

# **CURRICULUM VITAE**

OF

**FAIZAL ADAMS, PhD**

*(LECTURER)*

DEPARTMENT OF AGRICULTURAL ECONOMICS, AGRIBUSINESS  
AND EXTENSION, FACULTY OF AGRICULTURE,  
COLLEGE OF AGRICULTURE AND NATURAL RESOURCES  
KNUST, KUMASI

**AUGUST, 2021**

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# CURRICULUM VITAE

## PERSONAL DATA

NAME: **FAIZAL ADAMS**  
DESIGNATION: Lecturer  
NATIONALITY: Ghanaian  
MARITAL STATUS: Married  
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## 1. EDUCATIONAL BACKGROUND

### a. i. Academic degrees/certificates earned with dates

Academic Qualification	Date
PhD (Agricultural Economics)	2016
BSc. Agriculture (Agricultural Economics option)	2005

### a. ii. Awards

Awards	Dates
<i>Scholarship</i> : Federal Department of Foreign Affairs and International Trade (DFAIT) Canada, Commonwealth scholarship, Visiting researcher, Nova Scotia Agricultural College, Truro, Canada	2011
<i>Travel Grant</i> : Travel and accommodation grant to Ethiopia for conference	2012
<i>Research Grant</i> : from International Food and Policy Research Institute for PhD data collection	2012
<i>Scholarship</i> : Vice Chancellor's Special Initiative Scholarship for Brilliant Students	2006

### b. Institutions attended with dates

Institution attended	Date	Academic Qualification
Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana	2016	PhD (Agricultural Economics)
Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana	2005	BSc. Agriculture (Agricultural Economics option)
Tamale Secondary School (TAMASCO), Tamale	2000	Senior Secondary Certificate Examination (SSCE)

## 2. UNIVERSITY TEACHING AND RESEARCH EXPERIENCE WITH DATES

### a. (i) Academic ranks held

Dec. 2016–Date **Lecturer**, Department of Agricultural Economics, Agribusiness and Extension, KNUST, Kumasi.  
Sept. 2013 - Oct. 2016 **Part-time lecturer**, Almond Graduate School of Leadership, Accra, Ghana.

**(ii) Subjects taught**

**Table 1: Subjects taught**

<b>Courses</b>	<b>Programme</b>	<b>Department/institute</b>	<b>Date</b>
<b>Postgraduate Courses:</b>			
1. ABM 569: Production and Operations Management	MSc Agribusiness Management	Institute of Distance Learning, KNUST	2018- Date
2. ABM 569: Production and Operations Management	MPhil Agribusiness Management	Department of Agricultural Economics, Agribusiness and Extension, KNST	2019-Date
5. AGECE 554: Agricultural Policy Analysis	MPhil Agricultural Economics	Department of Agricultural Economics, Agribusiness and Extension, KNST	2017 – Date
<b>Undergraduate Courses:</b>			
1. ABM 154: Agribusiness Financing	BSc (Agribusiness Management)	Department of Agricultural Economics, Agribusiness and Extension, KNST	2016 – Date
2. ABM 152: Foundation Agriculture	BSc (Agribusiness Management)	Department of Agricultural Economics, Agribusiness and Extension, KNST	2016 – Date
3. AGECE 456: Agricultural Production Economics	BSc (Agriculture-Economics option)	Department of Agricultural Economics, Agribusiness and Extension, KNST	2016 – Date
4. AGECE 457: Production Function Analysis	BSc (Agricultural Economics option)	Department of Agricultural Economics, Agribusiness and Extension, KNST	2016 – Date
5. AGECE 451: Agricultural Policy	BSc (Agricultural Economics option)	Department of Agricultural Economics, Agribusiness and Extension, KNST	2016 – Date
6. AGECE 353: Management Information Systems	BSc (Agriculture Science)	Department of Agricultural Economics, Agribusiness and Extension, KNST	2018 – Date

7. AGECE 353: Management Information Systems	BSc (Post Harvest Management)	Department of Agricultural Economics, Agribusiness and Extension, KNST	2018 – Date
8. AGECE 353: Management Information Systems	BSc (Landscape Design and Management)	Department of Agricultural Economics, Agribusiness and Extension, KNST	2018-Date
9. BAS 454: Agriculture Projects and Policies	BSc (Agriculture, Top-up programme)	Institute of Distance Learning, KNUST	2018-Date
10. BAS 451: Agricultural Economics, Marketing and Finance	BSc (Agriculture, Top-up programme)	Institute of Distance Learning, KNUST	2018 to Date
11. DHM 214: Agricultural Finance	BSc (Horticulture, Top-up programme)	Institute of Distance Learning, KNUST	2018 to 2019

**b. Supervision of students' project work/theses**

**Table 2a: PHD THESIS SUPERVISION**

	<b>Name of student</b>	<b>Research topic</b>	<b>Period</b>
1	Bashiru Musah Dokurugu	Evaluating the marketing system of certified maize seeds in Ghana: using the structure, conduct and performance approach. <b>PhD in Agribusiness Management. Ongoing (40% complete)</b>	2018- Date
2	Emmanuel Adjei	Impact of productivity enhancement programme on welfare of cocoa farmers in Ghana. <b>PhD in Agribusiness Management. Ongoing (50% complete)</b>	2019– Date
3	Fuseini Juuna Yakubu	Logistical and raw material sourcing challenges for sustainable operation of a tomato processing plant. <b>PhD in Food and Post-Harvest Engineering. Ongoing (60% complete)</b>	2018-Date
4	Emmanuel Yaw Opoku	Evaluation of cocoa farmers' access to farm support services in Ghana. <b>PhD in Agricultural Economics. Ongoing (40% complete)</b>	2018-Date

