusiness Management, Kwame Nkrumah University of Science and Technology, June, 2022.
12. Adoption of Cocoa Replanting in Antoakrom Cocoa District of Ashanti Region by Asamoah Diana for MSc. Agribusiness Management, Kwame Nkrumah University of Science and Technology, December, 2021.
13. Improved Seed Production Potential of Rice Farmer Groups in Upper Denkyira East Municipality by Clifford Yeboah-Manson for MPhil. Seed Science and Technology, Kwame Nkrumah University of Science and Technology, August, 2021.

14. Evaluation of perceptions preferences and quality of groundnut seeds in Ghana by Abogoom Jennifer for MPhil Seed Science and Technology, Kwame Nkrumah University of Science and Technology, June, 2021.
15. Assessment of Seed Quality, Profitability and Farmers' Perception of use of improved Maize Seeds in Northern Ghana by PUZER Raymond Yinzee for MPhil Seed Science and Technology, Kwame Nkrumah University of Science and Technology, June, 2021.
16. Factors Affecting Youth Participation in Cocoa Production in The Assin South District by Stephen Nkum for MSc. Agribusiness Management, Kwame Nkrumah University of Science and Technology, February, 2021.
17. Profitability and Extraction Efficiency of Small Scale Oil Palm Mills in Twifo Atti-Morkwa District by Gabriel Kwaku Tei for MSc. Agribusiness Management, Kwame Nkrumah University of Science and Technology, January, 2021.
18. Consumer Perceptions and Willingness to Pay for Ghana Rice in the Adenta and La-Nkwantanang Madina Municipalities by Elvis Mensah Bonsu for MSc. Agribusiness Management, Kwame Nkrumah University of Science and Technology, December, 2020.
19. Farmers' Perception and Adoption of Local Hybrid Maize in the Upper West Region, Ghana by Deborah Adjei-Baiden for MPhil Seed Science and Technology, Kwame Nkrumah University of Science and Technology, December, 2020.
20. Perception of Entrepreneurship as a career of determinants the and option Entrepreneurial intention of University students in the Kumasi Metropolis by Afua Deiwaa Agyemang for MPhil. Agribusiness Management, Kwame Nkrumah University of Science and Technology, August, 2020.
21. Assessing Perceptions and Challenges in Asunafo North Municipality in the Ahafo Region by Fuseini Dawuni for MSc. Agribusiness Management, Kwame Nkrumah University of Science and Technology, August, 2020.
22. The role of improved technology to enhance Total Factor Productivity (TFP): The case of quality seed yam production in Ghana and Nigeria by Jonas Osei-Adu for for PhD. Agricultural Economics, Kwame Nkrumah University of Science and Technology, Ghana. March, 2020.
23. Adoption of Hybrid Cocoa Seedlings and its Impact on Cocoa Production in the Jukwa District of the Central Region by Sobie Anthony for MSc. Agribusiness Management, Kwame Nkrumah University of Science and Technology, November, 2019.
24. Stakeholders Satisfaction of Coporate Social Projects: Implications for Jatropha Plantation Expansion by Isaac Afrifa Acheampong for MSc. Agribusiness Management, Kwame Nkrumah University of Science and Technology, Ghana. March, 2019.
25. Challenges of Small-Scale Palm Oil Processing in The Kwaebibirem Municipality of Ghana by Daniel Nyarko for MSc. Agribusiness Management, Kwame Nkrumah University of Science and Technology, Ghana. March, 2019.
26. Effect of Climate Change Farm Adaptation Measures on Yield and Income of Cocoa Farmers in the West Akim Municipal by Benjamin Agyekum Duah for MPhil Sustainable and Integrated Rural Development, Kwame Nkrumah University of Science and Technology, Ghana. October, 2018.
27. Economic analysis of saving behavior of tomato farmers in Ghana by Daniel Aidoo–Mensah for PhD. Agricultural Economics, Kwame Nkrumah University of Science and Technology, Ghana. November, 2017.
28. Factors influencing adoption of food safety technologies for vegetable production in urban and peri-urban Accra, Ghana by Gynadu Abubakar for MPhil. Agricultural Economics, Kwame Nkrumah University of Science and Technology, Ghana. May, 2017.

29. Organic and Conventional Cocoa Production in Ghana: Adoption, Technical Efficiency and Gender by Justice Djokoto for PhD. Agricultural Economics, Kwame Nkrumah University of Science and Technology, Ghana. March, 2017.

CONSULTANCY SERVICES/GRANTS

- February, 2017: **Co-consultant.** End of project evaluation of the Sorghum Value Chain Project; Commissioned by Concern Universal (Ghana) and Alliance for Green Revolution in Africa (AGRA).
- March, 2017: **Lead Consultant.** Promotion of Knowledge Exchange, Creation and Sharing Between Africa and Asia in Support of Africa’s Sustainable Development, funded by the African Development Bank Japan Trust Fund (“JTF”). United Nations University (UNU)’s project on "Education for Sustainable Development in Africa (ESDA)”.
- June, 2017: **Consultant (Agricultural Economist).** Impact Study of Root Capital’s Agricultural Enterprises that link Smallholder Farmers to Market in Ghana and Cote D’Ivoire (Project Period: April 2017 – December 2020). Commissioned by Participatory Development Associates (PDA).
- June, 2017: **Co-consultant.** Needs Assessment of Poultry Associations for The Ghana Poultry Project. Ghana Poultry Project (GPP), funded by the United States Department of Agriculture (USDA) and implemented by ACDI/VOCA and TechnoServe.
- November, 2019 **Consultant (Agricultural Economist).** Finalization of the Modules for Curriculum Implementation: Strengthening the capacity of four agricultural colleges in Ghana by CINOP commissioned by EP-NUFFIC-Hertogenbosch the Netherlands
- July, 2020: **Consultant (Agricultural Economist).** Ghana Fine Flavor Cocoa Project implemented by Optimal Change Partnership (local NGO) in Collaboration with Guittard Chocolate Company, California, USA.
- May, 2021 **Independent Consultant (Agricultural Economist).** Cost-Benefit Analysis and Preparation of Project Completion Report for the Six(6)-Year Ghana Engaging Local Communities in REDD+ Project funded by African Development Bank.
- May, 2021 **Co-Independent Consultant.** Making Advances to Eliminate Child Labor in More Areas with Sustainable Integrated Efforts (MATE MASIE) funded by Winrock International Institute for Agricultural Development.
- May, 2021 **Co-Principal Investigator.** Education for Sustainable Development in Africa (ESDA) Catalyst Small Grant Project - Review and Strengthening of ESDA Graduate Programmes in Sustainable and Integrated Rural Development (SIRDA) Zone funded by African Development Bank.
- January, 2022 **Team Member.** Centre for Applied Research and Innovation in Supply Chain - Africa (CARISCA), project, KNUST
- February, 2022 KNUST Representative, Research Pillar of the African Centre for Career Enhancement and Skills Support (ACCESS) project funded by German Academic Exchange Service (DAAD).
- Jan, 2023– Dec, 2025 **Team Member.** Case Study Development Team on Affordable Sustainability for LOGISTICS Networks in Ghana (ASONG) project, a collaboration between Technische Universität Berlin (TUB), Germany and Kwame Nkrumah University of Science and Technology.
- Nov, 2023 – Date **Team Member.** EU Erasmus+ CB-VET Project. Solutions for the Skills Demand and Supply Mismatch in the Agricultural Sector in Ghana with

July, 2024 - Date	Assistance of the Employment and Incubation Centre (EIC) and Vet Ecosystems for Employability In Ghana, 101129109 – Vet Ghana Monitoring and Evaluation Officer (Ghana) . Decision Support for Climate Risk Preparedness Towards Gender - Responsive Crop Insurance in West Africa (GRIN) - International Development Research Center (IDRC.CRDI) and UKAid Foreign, Commonwealth and Development Office funded project (June 2023 to Date).
July, 2025	Consultant . Global Innovation and Technology Demand Signaling Tools and Methods: A Systematic Literature Review for International Water Management Institute (IWMI), Battaramulla, Sri Lanka.
January, 2025-Date	KNUST Coordinator . African Collaborative Online International Learning (COIL) Programme on Climate Change and Sustainability Education (ACCLIMATISE), Centre for Education and Sustainable Development in Africa (CESDA), Kenyatta University, Kenya, in partnership with KNUST and an international consortium of African and European universities

TRAVEL GRANTS/AWARDS

1. Travel grant of US\$3,000.00 to attend the 30th International Conference of Agricultural Economists, organized by International Association of Agricultural Economists, from 28th July – 2nd August, 2018 at the Westin Bayshore Hotel, Vancouver, Canada.
2. Travel grant to fully participate in the 2019 AAEA Annual Meeting, Atlanta Marriot Marquis, Atlanta, Georgia, USA, from 21st-23rd July, 2019.
3. Travel grant of US\$1,500.00 to attend the 6th African Conference of Agricultural Economist, Sheraton Abuja Hotel, Abuja, Nigeria, from 23rd – 26th September, 2019.
4. Travel grant of US\$2,500.00 to attend the 32nd International Conference of Agricultural Economists, organized by International Association of Agricultural Economists, from 2nd – 7th August, 2024 in New Delhi, India.

SCHOLARLY ACTIVITIES, MEMBERSHIP OF PROFESSIONAL BODIES AND OTHER LEADERSHIP

<i>Reviewer:</i>	Scientific African (February, 2019 to Date).
<i>Reviewer:</i>	African Journal of Science, Technology, Innovation and Development (April, 2019 to Date).
<i>Reviewer:</i>	Financial Innovation (May, 2019 to Date).
<i>Reviewer:</i>	Agriculture and Food Security (December, 2016 to Date).
<i>Reviewer:</i>	WebPub Journal of Agricultural Research (June, 2013 to Date).
<i>Reviewer:</i>	Journal of Global Entrepreneurship Research (August, 2014 to Date).
<i>Reviewer:</i>	Journal of Agricultural Science and Technology (May, 2014 to Date).
<i>Reviewer:</i>	Agris on-line Papers in Economics and Informatics (May, 2014 to Date)
<i>Reviewer:</i>	African Educational Research Journal (January, 2019 to Date).
<i>Reviewer:</i>	Agricultural and Food Science Journal of Ghana (May, 2019 to Date)
<i>Reviewer:</i>	Central Inquiry which is the official academic journal for Central University, Ghana (December, 2016 to Date).
<i>Reviewer:</i>	30 th International Conference of Agricultural Economists organized by International Association of Agricultural Economists from 28 th July – 2 nd August, 2018 at the Westin Bayshore Hotel, Vancouver, Canada.
<i>Reviewer:</i>	6 th African Conference of Agricultural Economists organized by African

- Association of Agricultural Economists from 23rd – 26th September, 2019 at the Sheraton Abuja Hotel, Abuja, Nigeria.
- Reviewer:* 2020 Agricultural and Applied Economics Association (AAEA) Annual Meeting, which will take place on July 26-28 at the Kansas City Marriott Downtown in Missouri.
- Reviewer:* International Review of Applied Economics
- Reviewer:* Ghana Journal of Horticulture
- Reviewer:* Technology in Society (September, 2020 to Date)
- Reviewer:* African Journal of Science, Technology, Innovation and Development (September, 2020 to Date)
- Reviewer:* African Development Review (September, 2020 to Date)
- Reviewer:* World Journal of Science, Technology and Sustainable Development (December, 2020)
- Reviewer:* Economia agro-alimentare (February, 2021 to Date)
- Reviewer:* Agriculture and Human Values (June, 2021 to Date)
- Reviewer:* Review of Development Economics (May, 2022)
- Reviewer:* Cogent Economics and Finance (December, 2022 to Date)
- Reviewer:* Journal of Agribusiness in Developing and Emerging Economies (August, 2022 to Date)
- Reviewer:* Cogent Business & Management (January, 2023 to Date)
- Reviewer:* Sustainability (August, 2022 to Date)
- Reviewer:* Cogent Food and Agriculture (November, 2022 to Date)
- Reviewer:* Sustainable Futures (August, 2022 to Date)
- Reviewer:* Environment, Development and Sustainability (October, 2022 to Date)
- Reviewer:* GeoJournal (July, 2022 to Date)
- Reviewer:* Sage Open (July, 2022 to Date)
- Reviewer:* Journal of Energy and Natural Resource Management (December, 2022 to Date)
- Reviewer:* Journal of Economic Structures (May, 2022 to Date)
- Reviewer:* Agriculture, Ecosystems and Environment (January, 2023 to Date)
- Editorial Board Member:* African Journal of Agricultural and Resource Economics (AFJARE), Official Journal of African Association of Agricultural Economists (July, 2020 to Date).
- Associate Editor:* Heliyon - Rural Development Section – Elsevier (February, 2023 to Date)
- Co-Editor:* African Journal of Agricultural and Resource Economics (AfJARE) (December, 2023 to 2025)
- Regional Managing Editor (Africa):* International Food and Agribusiness Management Review (IFAMR)
- Member:* Ghana Association of Agricultural Economists (GAAE) (July, 2017 to Date)
- Member:* African Association of Agricultural Economists (AAAE) (July, 2016 to Date)
- Member:* International Association of Agricultural Economists (IAAE) (July, 2016 to Date)
- Member:* Agricultural and Applied Economics Association (AAEA) (July, 2016 to Date)
- Member:* University Teachers Association of Ghana (UTAG) (July, 2016 to Date)
- Fellow:* Africa Research and Impact Network (ARIN) (September, 2020 to date)
- Diocesan Youth Secretary:* Catholic Diocese of Sunyani, Ghana, West-Africa (2011 – 2015)
- Facilitator:* New Integrated Catholic Youth Formation Programme (NICYFOP), Catholic Diocese of Sunyani, Ghana, West-Africa *Diocesan Assistant*
- Youth Secretary/ Financial Secretary:* Catholic Diocese of Sunyani, Ghana, West-Africa (2009 – 2011)
- Junior Grand Knight:* Junior Knights and Ladies of Marshall, Our Lady of Fatima Catholic Church,

Wenchi-B/A (2007 – 2010)
Financial Secretary: St. James Old Boys Association, Kwame Nkrumah University of Science and
Technology (KNUST) Branch (2003 – 2005)