**Table 2b: MASTER OF PHILOSOPHY (MPHIL) / MASTER OF SCIENCE (MSC) THESIS SUPERVISION**

	<b>Name of student</b>	<b>Research topic</b>	<b>Period</b>
1	Sandra Asare (Ms)	Assessment of financial viability of Cashew Production in the Asante Akim North district. <b>Completed, MSc in Agribusiness Management.</b>	2018 -2019
2	Anthony Sobie	Adoption of hybrid cocoa seedlings and its impact on cocoa production in the Jukwa district of the central region of Ghana. <b>Completed, MSc in Agribusiness Management.</b>	2018-2019
3	Shamaiwu Ahmed (Mrs)	Financial analysis of the chemical control method of fall armyworm in the Ejura Sekyedumase municipality. <b>Completed, MSc in Agribusiness Management.</b>	2019-2020
4	Millicent Kotey	Financial analysis and determinants of marketing outlet choice among cowpea producers' in the Ejura Sekyedumase municipality in the Ashanti region. <b>Completed, MPhil in Agribusiness Management.</b>	2017-2019
5	Francis Akabo. Asodina	Economic viability of soybean production in Upper West region of Ghana. <b>Completed, MPhil in Agricultural Economics.</b>	2017-2019
6	Richard Yaw Awiriki	Assessing the impact of hand held planter on maize productivity in Sissala West district of Ghana. <b>MPhil in Sustainable and Integrated Rural Development. Ongoing (80% complete)</b>	2019-Date
6	Raphael Frimpong	Effect of land use change/transition from annual crop to tree crop (cashew and mango) production on	2020-Date

		smallholder farmer welfare in transitional zone of Ghana. <b>MPhil in Agricultural Economics. Ongoing (15% complete)</b>	
7	Akosua Braggo Bofo	Consumer preference, acceptance and willingness to pay for African palm weevil larvae (akokono) in Ashanti region of Ghana. <b>MPhil Agribusiness Management. Ongoing (15% completed)</b>	2020-Date
8	Joshua Antwi Bosiako	Impact of agricultural development programs on rural livelihoods in Northern and middle belt of Ghana: the case of NRGP and RESULT. <b>MPhil in Agricultural Economics. Ongoing (20% complete)</b>	2020-Date
9	Thomas Mahamadu Langa	Determinants of post-harvest losses along the maize commodity value chain in Atebubu-Amantin Municipal of the Bono East region. <b>MSc Agribusiness Management. Ongoing (60% completed)</b>	2020-Date
10	Eric Okyere	Assessment of seed funds delinquency of Fludor cocoa Ghana limited. A case of Fludor Ghana limited in Western North region. <b>MSc Agribusiness Management. Ongoing (40% completed)</b>	2020-Date
11	Derrick Ofosu Frempong	The impact of input credit schemes on cocoa production in the Upper Denkyira East in the Central region of Ghana. <b>MSc Agribusiness Management. Ongoing (80% completed)</b>	2018- Date
12	Frank Mensah	Impact of Farmer Based Organisations On Cocoa Production In The Ahafoano North Municipality Of Ghana. <b>MSc Agribusiness Management. Ongoing (50% completed)</b>	2020 -Date
13	Louisa Agatha	Financial feasibility and consumers' willingness to purchase fresh milk in Ghana. <b>MPhil Agribusiness Management. Ongoing (30% completed)</b>	2020-Date
13	Mabruk Osman	Market Participation Of Cashew Farmers In The Upper West Region. <b>MSc Agribusiness Management. Ongoing (20% completed)</b>	2021-Date
14	Anthony Jantuah	Adoption of hermetic technology (PICS) bags for grain storage among smallholder farmers in the transition zone of Ghana. <b>MSc Agribusiness Management. Ongoing (20% completed)</b>	2021-Date
15	Leslie Nana Baah-Aye Bamfo	Supply chain analysis for citrus farming or production in Ghana: A case of upper West Akim Municipality. <b>MSc Agribusiness Management. Ongoing (20% completed)</b>	2021-Date
16	Lina Adutwumwaa Gyamfi	Assessing consumer preference for processed Palm weevil larvae in Ashanti region. <b>MSc Agribusiness Management. Ongoing (20% completed)</b>	2021-Date

**Table 2c: UNDERGRADUATE PROJECT WORKS SUPERVISION**

	<b>Names of student(s)</b>	<b>Research topic</b>	<b>Year</b>
1	1. Nyekyeyel Joseph, 2. Appiah-FosuNorbert, 3. Serebour Martha, 4. Kwarteng Nancy, 5. Asare Pius	Assessing consumer's perception and decision to buy vegetables from greenhouse technology in the Ashanti region of Ghana. <b>BSc Agriculture, ongoing (50% complete).</b>	2021
2	6. Osei Akua Afrakoma, Akumi Collins 7. Kwabena, Asante David Junior, 8. Marfo Carolina, 9. Tawia-Amoako Franklin, 10. Yakubu Luqman	Producers' and consumers' awareness, knowledge and perception of food labels on packaged Sobolo (Hibiscus sabdarifaa) in the Kumasi Metropolis. <b>BSc. Agribusiness Management, ongoing (50% complete).</b>	2021
3	11. Poku Achiaa Belinda, 12. Afrasah Hammond, 13. Boateng Fosu Othniel, 14. Ansah Opoku Addo, 15. Oben Kingsley Wireko, 16. Acheampong Asantewa Bridget	Assessment of green leafy production in Ashanti region of Ghana. <b>BSc. Agribusiness Management, ongoing (50% complete).</b>	2021
4	17. Jonathan Quaye, 18. Kofi Doe Tetteh Zotorvie, 19. Richard Atobrah	Impact of urban agriculture production on household food and nutritional security in Kumasi Metropolis. <b>BSc. Agricultural Economics, ongoing (50% complete).</b>	2021
5	20. Attah Kwasi Richard 21. Annor Bannor Peter Arthur	Effect Of Credit Access On Cocoa Productivity In The Juaboso District	2020
6	22. Sefah Serwaa Catherine	Analysis of maize farmers' participation in Farmer Based Organisation in Birim South District. <b>Completed, BSc. Agricultural Science.</b>	2020
7.	22. Charles Nickson Anane	Farmers Perception On The Effectiveness Of Cocoa Rehabilitation in Sefwi Akontombra district of the Western North region Analysis of maize farmers' participation in Farmer Based Organization in Birim South District. <b>Completed, BSc. Agriculture Science.</b>	2020
7	23. Kyei Baffour Kindy, 24. Gbadago Judith Esi, 25. Konadu Kyiafi Abena, 26. Boateng Gloria, 27. Oduro Antwi Bosiako, 28. Attobrah Caleb Kyeremateng	Financial Viability Of Palm Weevil Larvae (Akoko) Production In The Ashanti Region Of Ghana: A Case Study Of Aspire Food Group Ghana, Knust And Siribour Farm, New Bomfa, Ejisu-Juaben Municipal. <b>Completed, BSc Agribusiness Management.</b>	2020