REFEREED JOURNAL PUBLICATIONS

1. **Wongnaa, C.A** and Seyram, Z.K.A. (2014). Factors influencing polytechnic students' decision to graduate as entrepreneurs. *Journal of Global Entrepreneurship Research*, 2014 2:2.
2. **Wongnaa, C.A** and Ofori, D. (2012). Resource-use Efficiency in Cashew Production in Wenchi Municipality, Ghana. *Agris on-line Papers in Economics and Informatics*. Vol 4. Pp73-80
3. **Wongnaa, C.A.** (2013). Analysis of Factors Affecting the Production of Cashew in Wenchi Municipality, Ghana. *Journal of Agricultural Sciences*, Vol 8, no.1, pp 8-16
4. **Wongnaa, C. A.** and Awunyo-Vitor, D. (2013). Factors Affecting Loan Repayment Performance among Yam Farmers in the Sene District, Ghana. *Agris on-line Papers in Economics and Informatics Journal*, Vol 5 Pp111-122.
5. **Wongnaa, C. A.** and Awunyo-Vitor, D. (2013). Profitability Analysis of Cashew Production in Ghana. *Botswana Journal of Agriculture and Applied Sciences*, Volume 9, Issue 1, pp21-31.
6. Opoku-Mensah, S., Agbekporu, H. and **Wongnaa C. A.** (2014). Economic Returns of Gari Processing Enterprises in the Mampong Municipality, Ghana. *International Journal of Agriculture Innovations and Research*, Volume 2, Issue 4.
7. Zu, K. S. A., **Wongnaa, C. A.** and Appiah, F. (2014). Vegetable Handling, Distribution, and Wholesale Profitability in “Abinchi” Night Market, Kumasi-Ghana. *Journal of Postharvest Technology*, 02 (01): 096-106, January’ 2014 www.jpht.info.
8. **Wongnaa C.A.**, Dwomoh, G., Owusu, E.E., Pinkrah, S.B., and Antwi, A. (2014). Customer Service in Rural Banks in Ghana: The Case of Bosomtwe Rural Banks in the Ashanti Region, Ghana. *International Journal of Academic Research in Business and Social Sciences*, Vol. 4, No.
9. **Wongnaa, C.A.**, Opoku-Mensah, S., Ayogyam, A., Asare-Kyire, L., Zu, K.S.A. (2014). Economics of Tomato Marketing in Ashanti Region, Ghana. *Russian Journal of Agricultural and Socio-Economic Sciences*, 2(26).
10. Awunyo-Vitor, D., **Wongnaa, C.A.** and Aidoo, R. (2016). Resource use efficiency among maize farmers in Ghana. *Agriculture & Food Security*, 5(1), p.28.
11. **Wongnaa, C. A.**, Awunyo-Vitor, D., & Bakang, J. E. A. (2018). Factors affecting adoption of Maize production technologies: A study in Ghana. *Journal of Agricultural Sciences-Sri Lanka*, 13(1), 81-99.
12. **Wongnaa, C. A.**, & Awunyo-Vitor, D. (2018). Achieving sustainable development goals on no poverty and zero hunger: Does technical efficiency of Ghana’s maize farmers matter? *Agriculture & Food Security*, 7(1), 71.
13. **Wongnaa, C.A** and Boachie, W.K. (2018). Perception and adoption of competency-based training by academics in Ghana. *International Journal of STEM Education*, 5:52. <https://doi.org/10.1186/s40594-018-0148-x>
14. **Wongnaa, C.A.** and Awunyo-Vitor, D. (2019). Scale efficiency of maize farmers in four agro ecological zones of Ghana: A parametric approach. *Journal of the Saudi Society of Agricultural Sciences*, 18(3):275-287.
15. **Wongnaa, C.A.**, Adams, F., Bannor, R.K., Awunyo-Vitor, D., Mahama, I., Osei, B.A., Owusu-Ansah, Y. and Ackon, A. (2019). Job creation and improved consumer health through commercialisation of tiger nut yoghurt: a willingness to pay analysis. *Journal of Global Entrepreneurship Research*, 9(1):4. <https://doi.org/10.1186/s40497-018-0139-x>
16. **Wongnaa, C. A.**, Akuriba, M. A., Ebenezer, A., Danquah, K. S., & Ofori, D. A. (2019). Profitability and constraints to urban exotic vegetable production systems in the Kumasi metropolis of Ghana: a recipe for job creation. *Journal of Global Entrepreneurship Research*, 9(1):33.

17. Adongo, W.A., Collins Kwabena Osei, C.K. and **Wongnaa, C.A.** (2019). Contribution of Non-Timber Forest Products to Rural Household Income in Kassena-Nankana West District of Ghana. *Forest Products Journal*, Vol. 69, No. 3, pp. 217-227.
18. Bannor, R., Oppong-Kyeremeh, H., Atewene, S. and **Wongnaa, C.A** (2019), "Influence of non-price incentives on the choice of cocoa licensed buying companies by farmers in the Western North of Ghana", *Journal of Agribusiness in Developing and Emerging Economies*, Vol. 9 No. 4, pp. 402-418.
19. Adams, F., Amankwah, K., **Wongnaa, C. A.**, Honny, E. P., Peters, D. K., Asamoah, B. J., & Coffie, B. B. (2019). Financial analysis of small-scale mango chips processing in Ghana. *Cogent Food & Agriculture*, 5(1), 1679701.
20. **Wongnaa, C.A.**, Awunyo-Vitor, D., Mensah A., and Adams, F. (2019). Profit Efficiency Among Maize Farmers and Implications for Poverty Alleviation and Food Security in Ghana. *Scientific African*. doi: <https://doi.org/10.1016/j.sciaf.2019.e00206>.
21. Nti, E. K., **Wongnaa, C. A.**, Edusah, N. S. E., & Bakang, J. E. A. (2020). Assessment of the sustainability of community-managed water supply services in Ghana. *Environment, Development and Sustainability*, 22(7), 7097-7120.
22. Bannor, R. K., Kumar, G. A. K., Oppong-Kyeremeh, H., & **Wongnaa, C. A.** (2020). Adoption and Impact of Modern Rice Varieties on Poverty in Eastern India. *Rice Science*, 27(1), 56-66.
23. **Wongnaa, C.A.** and Babu S. (2020). Building Resilience to Shocks of Climate Change in Ghana's Cocoa Production and its effect on Productivity and Incomes. *Technology in Society*, Vol 62. <https://doi.org/10.1016/j.techsoc.2020.101288>
24. Mubarak, I., Aidoo, R. and **Wongnaa, C.A.** (2020). Participation in UTZ-RA voluntary cocoa certification scheme and its impact on Smallholder Welfare: Evidence from Ghana. *World Development Perspectives*, Vol 20. <https://doi.org/10.1016/j.wdp.2020.100244>.
25. Adams, F., **Wongnaa, C.A.** and Coleman, E. (2020), "Profitability and choice of marketing outlets: evidence from Ghana's tomato production", *Journal of Agribusiness in Developing and Emerging Economies*, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/JADEE-06-2019-0090>
26. Al-Zabir, A., **Wongnaa, C. A.**, Islam, M. A., & Mozahid, M. N. (2020). Food security status of farming households in Bangladesh: A comparison of recipients and non-receivers of institutional support. *African Journal of Science, Technology, Innovation and Development*, 1-14.
27. Asodina, F.A., Adams, F., Nimoh, F., Weyori, E.A., **Wongnaa, C.A.**, Bakang, J.E.A. (2020). Are non-market benefits of soybean production significant? An extended economic analysis of smallholder soybean farming in Upper West region of northern Ghana. *Agriculture & Food Security*. <https://doi.org/10.1186/s40066-020-00265-7>.
28. Nti, E. K., **Wongnaa, C. A.**, Edusah, N. S. E., Bakang, J. E. A., & Kyei, V. B. (2020). Service constraints and willingness to pay in community-managed water supply services in Ghana. *World Journal of Entrepreneurship, Management and Sustainable Development*.
29. Sissoko, M. D. D., Ohene-Yankyera, K., & **Wongnaa, C. A.** (2021). Profitability and technical efficiency of rice farms using traditional and improved milling machines: Evidence from Mali. *African Journal of Science, Technology, Innovation and Development*, 14(5), 1400-1412.
30. **Wongnaa, C. A.**, Kyei, A. B., Apike, I. A., Awunyo-Vitor, D., & Dziwornu, R. K. (2021). Perception and adoption of artificial pollination technology in cocoa production: Evidence from Ghana. *African Journal of Science, Technology, Innovation and Development*, 14(6), 1642-1654.
31. Mensah, A., Asiamah, M., Wongnaa, C. A., Adams, F., Etuah, S., Gaveh, E., & Appiah, P. (2021). Adoption impact of maize seed technology on farm profitability: evidence from Ghana. *Journal of Agribusiness in Developing and Emerging Economies*, 11(5), 578-598.
32. Jagri Binpori, R., Awunyo-Vitor, D., & **Wongnaa, C. A.** (2021). Does contract farming improve rice farmers' food security? Empirical evidence from Ghana. *World Journal of Science, Technology and Sustainable Development*, 18(2), 130-149.

33. Asodina, F.A., Adams, F., Nimoh, F., **Wongnaa**, C.A., Aidoo, R. and Kwasi Ohene-Yankyera. (2021). Improving Soya Bean Productivity for Poverty Alleviation and Food Security in Ghana: A Resource Use Efficiency Analysis". *Caraka Tani: Journal of Sustainable Agriculture*.
34. Adams, F., Ohene-Yankyera, K., Aidoo, R., & **Wongnaa**, C. A. (2021). Economic benefits of livestock management in Ghana. *Agricultural and Food Economics*, 9(1), 1-17.
35. **Wongnaa**, C. A., Bakang, J. E. A., Asiamah, M., Appiah, P., & Asibey, J. K. (2021). Adoption and compliance with Council for Scientific and Industrial Research recommended maize production practices in Ashanti region, Ghana. *World Journal of Science, Technology and Sustainable Development*, 18(4), 438-456.
36. **Wongnaa**, C. A., Apike, I. A., Babu, S., Awunyo-Vitor, D., & Kyei, A. B. (2021). The impact of adoption of artificial pollination technology in cocoa production: Evidence from Ghana. *Journal of Agriculture and Food Research*, 100208. 6:1-10
37. Nti, E. K., **Wongnaa**, C. A., Edusah, N. S. E., Awunyo-Vitor, D., & Kyei, V. B. (2021). Towards Financial Sustainability: Beneficiaries' Perception and Performance of Community Water Supply Services in Ghana. *Challenges in Sustainability*, 9(1), 45-58.
38. Wongnaa, C. A., Adams, F., Tempia, N. P., Benjamin, A. B., Charles, B. N. Y., & Sandra, G. (2021). Revamping Ghana's coffee production: smallholder perceptions, viability and constraints. *Thai Journal of Agricultural Science*, 54(3), 178-197.
39. Acheampong, P. P., Addison, M., & **Wongnaa**, C. A. (2021). Assessment of impact of adoption of improved cassava varieties on yields in Ghana: An endogenous switching approach. *Cogent Economics & Finance*, 10(1), 2008587.
40. Addison, M., Ohene-Yankyera, K., Acheampong, P. P., & **Wongnaa**, C. A. (2022). The impact of uptake of selected agricultural technologies on rice farmers' income distribution in Ghana. *Agriculture & Food Security*, 11(1), 1-16.
41. **Wongnaa**, C.A., Bannor, R.K., Dziwornu, R.K., Ennin, J.A., Osei, E.A., Adzikah, C. and Arther, C. (2022). Structure, Conduct and Performance of Onion Market in Southern Ghana. *Caraka Tani: Journal of Sustainable Agriculture*, 37 (1), 71-88.
42. **Wongnaa**, C. A., Jelilu, F., Apike, I. A., Djokoto, J. G., & Awunyo-Vitor, D. (2022). Effect of hybrid cocoa seedlings adoption on profit efficiency in Ghana. *Sustainable Futures*, 100074.
43. Kudzinawo, C., Awunyo-Vitor, D., & **Wongnaa**, C. A. (2022). Empirical examination of financial and economic viability of Moringa oleifera production in the Bono East Region, Ghana. *Forests, Trees and Livelihoods*, 31(4), 216-229.
44. **Wongnaa**, C. A., Abudu, A., Abdul-Rahaman, A., Ennin, J. A., & Awunyo-Vitor, D. (2022). Awareness and participation in input credit scheme: evidence from smallholder rice farmers in Ghana's North East region. *Journal of Enterprising Communities: People and Places in the Global Economy*, (ahead-of-print).
45. **Wongnaa**, C. A., Nyarko, M., Addison, M., & Awunyo-Vitor, D. (2022). Viability of artisanal timber milling: cases from Ghana. *Journal of Enterprising Communities: People and Places in the Global Economy*, 16(2), 278-298.
46. Amengor, N. E., Awunyo-Vitor, D., Owusu Asante, B., & **Wongnaa**, C. A. (2022). Awareness and adoption of drought tolerant Maize in Guinea Savanna and Forest-Savanna Transition zone in Ghana. *Cogent Food & Agriculture*, 8(1), 2147476.
47. Abokyi, E., Asante, B. O., & **Wongnaa**, C. A. (2022). Women's role of caregiving for under-five children: Implications for dietary diversity and food security in Ghana. *Cogent Food & Agriculture*, 9(1), 2153415.
48. Owiredu, P., **Wongnaa**, C. A., Acheampong, P. P., Addison, M., Adu, K. A., & Awunyo-Vitor, D. (2022). Farmer Business School participation and its impact on cocoa productivity and food security in Ghana. *Journal of Agribusiness in Developing and Emerging Economies*, (ahead-of-print).

49. Amponsah, D., Awunyo-Vitor, D., **Wongnaa**, C. A., Prah, S., Sunday, O. A., & Acheampong, P. P. (2022). The impact of women groundnut farmers' participation in Village Savings and Loans Association (VSLA) in Northern Ghana. *Journal of Agriculture and Food Research*, 100481.
50. Zabir, A. A., **Wongnaa**, C. A., Shan, T. B., Bhuiyan, M. M., Tanha, R. Z., Akter, O., ... & Islam, M. (2022). People's Perception towards COVID-19 Delta Variant in Bangladesh. *Asian Journal of Research in Infectious Diseases*, 11(4), 60-71.
51. Ntow, T. K., **Wongnaa**, C. A., Nyadu-Addo, R., Addison, M., Awunyo-Vitor, D., & Abokyi, E. (2023). Effects of Entrepreneurial Behaviour on Market Outlets Choice: Evidence from Rice producers in Ashanti Region, Ghana. *Sustainable Technology and Entrepreneurship*, 100037.
52. Addison, M., Anyomi, B. K., Acheampong, P. P., **Wongnaa**, C. A., & Amaning, T. K. (2023). Key drivers of adoption intensity of selected improved rice technologies in rural Ghana. *Scientific African*, e01544.
53. **Wongnaa**, C. A., Ankomah, E. D., Ojo, T. O., Abokyi, E., Sienso, G., & Awunyo-Vitor, D. (2023). Valuing postharvest losses among tomato smallholder farmers: evidence from Ghana. *Cogent Food & Agriculture*, 9(1), 2187183.
54. Djokoto, J. G., & **Wongnaa**, C. A. (2023). Does the Level of Development Distinguish the Impacts of Foreign Direct Investment on the stages of Human Development?. *Sustainable Futures*, 100111.
55. Wongnaa, C. A., Dziwornu, R. K., Francis, P. K., Akutinga, S., Robert, T., Lawal, S., & Abdul-Hashim, A. (2022). Perception and usage militating factors of hybrid maize seed: evidence from Ghana. *Thai Journal of Agricultural Science*, 55(4), 227-240.
56. Boansi, D., Owusu, V., Tham-Agyekum, E. K., Wongnaa, C. A., Frimpong, J. A., & Bukari, K. N. (2023). Responding to harvest failure: Understanding farmers coping strategies in the semi-arid Northern Ghana. *Plos one*, 18(4), e0284328.
57. **Wongnaa**, C. A., Mbroh, J., Mabe, F. N., Abokyi, E., Debrah, R., Dzaka, E., ... & Poku, F. A. (2023). Profitability and choice of commercially prepared feed and farmers' own prepared feed among poultry producers in Ghana. *Journal of Agriculture and Food Research*, 12, 100611.
58. Baajere, J., Abdul-Rahaman, A., **Wongnaa**, C. A., Amfo, B., Issahaku, G., Damba, O. T., & Abdulai, A. M. (2023). Organization and performance of chicken egg marketing in Northern Ghana. *Journal of Agriculture and Food Research*, 100633.
59. **Wongnaa**, C. A., Sienso, G., Afful-Kwadam, K., & Prah, S. (2023). Welfare impacts of Commercialization of Rabbit Production in Ghana. *Cleaner and Circular Bioeconomy*, 100049.
60. Nti, E. K., Kranjac-Berisavljevic, G., Doke, D. A., **Wongnaa**, C. A., Attafuah, E. E., & Gyan, M. A. (2023). The impact of artisanal gold mining on the sustainability of Ghana's river basins: The case of the Pra basin. *Environmental and Sustainability Indicators*, 100264
61. Akudugu, M. A., Nkegbe, P. K., **Wongnaa**, C. A., & Millar, K. K. (2023). Technology adoption behaviors of farmers during crises: What are the key factors to consider?. *Journal of Agriculture and Food Research*, 14, 100694.
62. **Wongnaa**, C. A., Afful-Kwadam, K., Asempah, M. K., Hagan, M. A. S., & Awunyo-Vitor, D. (2023). Is it profitable and viable to invest in commercialization of rabbit production? Implication on Rural Enterprise Development. *Sustainable Technology and Entrepreneurship*, 100048.
63. **Wongnaa**, C. A., Abudu, A., Abdul-Rahaman, A., Akey, E. A., & Prah, S. (2023). Input credit scheme, farm productivity and food security nexus among smallholder rice farmers: evidence from North East Ghana. *Agricultural Finance Review*.
64. Tham-Agyekum, E. K., Boansi, D., **Wongnaa**, C. A., Ankuyi, F., Awunyo-Vitor, D., Andivi Bakang, J. E., & Acheampong, A. O. (2023). A gender differential analysis of determinants of pesticide application in cocoa system farming of Ghana. *Cogent Social Sciences*, 9(2), 2256512.
65. Djokoto, J. G., Pomeyie, P., & **Wongnaa**, C. A. (2023). Foreign direct investment in food manufacturing and stages of human development. *Cogent Economics & Finance*, 11(2), 2267738.