8	29. Kogbe Prince, 30. Osei Joyceline Agyeiwaa, 31. Boateng Emmanuel	Comparative analysis of the profitability among three scales of commercial poultry producers in the Dormaa municipality. <b>Completed, BSc Agribusiness Management.</b>	2018
10	32. Daanaa Damasus, 33. OkyereDerrick Johnson, 34. Nicholas Affram, 35. Freda Akoran (Miss)	Analysis of farmers' access and intensity of tractor use in the Nadowli-Kaleo district of the Upper West region. <b>Completed, BSc Agribusiness Management</b>	2018
11	36. Frimpong Kwame Raphael	Analysis of post-harvest losses along the tomato value chain in Offinso north district. Ashanti region, Ghana. <b>Completed, BSc Agriculture Science</b>	2019
12	37. Akomea-mensah, Edward Amoah, 38. Prince Arhenful	Determinants of profitability of the various small-scale palm oil processing techniques in the Kwaebibirem district of Ghana. <b>Completed, BSc Agriculture Science</b>	2019
13	39. Honny Emmanuel Patrick, 40. Peters Douglas Kofi, 41. Asamoah Barnie Juliet, 42. Coffie Bismark Benjamin	A case study of financial feasibility of small scale mango chips processing in the lower Manya Krobo municipal in the eastern region of Ghana. <b>Completed, BSc Agribusiness Management</b>	2019

### Other professionally related experience

July 2020	<b>Programme Coordinator:</b> MSc Agribusiness Management for Institute of Distance Learning, Kwame Nkrumah University of Science and Technology
July 2020	<b>Examination Officer:</b> MSc Agribusiness Management for Institute of Distance Learning, Kwame Nkrumah University of Science and Technology
2019-date	<b>Facilitator,</b> KNUST-ENI Market-focused Training Project in Agricultural Value Chains for Youth Empowerment and Job Creation in Ghana (dubbed "OKUAFO PA").
2018	<b>Vacation Training Coordinator,</b> Department of Agricultural Economics, Agribusiness and Extension, Faculty of Agriculture, KNUST-Kumasi
2018	<b>Participant,</b> 8 <sup>th</sup> Summer School for Senior Members on theme: Improving quality of higher education through effective measurement and evaluation, KNUST
2017	<b>Participant,</b> 7 <sup>th</sup> Summer School for Senior Members on the theme: Technology, Manpower Training and Development, KNUST.
2020	<b>Internal Examiner,</b> Assessment of the effectiveness of farmer business school on cocoa farmers' record keeping and good agronomic practices in Adansi Asokwa district by Bawah Krubie for MSc. Agribusiness Management, Kwame

Nkrumah University of Science and Technology, Ghana. March, 2020.

- 2020 **Internal Examiner:** Profitability and constraints analysis of griffnia simplifolia seed supply chain in the Ashanti region of Ghana by David Amponsah for MSc. Agribusiness Management, Kwame Nkrumah University of Science and Technology, Ghana. 2020.
- 2020 **Internal Examiner,** Assessing perceptions of stakeholders on the implementation of the fertilizer subsidy programmes through innovation platforms in Ghana by Mohammed Issifu for MSc. Agribusiness Management, Kwame Nkrumah University of Science and Technology, Ghana. 2020
- 2019 **Internal Examiner,** Analysis of the profit margin along the plantain value chain in the Asante Akim north municipality of Ghana by Edith Gormanfor MSc. Agribusiness Management, Kwame Nkrumah University of Science and Technology, Ghana. 2019.
- 2019 **Internal Examiner,** Effects of financial literacy on the savings behaviour of selected smallholder farmers in Ghana by Belinda Addision-Ansah for MSc. Agribusiness Management, Kwame Nkrumah University of Science and Technology, Ghana. 2019.
- 2019 **Internal Examiner,** Assessment of profitability, marketing channels and decision to participate in sorghum plantation farming in northern Ghana by Daniel K. Togbe for MSc. Agribusiness Management, Kwame Nkrumah University of Science and Technology, Ghana. 2019.
- 2020 **Internal Examiner,** An analysis of the default rates of loans by SMEs and their determinants: case study of microfiance and small loans at Amasaman and Takoradi by Akua Rose Ansah for MSc. Agribusiness Management, Kwame Nkrumah University of Science and Technology, Ghana. 2020.
- 2018 **Internal Examiner,** Gender, improved rice technology adoption and intra-household time allocation and income distribution in Ghana by Monica Addision for PhD Agricultural Economics Management, Kwame Nkrumah University of Science and Technology, Ghana. 2018.

### **3. DETAILS OF RESEARCH/PROJECTS UNDERTAKEN SINCE LAST APPOINTED TO THE UNIVERSITY**

#### **a. Research Conducted**

**Table 3: Details of research activities conducted since appointment**

<b>Period/Date</b>		<b>Title of Research Assignment and Client</b>	<b>Position/ Role</b>
1	Jan., 2021 to Feb, 2021	Follow up survey on Enhanced Nutrition and Value Chains (ENVAC) project in five regions in Ghana (Ashanti, Brong-Ahafo, Northern, Upper East and Upper West regions); Commissioned by World Food Programme, Ghana Office-Accra.	<b>Co-investigator</b>

2	Aug. 2020 – Oct. 2020	Multidimensional analysis and baseline survey for the replication of Okuafo Pa project in Ejura-Sekyedumasi, Kwahu East and Ellembele districts of Ghana. Study commissioned by ENI Oil and Gas Explorations, Ghana Office- Accra.	<b>Co-investigator</b>
3	Sept. 2019 – April, 2020	Development of generic self-assessment instruments for ATVETs across Africa; Commission by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), Ghana.	<b>Lead investigator</b>
4	May- July, 2019	Strengthening Vegetable Value Chain for Sustainable Development in Ghana. Commissioned by the Agency for Health and Food Security (AHEFS), Ghana	<b>Lead investigator</b>
5	Aug.-Oct. 2019	Mid-term Evaluation of the Enhanced Nutrition and Value Chains (ENVAC) Project in five Regions in Ghana (Ashanti, Brong-Ahafo, Northern, Upper East and Upper West Regions); Study Commissioned by UN World Food Programme (WFP-Ghana office), Accra.	<b>Co-investigator</b>
6	Sept.-Dec. 2019	Asset creation programme, end of project evaluation; Commissioned by the United Nations World Food Programme-Ghana Office.	<b>Co-investigator</b>
7	Jan. –Feb. 2017	Baseline survey for the Enhanced Nutrition and Value Chains in Ghana (ENVAC); Commissioned by the United Nations World Food Programme-Ghana Office.	<b>Co-investigator</b>
8	2016 – 2018	Commercialization of tiger nut yoghurt, job creation and improved consumer health	<b>Co-investigator</b>
9	2016 – 2019	Adoption of production technologies, efficiency and productivity of maize farmers in Ghana	<b>Co-investigator</b>
10	2016 – 2019	Soybean production: economic viability and technical efficiency approach	<b>Lead investigator</b>
11	2018	Financial prospect dry mango chips processing in Ghana	<b>Lead investigator</b>

**b. Publications arising out the research**

**i. Refereed journal papers with exact references**

1. **Adams, F.,** Aidoo, R., Mensah, J.O., Mensah, A., Amankwah, K., B.K. Kyei, J.E. Gbadago, K.A. Konadu, G. Boateng, A.B. Oduro, C.K. Attobrah. (2021). Commercialisation of African palm weevil larvae for employment creation and nutritional security in rural Ghana: a financial feasibility approach. *Journal of Insects as Food and Feed*: 1 – 10: <https://doi.org/10.3920/JIFF2020.0153>
2. **Adams, F.,** Ohene-Yankyer, K., Aidoo R., Wongnaa, CA. (2021). Economic benefit of livestock production in northern Ghana. *Journal of Agriculture and Food Economic*, 9(17): <https://doi.org/10.1186/s40100-021-00191-7>

3. Asodina, F.A, **Adams, F.**, Nimoh, F., Asante, BO and Mensah A. (2021). Performance of smallholder soybean farmers in Ghana: evidence from Upper West region of Ghana. *Journal of Agriculture and Food Research*, 4. <https://doi.org/10.1016/j.jafr.2021.100120>
4. Kotey, M.A, **Adams F.**, Nimoh F., Mensah, J. O., Etuah, S., Coleman, E. (2021). Choice of Marketing Outlets in Cowpea Production in Ghana. *World Journal of Entrepreneurship, Management and Sustainable Development*. <https://doi.org/10.1108/WJEMSD-07-2020-0088>
5. Asodina A.F., **Adams F.**, Nimoh, F., Wongnaa, CA. (2021). Improving Soya Bean Productivity for Poverty Alleviation and Food Security in Upper West Region of Ghana: A Resource Use Efficiency Analysis. *CrakaTani Journal of Sustainable Agriculture*, 36(1), 175-187
6. Asodina, F.A., **Adams, F.**, Nimoh, F. Wiyori E. A., Wongnaa, C.A., Bakang, J.A. (2020). Are non-market benefits of soybean production significant? An extended economic analysis of smallholder soybean farming in Upper West region of Ghana. *Agriculture and Food Security*, 9, 13: <https://doi.org/10.1186/s40066-020-00265-7>
7. **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*, <https://doi.org/10.1108/JADEE-06-2019-0090>
8. **Adams, F.**, Amankwah, K., Wongnaa, C. A., Honny, E. A., Peters, D. K., Asamoah, B. J., Coffie, B.B. (2019). Financial feasibility analysis of small-scale mango chips processing in Ghana. *Cogent Food and Agriculture*, 5: <http://doi.org/10.1080/233119322019.1679701>

## ii. *Technical Reports*

1. Aidoo Robert, J. Osei Mensah, Etuah Seth, and **Adams Faizal** (2021). Follow up survey on Enhanced Nutrition and Value Chains (ENVAC) project in five regions in Ghana (Ashanti, Brong-Ahafo, Northern, Upper East and Upper West regions). Technical report prepared for the UN World Food Programme (WFP-Ghana office), Accra. **February, 2021.**
2. Aidoo Robert, J. Osei Mensah, Etuah Seth, and **Adams Faizal** (2020). Multidimensional analysis and baseline survey for the replication of Okuafo Pa project in Ejura-Sekyedumasi, Kwahu East and Ellemabelle districts of Ghana. Technical report prepared for ENI Oil and Gas Explorations, Ghana Office- Accra. **October, 2020.**
3. **Adams Faizal** (2020). Development of generic self-assessment instruments for ATVETs across Africa; Technical report prepared for Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), Ghana. **April, 2020**
4. **Adams Faizal** and Seth Etuah (2019) Strengthening Vegetable Value Chain for Sustainable Development in Ghana, Technical report prepared for the Agency for Health and Food Security (AHEFS), Ghana. **July 2019.**
5. Aidoo Robert, J. Osei Mensah, Etuah Seth, and **Adams Faizal** (2019). Mid-term Evaluation of the Enhanced Nutrition and Value Chains (ENVAC) Project in five Regions in Ghana (Ashanti, Brong-Ahafo, Northern, Upper East and Upper West

Regions). Technical for port prepared for UN the World Food Programme (WFP-Ghana office), Accra.