66. **Wongnaa**, C. A., Ansah, R. O., Akutinga, S., Azumah, S. B., Acheampong, R., Nana, S. Y., ... & Awunyo-Vitor, D. (2023). Profitability, market outlets and constraints to Ghana's pig production. *Cleaner and Circular Bioeconomy*, 100068.
67. Mabe, F. N., Issifu, S., & **Wongnaa**, C. A. (2023). Farmers' coping strategies to artisanal small-scale mining activities: welfare improvement or deterioration in Asutifi North District of Ghana?. *Journal of Economics and Development*.
68. **Wongnaa**, C. A., Kudzinawu, C., Nti, E. K., & Babu, S. (2023). Does participation in mining activities affect the profitability of food crops production? Evidence from Ghana. *Mineral Economics*, 1-16.
69. Tham-Agyekum, E. K., **Wongnaa**, C. A., Kwapong, N. A., Boansi, D., Ankuyi, F., Prah, S., ... & Laten, E. (2023). Impact of children's appropriate work participation in cocoa farms on household welfare: Evidence from Ghana. *Journal of Agriculture and Food Research*, 100901.
70. Asempah, M. K., **Wongnaa**, C. A., Boansi, D., Abokyi, E., & Mensah, N. O. (2023). Why cassava processors will patronize mechanized cassava peeling machine service. *Italian Review of Agricultural Economics*, 78(2), 79-96.
71. Acheampong, P. P., Addison, M., **Wongnaa**, C. A., Baafi, E., & Opoku, M. (2023). Assessment of impacts of adoption of improved sweetpotato varieties in Ghana: accounting for differences in male and female farmers. *Gender, Technology and Development*, 1-24.
72. **Wongnaa**, C. A., Prah, S., Austin, S. A., Amponsah, E. A., Achina, C., Ekow, D. A., ... & Kwaku, S. T. (2024). Consumption patterns of organic vegetable consumers in Ghana. *Cleaner and Responsible Consumption*, 100159.
73. **Wongnaa**, C. A., Nti, E. K., Acheampong, P. P., Bannor, R. K., Prah, S., & Babu, S. (2024). Towards Sustainable Food Crop Production: Drivers of Shift from Crop Production to Mining Activities in Ghana's Arable Lands. *Environmental Challenges*, 100835.
74. Apike, I. A., Osei Mensah, J., Aidoo, R., **Wongnaa**, C. A., & Boakye Appiah, G. (2024). Structure of imported chicken market and willingness of distributors to accept domestically produced and processed chicken: evidence from Ghana. *Cogent Food & Agriculture*, 10(1), 2296121.
75. Ogunleye, Ayodeji; Akinloye, Mercy; Kehinde, Ayodeji; Ajayi, Oluseyi; **Wongnaa**, Camillus Abawiera. (2024). Impacts of Credit Constraints on Adoption of Risk Management Strategies and Income of Maize Farmers in Northern Nigeria. *Agricultural Finance Review*
76. **Wongnaa**, C. A., Apike, I. A., Aryee, M. A., Hagan, M. A. S., & Awunyo-Vitor, D. (2024). Fresh or Dry Maize or Both: Which is most Economical and preferred by Farmers?. *Journal of Agriculture and Food Research*, 101158.
77. Asante, B., Ameyaw, I., **Wongnaa**, C., & Aidoo, R. (2024). Profit Efficiency of Integrated Crop-Livestock Production Systems in the Transitional belt of Ghana. *Ghana Journal of Agricultural Science*, 59(1), 1-19.
78. **Wongnaa**, C. A., Seyram, A. A., & Babu, S. (2024). A systematic review of climate change impacts, adaptation strategies, and policy development in West Africa. *Regional Sustainability*, 5(2), 100137.
79. Bakang, J. E. A., **Wongnaa**, C. A., Tham-Agyekum, E. K., Fatimatu, S., Obeng, J. A., Nsafoah, E. B., & Antwi, M. A. (2024). Determinants of maize farmers willingness to pay for private extension services in Ejisu municipality, Ghana. *Heliyon*, 10(17).
80. **Wongnaa**, C. A., Tuffour, T., Asante, B. O., Adabah, R., & Agoalikum, P. (2024). Unlocking the potential of biofortified crops: economic determinants of orange flesh sweet potato adoption among smallholder farmers in Ghana. *Cogent Food & Agriculture*, 10(1), 2415390.
81. **Wongnaa**, C. A., Addai, P., Quainoo, P., Ohene-Yankyera, K., Tham-Agyekum, K. E., & Awunyo-Vitor, D. (2024). Unlocking sustainable partnerships: exploring the willingness of oil palm producers to engage in contract farming initiatives. *International Journal of Social Economics*.