6. Aidoo Robert, J. Osei Mensah, Etuah Seth, and **Adams Faizal** (2019). End of Project Evaluation of the Asset Creation Programme in Brong-Ahafo, Northern, Upper East, Upper West, and Volta Regions of Ghana. Technical for port prepared for the UN World Food Programme (WFP-Ghana office), Accra. **January 2019.**

#### c. Contributions in co-authored publications

1. Mensah, A., Asiamah, M., Wongnaa, C.A., **Adams, F.**, Etuah, S., (2020). Certified hybrid maize seed verses farmer saved maize seed technologies: welfare evidence from Ghana. *Journal of Agribusiness in Developing and Emerging Economies*, <https://doi.org/10.1108/JADEE-06202-0120>.
2. Essel, B.K.C., **Adams, F.**, Amankwah, K. (2019). Effect of entrepreneur, firm and institutional characteristics on small-scale firm performance in Ghana. *Journal of Global Entrepreneurship Research*, 9(55). <https://doi.org/10.1186/s40497-019-0178-y>
3. Wongnaa, C. A., Awunyo-Vitor, D., Mensah, A., **Adams F.** (2019). Profit efficiency among maize farmers and implications for poverty alleviation and food security in Ghana. *Scientific African*. <https://doi.org/10.1016/j.sciaf.2019.e00206>
4. Wongnaa, C. A., **Adams F.**, Bannor, R. K., Awunyo-Vitor, D., Mahama, I., Osei, B. A. and Owusu-Ansah, Y. (2019). Job creation and improved consumer health through commercialisation of tiger nut yoghurt: a willingness to pay analysis. *Journal of Global Entrepreneurship Research*, 9(4). <https://doi.org/10.1186/s40497-018-0139-x>

## 4. WORKSHOPS/CONFERENCES/ SEMINARS AT WHICH PAPERS WERE READ

**Table 4: Presentations at Conferences**

Date	Conference/ Seminar/Workshop	Paper presented, Date and Authors
4-7 August, 2021	4 <sup>th</sup> National Conference of Ghana Association of Agricultural Economists (GAAE), UDS international Conference Center, University for Development Studies, Ghana	Determinants of Farmers' Decision to Use Synthetic Pesticides to Control Fall Army Worm Infestation in Ghana: Application of Two-Step Heckman Selection Model: Faizal Adams, Seth Etuah, Amos Mensah, Fred Nimoh, James Osei Mensah, Robert Aidoo, Edwin Coleman, and Shaimawu Ahmed
25-26 October, 2018	Food Studies International Conference, Vancouver, Canada, 25-26October, 2018	Economic value of soybean production among smallholder farmers in Ghana: Asodina A. F., <b>Adams F.</b> , Nimoh, F., Ohene-Yankyera K.
9-11 August, 2018	2 <sup>nd</sup> National Conference of Ghana Association of Agricultural Economists (GAAE), IDL Conference Center, Kwame Nkrumah University of	Resource Use Efficiency among Soya Bean Smallholder Farmers in Ghana: Evidence from Upper West Region of Ghana. Asodina A. F.,

	Science and Technology (KNUST), Kumasi-Ghana	<b>Adams F.</b> , Nimoh, F., Wongnaa, C. A, Asante, O., B.
9-11 August, 2018	2 <sup>nd</sup> National Conference of Ghana Association of Agricultural Economists (GAAE), IDL Conference Center, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana	Technical efficiency of soybean production among smallholder farmers in Ghana: The case of Upper West Region. Asodina A. F., <b>Adams F.</b> , Nimoh, F., Ohene- Yankyera K.
9-11 August, 2018	2 <sup>nd</sup> National Conference of Ghana Association of Agricultural Economists (GAAE), IDL Conference Center, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana	Job Creation and Improved Consumer Health through Commercialization of Tiger Nut Yoghurt: Willingness to Pay Analysis. Wongnaa, C.A., <b>Adams, F.</b> , Bannor, R.K., Awunyo-Vitor, D., Mahama, I., Osei, B.A., Owusu-Ansah, Y. and Ackon, A.
23-25 October, 2014	Conference on IGAD Economies and Federalism in Somalia, <b>Addis Ababa, Ethiopia.</b>	Determinants of Small Ruminant Livestock Production Decisions in Northern Ghana: Application of Count Data and Discrete Regression Models. <b>Adams, F.</b> and Kwasi Ohene Yanyera.
14-15 September, 2012.	Workshop on Ghana Scholarship Support Program, Accra, Ghana,	Economics of Small Ruminant Livestock Production in Northern Ghana. <b>Adams, F.</b>

## 5. LIST OF ALL PUBLICATIONS

### i. Published with exact references

#### *Refereed Journal Papers*

1. **Adams, F.**, Aidoo, R., Mensah, J.O., Mensah, A., Amankwah, K., B.K. Kyei, J.E. Gbadago, K.A. Konadu, G. Boateng, A.B. Oduro, C.K. Attobrah. (2021). Commercialisation of African palm weevil larvae for employment creation and nutritional security in rural Ghana: a financial feasibility approach. *Journal of Insects as Food and Feed*: 1 – 10: <https://doi.org/10.3920/JIFF2020.0153>
2. **Adams, F.**, Ohene-Yankyera, K., Aidoo R., Wongnaa, CA. (2021). Economic benefit of livestock production in northern Ghana. *Journal of Agriculture and Food Economic*, 9(17): <https://doi.org/10.1186/s40100-021-00191-7>
3. Asodina, F. A, **Adams, F.**, Nimoh, F., Asante, BO and Mensah A. (2021). Performance of smallholder soybean farmers in Ghana: evidence from Upper West region of Ghana. *Journal of Agriculture and Food Research*, 4. <https://doi.org/10.1016/j.jafr.2021.100120>
4. Kotey, M. A, **Adams F.**, Nimoh F., Mensah, J. O., Etuah, S., Coleman, E. (2021). Choice of Marketing Outlets in Cowpea Production in Ghana. *World Journal of Entrepreneurship*,

*Management and Sustainable Development*. <https://doi.org/10.1108/WJEMSD-07-2020-0088>

5. Asodina A.F., **Adams F.**, Nimoh, F., Wongnaa, C.A. (2021). Improving Soya Bean Productivity for Poverty Alleviation and Food Security in Upper West Region of Ghana: A Resource Use Efficiency Analysis. *CrakaTani Journal of Sustainable Agriculture*, 36(1), 175-187
6. Mensah, A., Asiamah, M., Wongnaa, C.A., **Adams, F.**, Etuah, S., (2020). Certified hybrid maize seed verses farmer saved maize seed technologies: welfare evidence from Ghana. *Journal of Agribusiness in Developing and Emerging Economies*, <https://doi.org/10.1108/JADEE-06202-0120>
7. Asodina, F.A., **Adams, F.**, Nimoh, F. Wiyori E. A., Wongnaa, C.A., Bakang, J.A. (2020). Are non-market benefits of soybean production significant? An extended economic analysis of smallholder soybean farming in Upper West region of Ghana. *Agriculture and Food Security*, 9, 13: <https://doi.org/10.1186/s40066-020-00265-7>
8. **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*, <https://doi.org/10.1108/JADEE-06-2019-0090>
9. Wongnaa, C. A., **Adams F.**, Bannor, R. K., Awunyo-Vitor, D., Mahama, I., Osei, B. A. and Owusu-Ansah, Y. (2019). Job creation and improved consumer health through commercialisation of tiger nut yoghurt: a willingness to pay analysis. *Journal of Global Entrepreneurship Research*, 9(4).<https://doi.org/10.1186/s40497-018-0139-x>
10. **Adams, F.**, Amankwah, K., Wongnaa, C. A., Honny, E. A., Peters, D. K., Asamoah, B. J., Coffie, B.B. (2019). Financial feasibility analysis of small-scale mango chips processing in Ghana. *Cogent Food and Agriculture*, 5: <http://doi.org/10.1080/233119322019.1679701>
11. Essel, B.K.C., **Adams, F.**, Amankwah, K. (2019). Effect of entrepreneur, firm and institutional characteristics on small-scale firm performance in Ghana. *Journal of Global Entrepreneurship Research*, 9(55). <https://doi.org/10.1186/s40497-019-0178-y>
12. Wongnaa, C. A., Awunyo-Vitor, D., Mensah, A., **Adams F.** (2019). Profit efficiency among maize farmers and implications for poverty alleviation and food security in Ghana. *Scientific African*. <https://doi.org/10.1016/j.sciaf.2019.e00206>

### ***Edited Conference Proceedings***

**Faizal Adams and Ohene-Yankyera, K. (2014).** Determinants of small ruminant livestock production decision in northern Ghana; application of count data and discrete regression models; Conference Proceedings on Economic, Social and Political Developments and Challenges in IGAD region held at Addis Ababa, Ethiopia, October 23-25, 2014 (*edited by The Horn Economic and Social Policy Institute-HESPI*), Published by The Horn Economic and Social Policy Institute (HESPI). **October 2014.**

**Table 4. Journals in which papers are published**

SN	Authors/Title of paper	Journal	Publisher/Host/Index	Publication Date
1	<b>Adams, F.</b> , Aidoo, R., Mensah, J.O., Mensah, A., Amankwah, K., B.K. Kyei, J.E. Gbadago, K.A. Konadu, G. Boateng, A.B. Oduro, C.K. Attobrah.	Journal of Insects for Feeds and Foods	Wageningen University, Netherlands. Indexed in Scopus	31 <sup>st</sup> May, 2021

	(2021). Commercialization of African palm weevil larvae for employment creation and nutritional security in rural Ghana: a financial feasibility approach			
2	<b>Adams, F.</b> , Ohene-Yankyera, K., Aidoo, R., Wongnaa, C.A. (2021). Economic benefit of livestock production in northern Ghana.	Agriculture and Food Economics	BioMed Central/Springer. Indexed in Directory of Open Access Journal (DOAJ) and Scopus	10 <sup>th</sup> May, 2021
3	Asodina, F.A., <b>Adams, F.</b> , Nimoh, F., Asante, B.O. and Mensah A. (2021). Performance of smallholder soybean farmers in Ghana: evidence from Upper West region of Ghana	Journal of Agriculture and Food Research	Elsevier.	June, 2021
4	Kotey MA, <b>Adams F</b> , Nimoh F., Mensah, J.O., Etuah, S., Coleman, E. (2021). Choice of Marketing Outlets in Cowpea Production in Ghana.	World Journal of Entrepreneurship, Management and Sustainable Development.	Emerald Publishing Limited. Abstracted and indexed in Scopus	9 <sup>th</sup> March, 2021
5	Wongnaa, C.A., <b>Adams, F.</b> , 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 commercialization of tiger nut yoghurt: a willingness to pay analysis	Journal of Global Entrepreneurship Research	Springer. Indexed in DAOJ	4 <sup>th</sup> January, 2019
6	Asodina A. F., <b>Adams F.</b> , Nimoh, F., Wongnaa, C.A. (2021). Improving Soya Bean Productivity for Poverty Alleviation and Food Security in Upper West Region of Ghana: A Resource Use Efficiency Analysis.	CrakaTani Journal of Sustainable Agriculture	Indexed in Directory of Open Access Journal (DOAJ)	20 <sup>th</sup> February, 2021
7	Mensah, A., Asiamah, M., Wongnaa, C.A., <b>Adams, F.</b> , Etuah, S., (2020). Certified hybrid maize seed verses farmer saved maize seed technologies: welfare evidence from Ghana.	Journal of Agribusiness in Developing and Emerging Economies	Emerald Publishing Limited.	2 <sup>nd</sup> February, 2021
8	Asodina, F.A., <b>Adams, F.</b> , Nimoh, F. Wiyori E. A., Wongnaa, C.A., Bakang, J.A. (2020). Are non-market benefits of soybean production	Agriculture and Food Security	BioMed Central/Springer. Indexed in Scopus and DAOJ	11 <sup>th</sup> November, 2020