82. **Wongnaa, C. A.,** Frederick, O. T., Alhassan, H., Akua, O. A. N., & Adu, C. N. D. (2024). The impact of use of climate information services on smallholder welfare: Evidence from the hub of cashew production in Ghana. *Climate Services*, 36, 100525.
83. Fadairo, O. S., **Wongnaa, C. A.,** Sulemana, N., Yiran, G. A. B., Mabe, F. N., & Yussif, K. (2024). Higher education and COVID-19 pandemic: Case study of the Sustainable Integrated Rural Development in Africa (SIRDA) programme. *The Nigerian Journal of Rural Extension and Development*, 16(1).
84. Tham-Agyekum, E. K., Prah, S., **Wongnaa, C. A.,** Boansi, D., & Bakang, J. E. A. (2024). Modelling the Record Keeping Behaviour of Cocoa Farmers in Ghana. *Information Development*, 02666669251326954.
85. Ogunleye, A., Olude, D., Kehinde, A., Tanimonure, V., **Wongnaa, C. A.,** & Ajayi, O. (2025). Impact of credit constraints on adoption of biofortified food crop among farming households in Nigeria. *Sustainable Futures*, 9, 100421.
86. Prah, S., Asante, B. O., Dagbatsa, G. H., **Wongnaa, C. A.,** Etuah, S., & Ng'ombe, J. N. (2025). Modeling the impact of input credit access on farm performance and food nutrition: insights from smallholder rice farmers in Ghana. *Journal of Agribusiness in Developing and Emerging Economies*, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/JADEE-03-2024-0105>
87. Badu, M., Hagan, M. A. S., **Wongnaa, C. A.,** Kudzinawo, C., & Awunyo-Vitor, D. (2025). Factors influencing the shift from cocoa to rubber production in Wasa Amenfi Central District in the Western region of Ghana. *Forest Policy and Economics*, 178, 103568.
88. **Wongnaa, C. A.,** Addai, P., Narh, E., & Awunyo-Vitor, D. (2026). Unlocking the potential of contract farming: a dynamic exploration of mutual benefits for agribusiness enterprises and farmers in Ghana. *Journal of Enterprising Communities: People and Places in the Global Economy*, 20(2), 449-476.
89. Al Zabir, A. **Wongnaa, C.A.** (2025). Community Driven Climate Change Adaptation Strategies in Ephemeral Wetlands of Northeastern Bangladesh. *Discover Environment*.
90. Akuriba, G. A., Awunyo-Vitor, D., **Wongnaa, C. A.,** Owusu-Afriyie, R., Hagan, M. A. S., & Sarfo, B. (2025). Perceived risk factors and their influence on compliance with meat safety guidelines among butchers and fresh meat retailers in Ghana. *Dialogues in Health*, 100250.
91. Akuriba, G. A., Awunyo-Vitor, D., **Wongnaa, C. A.,** Owusu-Afriyie, R., Hagan, M. A. S., & Antwi, D. K. (2026). Assessment of Food Safety Knowledge, Attitudes, and Practices (KAPs) among Butchers and Fresh Meat Retailers in Ghana. *Food Ethics*, 11(1), 5.
92. **Wongnaa, C. A.,** Asempah, M. K., Akudugu, M. A., Abokyi, E., & Awunyo-Vitor, D. (2025). Financial and economic viability of cassava peeling technology and constraints to adoption in Ghana. *African Journal of Science, Technology, Innovation and Development*, 1-15.
93. **Wongnaa, C. A.,** Tawiah, F. O., Ogunleye, A. S., Prah, S., Ampomah, M. A., Akweley, G. A., & Gyekye, A. (2026). Impact of adoption of Integrated Soil Fertility Management on household welfare: evidence from tomato farmers in Ghana. *Agricultural and Resource Economics Review*, 1-28.
94. Acheampong, P. P., Ewool, M. B., Addison, M., Ribeiro, P. F., **Wongnaa, C. A.,** Oppong, A., ... & Adabah, R. (2026). Evaluating the market potential of biofortified maize seed among Ghana's forest transition zone farmers. *Discover Agriculture*, 4(1), 21.
95. Akuriba, G. A., Awunyo-Vitor, D., **Wongnaa, C. A.,** Owusu-Afriyie, R., Hagan, M. A. S., Akuriba, M.A. (2026). Compliance with Meat Safety Guidelines among Butchers and Fresh Meat Retailers in Ghana: Assessing Adherence Levels and Influencing Factors. *Food Ethics*.
96. **Wongnaa, C. A.,** Babu, S., & Awunyo-Vitor, D. (2026). Political Economy of Planting for Food and Jobs Input Subsidy Policy Process in Ghana: An Application of the Kaleidoscope Model. *Cleaner and Circular Bioeconomy*, 100217.

97. **Wongnaa, C. A., Prah, S., Agoalikum, P., & Sienso, G. (2026).** Does farm diversification enhance food and livelihood security? Evidence from smallholder cocoa farmers in Ghana. Accepted for publication in *Food and Energy Security*.
98. **Wongnaa, C. A., Yiran, G. A., Sulemana, N., Mabe, F. N., Fadairo, O., & Yussif, K. (2026).** Contribution of sustainable and integrated rural development programmes to personal and professional growth: Graduates' perspective. *Social Sciences & Humanities Open, 13*, 102809.
99. Krumbe, F., **Wongnaa, C. A., & Feuerbacher, A. (2026).** Small midges, major consequences: Partial declines in cocoa pollination and their economic impact in West Africa and beyond. Accepted for publication in *Agricultural Economics*.
100. Addison, M., Osei-Wusu Adjei, P., **Wongnaa, C. A., Wadei, B., Oblitei Tetteh, R., & Opoku, N. (2026).** Unequal Fields: Gender Access to Agricultural Resources and Inclusive Development in Ghana. *Social Sciences & Humanities Open*
101. **Wongnaa, C. A., Laten, E., & Babu, S. (2026).** Does adoption of organic vegetable farming really improve the welfare of vegetable farmers? Evidence from Ghana. Accepted for publication in *Journal of Environmental Economics and Policy*.
102. Akuriba, G., **Wongnaa, C. A., Owusu-Afriyie, R., Hagan, M., Akuriba, M., & Awunyo-Vitor, D. (2026).** Consumer satisfaction with current safety standards of fresh meat products and willingness to pay for certified safety-assured meat in Ghana. Accepted for publication in *Journal of Agribusiness in Developing and Emerging Economies*
103. Al Zahir, A., Baten, M. A., Alam, M., & **Wongnaa, C. A. (2026).** Household livelihood vulnerability in climate-sensitive wetland communities of North-Eastern Bangladesh. Accepted for publication in *Sustainability Analytics and Modeling*.

BOOK CHAPTERS

1. Obirikorang, K. A., **Wongnaa, C. A., Nkrumah, E. E., & Ansong, M. (2018).** Uneven Development: Urban and Industrial Growth and its Environmental Implications for Rural and Urban Communities in Ghana. *Rural-Urban Linkages and Sustainable Development in Africa, 39*.
2. **Wongnaa, C.A., Ansong, M., Obirikorang, K.A, Nkrumah, E.E. and Arhin, A. (2020).** Contribution of Non-Timber Forest Products to Rural and Urban Incomes in Ghana: in *Rural-Urban Linkages and Sustainable Development 1*, 101-118

TOPICS OF PAPERS CURRENTLY UNDER REVIEW WITH REFEREED JOURNALS

1. Stakeholder's satisfaction of corporate social projects: Implications for jatropha plantation expansion in Ghana. Under review at *Next Research*.
2. Unlocking Economic Potential: Maximizing Profits through Innovative Soil Fertility Management in Ghana's Tomato Sector. Under review at *Renewable Agriculture and Food Systems*.
3. Coping with Climate Change: How are Rural Farmers in Coastal Areas of Ghana Diversifying Household Income? Under review at *Climate Resilience and Sustainability*.
4. Does the practice of off-season tomato production affect income of farmers? An empirical study in Ada West District, Ghana Under review at *Food and Humanity*.
5. Impact of Access to Land on the Household Welfare of Cocoa Farmers: Empirical Evidence from Ghana. Under review at *Open Agriculture*.
6. Assessing the Adoption of Drought Tolerant Maize and its Impact on the Food Security Status of Smallholder Farmers in Ghana. Under review at *Scientific African*.
7. The Roles of Farmer Field Schools (FFS) and Farmer Business Schools (FBS) in Sustainable Agricultural Production: A Systematic Literature Review (2010-2023). Under review at *Heliyon*.
8. Grassroots Impact: How Indigenous Organizations Can Improve the Welfare of Cocoa Farmers in Ghana. Under review at *Journal of Social and Economic Development*.

9. Determinants of Rabbit Commercialization Among Smallholder Farmers: Implications for Agribusiness Development. Under review at *Next Research*.
10. Impact of Production Credit Accessibility on Technical Efficiency and Food Security among Small-Scale Female Gari Processors in Ghana. Under review at *Journal of Economic Structures*.
11. Factors Influencing the Extent of Crop Diversification Among Smallholder Cocoa Farmers in Ghana. Under review at *Journal of Risk and Insurance*.
12. Determinants of Farmers' Willingness to Pay for Agricultural Insurance in Northern Ghana: Insights for Financial Risk Management. Under review at *Agricultural Finance Review*
13. Do Agricultural Interventions Improve Smallholder Welfare? Evidence from COCOBOD's Mass Pruning Programme in Ghana. Under review at *Agricultural and Resource Economics Review*.
14. Contribution of Sustainable and Integrated Rural Development programmes to personal and professional growth: Graduates' Perspective. Under review at *Social Sciences & Humanities Open*.
15. Small Midges, Major Consequences: Partial Declines in Cocoa Pollination and Their Economic Impact in West Africa and Beyond. Under review at *Agricultural Economics*.
16. Determinants of the Decision to Pursue Agricultural College Education in Ghana. Under review at *International Journal of Educational Development*.
17. Determinants of Self-employment in Agribusiness among Ghanaian Agricultural-College Graduates. Under review at *Education + Training*.
18. From Information to Action: How Climate Services Influence Adaptation Strategies among Smallholder Cashew Farmers in Ghana. Under review at *Climate Risk Management*.
19. Do Context-Specific Fertilizer Blends Improve Household Food Security? Evidence from Ghana's Planting for Food and Jobs Programme. Under review at *Urban Agriculture and Regional Food Systems*.
20. Participation in Cotton Production and its Impact on Smallholder Welfare: Evidence from Zambia. Under review at *Journal of International Development*.
21. Global Innovation and Technology Demand Signaling Tools and Methods: A Systematic Literature Review. Under review at *Development Studies Research*.
22. Assessing the Adoption of Drought-Tolerant Maize and its Impact on the Food Security Status of Smallholder Farmers in Ghana. Under review at *Food Security*.
23. Meta-Frontier Analysis of Profit Efficiency of Drought-Tolerant Maize Adoption Among Smallholder Farmers in Guinea Savanna and Forest-Transition Agro-ecologies in Ghana. Under review at *Plant-Environment Interactions*.
24. Impact of Protein-Based Fruit Fly Control on Mango Production and Household Food Security in Ghana. Under review at *Journal of Agribusiness in Developing and Emerging Economies*.
25. Beyond Economics: A Systematic Review of How Culture Shapes Inequality in West Africa. Under review at *Women's Studies International Forum*.
26. Beyond Yields: Do Improved Rice Varieties Enhance Smallholder Welfare? Evidence from Ghana. Under review at *Food and Energy Security*.
27. Drivers of Adoption and Application Intensity of New Fertilizer Blends among Smallholder Farmers in Ghana. Under review at *The Scientific World Journal*.
28. Digital Payment Transformation in Agricultural Value Chains: Cocoa Farmers' Adoption of Mobile Money Through Licensed Buying Companies in Ghana. Under review at *The Electronic Journal of Information Systems in Developing Countries*.
29. Credit Access and Profit Efficiency among Broiler Enterprises in Ghana: Evidence from Stochastic Frontier and Endogenous Switching Regression Models. Under review at *Agribusiness*.

CONFERENCE/WORKSHOP/SEMINAR PRESENTATIONS

1. **Wongnaa, C.A.** (2011). Review of Ghana's Beekeeping Sector. Speech presented at the first Africa-Wide Training Course and Workshop on Strategic Partnership Networking in Bee Health

and Pollination Services for Food Security in Africa held at the Thomas Odhiambo Conference Hall of International Centre for Insect Physiology and Ecology (Icipe), Duduville, Nairobi-Kenya from Monday 10th to Wednesday 19th October, 2011 on the theme “Bee Health and Pollination Services for Food Security in Africa”.

2. **Wongnaa, C.A** and Seyram, Z.K.A. (2014). Factors influencing polytechnic students' decision to graduate as entrepreneurs. Paper presented at the 1st International Conference of Entrepreneurship Educators, Researchers and Entrepreneurs in Africa organized by the Institute of Entrepreneurship and Enterprise Development (IEED) of Kumasi Polytechnic from 28th – 30th November, 2011 at the Kumasi Polytechnic and Anita Hotel in Kumasi, Ghana.
3. Awunyo-Vitor D., **Wongnaa A.C** and Aidoo, R. (2016). Resource Use Efficiency among Maize Farmers in Ghana. Paper presented at the 4th Environmental Management Accounting Network (EMAN) Conference at Durban, South Africa 28-30 September, 2016
4. **Wongnaa, C.A.**, Obirikorang, K.A., Nkrumah, E.E. and Ansong, M. (2017). Assessment of the contribution of non-timber forest products (NTFPs) to sustainable rural and urban livelihood. Progress Report presented at ESDA’s 3rd Consortium & 4th NGR Meetings, Cape Town, South Africa, 15-18 October 2017.
5. **Wongnaa, C.A.**, Obirikorang, K.A., Nkrumah, E.E. and Ansong, M. (2017). Assessment of the contribution of non-timber forest products (NTFPs) to sustainable rural and urban livelihood. Research Results presented at the workshop on the Contribution of Non-Timber Forest Products to Sustainable Rural and Urban Livelihood at KNUST, Kumasi, Ghana, on 19th December, 2017.
6. **Wongnaa, C.A.**, Awunyo-Vitor D. and Mensah, A. (2017). Profit Efficiency of Ghana’s Maize Farmers. Paper presented at the 30th International Conference of Agricultural Economists, organized by International Association of Agricultural Economists, from 28th July – 2nd August, 2018 at the Westin Bayshore Hotel, Vancouver, Canada.
7. **Wongnaa, C.A.**, Adams, F., Bannor, R.K., Awunyo-Vitor, D., Mahama, I., Osei, B.A., Owusu-Ansah, Y. and Ackon, A. (2018). Job Creation and Improved Consumer Health through Commercialisation of Tiger Nut Yoghurt: A Willingness to Pay Analysis. Paper presented at the 2nd Conference of Ghana Association of Agricultural Economists, organized by Kwame Nkrumah University of Science and Technology, from 8-11th August, 2018 at the Institute of Distance Learning Conference Centre, KNUST campus, Kumasi, Ghana.
8. **Wongnaa, C.A.**, Mason, N. and Liverpool, L. S. O. (2019). Cotton Contract Farming Participation and its impact on Smallholder Welfare: Evidence from Zambia. Paper presented at the AAEA Annual Meeting, Atlanta Marriot Marquis, Atlanta, Georgia, USA, from 21st-23rd July, 2019.
9. **Wongnaa, C.A.**, Akuriba, M.A., Amisah, E., Danquah, K.S and Danso, A. (2019). Profitability and Constraints to Urban Exotic Vegetable Production Systems in the Kumasi metropolis of Ghana: A Recipe for Job Creation. Contributed Paper Presented at the 6th African Conference of Agricultural Economist, Sheraton Abuja Hotel, Abuja, Nigeria, from 23rd – 26th September, 2019.
10. **Wongnaa, Camillus Abawiera & Sienso, Gifty & Afful-Kwadam, Kwesi & Prah, Stephen, 2023.** "Welfare impacts of commercialization of rabbit production in Ghana," 2023 Seventh AAAE/60th AEASA Conference, September 18-21, 2023, Durban, South Africa 365904, African Association of Agricultural Economists (AAAE).
11. **Wongnaa, C. A.**, Frederick, O. T., Alhassan, H., Akua, O. A. N., & Adu, C. N. D. (2024). The impact of use of climate information services on smallholder welfare: Evidence from the hub of cashew production in Ghana. Paper presented at the 32nd International Conference of Agricultural Economists, organized by International Association of Agricultural Economists, from 2nd-7th August, 2024, New Delhi, India.