	significant? An extended economic analysis of smallholder soybean farming in Upper West region of Ghana.			
9	<b>Adams, F.,</b> 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	Emerald Publishing Limited. Indexed in Scopus	23 <sup>rd</sup> August, 2020
10	<b>Adams, F.,</b> 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	Taylor and Francis.	16 <sup>th</sup> October, 2019
11	Essel, B.K.C, <b>Adams, F.,</b> Amankwah, K. (2019). Effect of entrepreneur, firm and institutional characteristics on small-scale firm performance in Ghana.	Journal of Global Entrepreneurship Research	Springer. Indexed in DAOJ	29 <sup>th</sup> August, 2019
12	<b>Wongnaa, C. A.,</b> Awunyo-Vitor, D., Mensah, A., & Adams, F. (2019). Profit Efficiency Among Maize Farmers and Implications for Poverty Alleviation and Food Security in Ghana	Scientific African	Elsevier. Indexed in Scopus	1 <sup>st</sup> November, 2019

### *List of all other publications*

1. **Adams, F.,** Ohene-Yankyera, K. (2015). Determinants of Small Ruminant Livestock Production Decisions in Northern Ghana: Application of Count Data Models. *Journal of Agriculture Economics and Rural Development*, 3(1), 15-33.
2. **Adams, F.,** Ohene-Yankyera, K. (2015). Determinants of Small ruminant Farmer's decision to participate in Veterinary Services in Northern Ghana. *Journal of Veterinary Medicine and Animal Health* 7(5), 193-204.
3. Iddrisu Y., Yamoah F., **Adams F.,** (2015). Consumer motivation and willingness to pay for safer vegetables in Ghana. *British Food Journal*, 117 (3), 1043-1065
4. **Adams, F.,** Ohene-Yankyera, K. (2014). Socio-economic characteristics of subsistent small ruminant farmers in three regions of northern Ghana. *Asian Journal of Applied Science and Engineering*, 3, 93.-106.
5. **Adams, F.,** Ohene-Yankyera, K. (2014). Determinants of factors that influence small ruminant livestock production decisions in Northern Ghana. Application of Discrete Regression Model. *Journal of Biology, Agriculture and Healthcare*, 4(27), 310-321.

### *Upcoming papers*

1. **Faizal Adams,** Seth Etuah, Amos Mensah, Fred Nimoh, James Osei Mensah, Robert Aidoo, Edwin Coleman, and Shaimawu Ahmed (2021). Determinants of Farmers' Decision to Use Synthetic Pesticides to Control Fall Army Worm Infestation in Ghana: Application of Two-Step Heckman Selection Model.

2. **Faizal Adams**, Amos Mensah, Seth Etuah, Robert Aidoo, James Osei Mensah. (2021). Determinants of Vertical Integration in Poultry Production in Ghana: Application of Count Data Models. *Under review at Journal of Agriculture and Food Research*.
3. **Faizal Adams**, Fred Nimoh, Seth Etuah, Amos Mensah, Bright O. Asante and Shaimawu Ahmed (2021). Farmers' perception and financial implications of synthetic pesticides control of *spodoptera frugiperda* (fall army worm) on maize production in Ghana. *Under review at International Journal of Pest Management*.
4. **Faizal Adams**, Robert Aidoo, Seth Etuah, Amos Mensah (2021). Does urban agriculture impact on household food and diversity security? A Propensity Score Matching analysis from Ghana
5. **Faizal Adams**, Kwasi Ohene-Yankyera, James Osei Mensah, Seth Etuah, Amos Mensah (2021). Economic assessment of organic vegetable production in Ashanti region of Ghana.
6. **Faizal Adams**, James Osei Mensah, John-Eudes A. Bakang, Seth Etuah, Fred Nimoh (2021). Does food label matters in purchasing decisions? An empirical evidence of *Hisbiscus spp* (Sobolo) drink production and marketing in Ghana.
7. **Faizal Adams**, Robert Aidoo, Seth Etuah, Amos Mensah (2021). Consumer perception and decision to buy greenhouse vegetables in Ghana.

## 8. RECORD OF SERVICE TO THE COMMUNITY

### a. Service to the University

- |            |  |
|------------|--|
| Feb. 2021  | <b>Member</b> , College on-line learning training team, College of Agriculture and Natural Resources, KNUST-Kumasi.  |
| 2020-date  | <b>Member</b> , Committee for IDL Programmes of Faculty of Agriculture, College of Agriculture & Natural Resources, KNUST-Kumasi.  |
| Aug. 2020  | <b>Member</b> , Core group of trainers for training of academic staff on the use of Moodle for online teaching and learning, KNUST-Kumasi.   |
| 2019       | <b>Member</b> of Winning Team, KNUST-ENI OKUAFOPA Project at Faculty of Agriculture, KNUST. The team developed and won <b>US\$619,800</b> from ENI Ghana Exploration and Production Limited for youth training in agricultural value chains for empowerment and job creation in Ghana. |
| 2019-date  | <b>Member</b> , Graduate Committee for Department of Agricultural Economics, Agribusiness and Extension, KNUST   |
| 2019- Date | <b>Patron</b> , National Union of Sissala Students, KNUST Chapter, KNUST.  |
| Aug. 2018  | <b>Member</b> , Finance and accounting committee, 2 <sup>nd</sup> Conference of the Ghana Association of Agricultural Economists (GAAE), held at KNUST from 8-11 August, 2018.   |

- Aug. 2018 **Chairman**, Publicity and fund raising Committee, 2<sup>nd</sup> Conference of the Ghana Association of Agricultural Economists (GAAE), held at KNUST from 8-11 August, 2018.
- 2018-date **Member**, Media and Public Committee, Department of Agricultural Economics, Agribusiness and Extension, Faculty of Agriculture, KNUST
- 2018-date **Member**, Department of Agricultural Economics, Agribusiness and Extension's public forum and seminar series committee, KNUST.
- 2018-date **Academic Tutor**, Faculty of Agriculture, KNUST
- 2017 – Date **Fellow**, Unity Hall, KNUST.