OTHER CONFERENCES/WORKSHOP/SEMINARS ATTENDED

1. Writing Winning Proposal organized by Kumasi Polytechnic Management at the Old Rector’s Conference Room from 29th -30th November, 2012.

2. Customised Management Development Seminar on the Subject Enterprise Risk Management, The K-Poly Perspective held on September 15-16, 2012 at the Anita Hotel, Ejisu-Ashanti for Deans/Directors, HODs, etc.
3. Writing and Publishing a Journal Article on 5th July, 2011 at the Great Hall, Kumasi Polytechnic, facilitated by Dr. Z.K.M. Batse, Department of Statistics and Computer Studies, Kumasi Polytechnic.
4. Techniques for effective Proposal Writing from 21st-23rd June, 2011 at the Great Hall, Kumasi Polytechnic, facilitated by Dr. Victor K. Agyeman, MGIF, BSc., MPhil., PhD., LLB. CSIR-Forestry Research Institute of Ghana.
5. Participated in the E-Resources, Reference management and 'Turnitin' training workshop for Lecturers in the Under the Building Stronger Universities Initiative Phase two (BSUII) Project, organized by the Prempeh II Library, KNUST, in conjunction with its Danish partners held at the Research Commons Training Room, Prempeh II Library on 27th September, 2016.
6. Participated in an orientation programme for newly appointed Senior Members of KNUST organized by the Human Resource Development Division and the Quality Assurance Unit of the university held at the Great Hall Conference Room from 28th -29th September, 2016.
7. Participated in a Psycho-educational seminar on the theme, "Identifying Students in Distress", organized by the KNUST Counselling Center (KCC) for Senior Members of the University on Thursday, 23rd February, 2017 at the KNUST Great Hall Conference Room.
8. Participated in a two (2)-day training workshop on the theme "Best Practices in Grant Financial Management and European Union Application Process", organized by the Building Stronger Universities (BSU) II Project and Office of Grants and Research, KNUST for Researchers, Principal Investigators (PIs), Project Leaders, Project Team Members, Accountants and Project Finance Officers from 29th-30th June, 2017 at the Gardiner Conference Room, Great Hall, KNUST.
9. Participated in a five (5)-day international training workshop on the theme, "Integrated Decision Support System (IDSS)" (Farming Simulator (FarmSIM) option) under the Feed the Future USAID Innovation Laboratory for Small Scale Irrigation which is being implemented in Ethiopia, Tanzania and Ghana, from 24 – 28 July, 2017 at the International Center for Innovative Learning (ICIL), KNUST, Kumasi, Ghana.
10. Attended a seminar on Health Economics Modelling using Simulation Techniques, Within Trial Analysis plus Markov Modelling and Interrupted Time Series Analysis on Friday, 4th August, 2017 at the New Conference Room, Department of Economics, KNUST, Kumasi, Ghana.
11. Participated in a three (3)-day combined workshop on Sustainable Development in Africa and Sustainable Development Goals (SDGs) organized jointly by Bureau of Integrated Rural Development (BIRD), KNUST and United Nations University (UNU), Japan, from 8th-10th August, 2017 at the International Centre for Innovative Learning (ICIL), Mango Road, KNUST, Kumasi, Ghana.
12. Participated in Education for Sustainable Development's (ESDA's) 3rd Consortium and 4th Next Generation Researchers (NGR) Meetings, jointly organized by the University of Cape Town, South Africa and the United Nations University (UNU), Japan, from 15th -18th October 2017 at the University of Cape Town, South Africa.
13. Participated in Education for Sustainable Development's (ESDA's) Writing Workshop for Next Generation Researchers (NGR), jointly organized by the University of Cape Town, South Africa and the United Nations University (UNU), Japan, from 3rd -9th June, 2018 at the University of Cape Town, South Africa.
14. Participated in the one-day work on estimating large demand systems training using household survey data, organized by the University of Georgia, USA, on 26, September, 2019 at the Bolton White Hotel, Abuja, Nigeria.

15. Participated in Development Impact West Africa (DIWA) Impact Evaluation Training and Matchmaking workshop scheduled for March 27 – 31, 2023 at the Ghana Institute of Management and Public Administration (GIMPA) in Accra, Ghana.
16. Participated in the summer school on "Development Methodologies scheduled from July 3 to 7 at the Mohammed VI Polytechnic University in Rabat (Morocco).
17. Participated in KNUST Office of Grants and Research (OGR)'s Proposal Writing Retreat from 19th –23rd May 2025 at Nyansapo Eco Resort, Moree, Cape Coast.

SELECTED WEBINAR PARTICIPATION

1. Rapid Transition to Online Teaching. Organized by CEEMAN – the International Association for Management Development in Dynamic Societies, 31 March 2020
2. *Building Resilience in Food Systems and Agricultural Value Chains: Agricultural Policy Responses to Covid-19 in Africa*, hosted on 18th and 19th May 2020 to cater for the Western and Eastern hemisphere respectively. Second ADI's G-CoP seminars organized to provide evidence-based policy guidance to African Development Bank Group's member countries.
3. The future for Agrifood Systems and the Rural Transformation. Organized by Inter-American Development Bank Group (IDB Group), 1300 New York Ave. NW Washington, DC, 20577, USA, July, 15, 2020am EST
4. Specialty Crops Challenges: Crop Insurance, Citrus Greening, Labor, and Water. Agricultural & Applied Economics Association 2020 Annual Meeting Pre-conference Online Workshop Organized by the AAEA Specialty Crops Economics Section Hosted by the Economic Research Service, USDA, Wednesday, July 29, 2020.
5. 2020 Agricultural and Applied Economics Association (AAEA) Annual Meeting (Virtual), August 10-11, 2020.
6. Harnessing the applications of science technology and innovation in the fight against COVID-19: lessons for science policy, organized by Africa Research and Impact Network (ARIN) on 25th September, 2020 at 1400hours-1600hours (EAT).

WORKSHOP/SEMINARS ORGANIZED

1. Organized a one-day seminar on Rural-Urban Linkage for Sustainable Development and successful utilization of thesis grants for Master of Philosophy in Sustainable and Integrated Rural Development (MPhil. SIRDA) students on 7th November, 2017 at the Bureau of Integrated Rural Development (BIRD), KNUST, Kumasi, Ghana.
2. Organized a one-day workshop on the Contribution of Non-Timber Forest Products to Sustainable Rural and Urban Livelihood on 19th December, 2017 at the International Center for Innovative Learning (ICIL), KNUST, Kumasi, Ghana.

LANGUAGES: English (Excellent) Dagaare (Excellent) Asante Twi (Excellent)

REFEREES

1. Prof. Dadson Awunyo-Vitor, Department of Agricultural Economics, Agribusiness and Extension, Kwame Nkrumah University of Science and Technology. Email: awunyovitor@gmail.com. Tel: 233(0)208152298.
2. Prof. John-Eudes Andivi Bakang, Department of Agricultural Economics, Agribusiness and Extension, Kwame Nkrumah University of Science and Technology. Email: alhajib@yahoo.com. Tel: 233(0)208168670.
3. Dr. Suresh Babu,
Senior Research Fellow, & Head, Capacity Strengthening Program
International Food Policy Research Institute (IFPRI)
Washington, DC.
Email: s.babu@cgiar.org