#### **b. Service to the Nation**

- 2021 **Resource Person**, Entrepreneurship program training on Agri-financing for Small and Medium Scale Enterprises in Ghana. A two day workshop organised by Value Addition Innovation Hub, Kumasi from 25<sup>th</sup> to 26<sup>th</sup> June, 2021.
- 2021 **Judge/Resource Person**, The KNUST Agrotech Challenge for Agricultural Technology development to ensure food security and environmental sustainability in Ghana. Organised by Team 54 Project International, Sayetech Company Ltd and KNUST SRC TRATECH Committee.
- 2021 **Research member**: Follow up survey on Enhanced Nutrition and Value Chains (ENVAC) project in five regions in Ghana (Ashanti, Brong-Ahafo, Northern, Upper East and Upper West regions) for World Food Programme, Ghana Office-Accra.
- 2020 **Resource Person**, Ghana Muslims Students' Association general meeting with the theme: Developing the culture of unity, the main responsibility of the Muslim student, KNUST Islamic Center
- 2020 **Research member**: Multidimensional analysis and baseline survey for the replication of Okuafo Pa project in Ejura-Sekyedumasi, Kwahu East and Ellembelle districts of Ghana for ENI Oil and Gas Explorations, Ghana Office-Accra.
- 2020 **Lead researcher**: Development of generic self-assessment instruments for ATVETs across Africa for Commission by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), Ghana.
- 2019 **Facilitator**, Organized a one-day workshop on the validation of Generic Self-Assessment Instrument for Organizational Capacity Development among Agricultural Technical Vocational Education Training (ATVET) institutions

across Africa on 24<sup>th</sup> January, 2020 held at the Herpizibah Christian Center, Aburi-Eastern region of Ghana.

- 2019      **Resource Person**, College of Agriculture and Natural Resource Students Association (CANaRSA) seminar on topic: Youth in Agriculture and Natural Resources Management; the catalyst in curbing unemployment in Ghana, KNUST.
- 2019      **Resource Person**, Ghana Muslims Students' Association, an interactive session with Muslim students dubbed GMSA-LIFE 360, KNUST Islamic Center
- 2019      **Resource Person**, Northern Student Union seminar on the theme: The Youth and Development-*Life after school, opportunities verses threats-*, Natural Resource Lecture Theatre, KNUST
- 2019      **Resource Person**, Ghana Muslims Students' Association annual seminar for Senior High Schools in Ashanti region on theme: Empowering the Muslim youth to achieve excellence, Kumapley Auditorium, Kumasi
- 2019      **Lead researcher**: Strengthening Vegetable Value Chain for Sustainable Development in Ghana for Agency for Health and Food Security (AHEFS), Ghana.
- 2019      **Research member**: End of Project Evaluation of the Asset Creation Programme in Brong-Ahafo, Northern, Upper East, Upper West, and Volta Regions of Ghana. Technical Report prepared for the UN World Food Programme (WFP-Ghana office), Accra.
- 2019      **Research member**: Mid-term Evaluation of the Enhanced Nutrition and Value Chains (ENVAC) Project in five Regions in Ghana (Ashanti, Brong-Ahafo, Northern, Upper East and Upper West Regions) for UN World Food Programme (WFP-Ghana office), Accra-Ghana
- 2017      **Regional coordinator**; Young Professionals for Agricultural Development, Ashanti region Chapter, Kumasi
- 2017      **Resource Person**, 1<sup>th</sup> Conference of the National Alusunnah Waljamah Muslim Movement of Ghana, Kintampo, Ghana.

**c. Service to the International community**

- 2021      **PhD mentorship**, Bernard Kwamina Cobbina Essel, Department of Economics and Development, Faculty of Tropical AgriSciences, Czech University of Life Sciences Prague, Czech Republic.
- 2021      **Reviewer**, British Food Journal
- 2021      **Reviewer**, Frontiers in Sustainable Food Systems

2021	<b>Reviewer</b> , International Journal of Research and Innovations in Social Science
2021	<b>Reviewer</b> , Asian Journal of Agricultural Extension, Economics and Sociology
2021	<b>Reviewer</b> , Academia letters
2021	<b>Reviewer</b> , Journal of Experimental Agriculture International
2018	<b>Reviewer</b> : Asian Journal of Agricultural and Horticultural Research
2018	<b>Reviewer</b> , Journal of Economics, Management and Trade.

#### **d. Relevant Service in Previous Employment**

- 2015-2016 Deputy Coordinator**; In collaboration with the Savannah Development Authority and funding from United State Agency for International Development (USAID) I helped to establish and managed a Northern Sector Agriculture Investment Coordination Unit (NSAICU), USAID/MoFA/SADA, Tamale.
- 2014-2015 National Project Coordinator**: As the lead researcher, we won a grant of halve-million (USD500,000) dollars from the Food and Agriculture Organisation (FAO) to restore urban agriculture lost due to the June 3<sup>rd</sup> Flood Disaster in Ghana (MoFA/FAO TCP MOFA/FAO), Accra-Ghana.
- 2013-2014 Assistant Agricultural Officer**, Ministry of Food and Agriculture, Accra

#### **e. Membership of Professional Associations**

- *Member*, University Teachers Association of Ghana (UTAG)
- *Member*, Ghana Association of Agricultural Economists (GAAE)
- *Member*, African Association of Agricultural Economists (AAAE)
- *Member*, Young Professionals for Agricultural Development, Ghana
- *Member*, Ghana Chamber of Agribusiness (GCA)

#### **REFERENCES:**

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**SIGNATURE OF APPLICANT .....signed... DATE ..16<sup>th</sup> August, 2021.....**