

CURRICULUM VITAE

PERSONAL DATA

Name: **Kwaku Adomako, PhD.**

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Date of Birth: 19th April, 1978
Home Town: Bekwai, Ashanti
Religion: Christianity
Marital status: Married with four children

EDUCATIONAL BACKGROUND

Academic Qualifications

	Date
PgCert. Int. Poultry Short Course, University of Georgia, USA	January 2026
PgCert. Feed Manufacturing, Int. Grains Program, Kansas State Univ.	June 2025
PgCert. The Social Emotional Educator: A Primer (UNESCO MGIEP)	August 2024
PgCert. The Digital Educator: A Primer (UNESCO MGIEP)	August 2024
PgCert. Animal Breeding and Genomics (AABA & ILRI)	March 2022
PgCert. Molecular Genetics -Norman E. Borlaug Fellowship	November 2015
PgCert. Poultry Production and Management	May 2013
PhD. Animal Breeding and Genetics	February 2010
BSc. Agriculture, 2 nd Class Upper Division.	June 2004

Institutions attended with dates

January 2026 – International Poultry Short Course, University of Georgia, USA
June 2025 – Feed Manufacturing Training organised by the International Grains Program, Kansas State University, USA
June 2024 – August 2024 – UNESCO Mahatma Gandhi Institute of Education for Peace and Sustainable Development
June 2024 – August 2024 – UNESCO Mahatma Gandhi Institute of Education for Peace and Sustainable Development
February 2022- March 2022 – African Animal Breeders Association and ILRI
September 2015 – November 2015 – University of Georgia, USA (Borlaug Fellowship)
April 2013 – May 2013 – Hebrew University of Jerusalem, Rehovot, Israel
August 2005 - February 2010 - KNUST, Kumasi-Ghana.
October 2000 – June 2004 - KNUST, Kumasi-Ghana
January 1995 - Dec 1997 - Prempeh College, Kumasi, Ghana.

WORKING EXPERIENCE

ORGANIZATION : **Kwame Nkrumah University of Science and Technology**
DATE : 2011 – Date
POSITION : Professor
DUTIES :

- Teaching
- Research
- Supervision of Students’ Research (BSc., MPhil. and PhD)

POSITIONS HELD IN THE UNIVERSITY

Head - Department of Animal Science, KNUST (December 2024 – Date)

Acting Head – Department of Animal Science, KNUST (July 2024; September-October 2023)

Head of Research Station - Dairy/Beef Cattle Research Station, KNUST (August 2017- July 2019)

Graduate Coordinator – Department of Animal Science, KNUST (2019 – 2023)

Vacation Training Coordinator - Faculty of Agriculture, KNUST (2022-Date)

Deputy Coordinator - Vacation Training, Faculty of Agric., KNUST (2016- 2019)

Academic Tutor – Faculty of Agriculture, KNUST (2012 - Date)

Seminar Coordinator - Department of Animal Science (2016 - Date)

Head of Poultry Section - Department of Animal Science (2012 - 2017)

Examinations Officer - Department of Animal Science (2013 - 2016)

UNIVERSITY TEACHING AND/ OR RESEARCH EXPERIENCE WITH DATES

(i) Academic ranks held

Aug. 2024- Date: **Professor**, Dept. of Animal Science, KNUST, Kumasi-Ghana.

Aug. 2021 – July 2024: **Associate Professor**, Dept. of Animal Science, KNUST, Kumasi-Ghana.

Aug. 2016 – July 2021: **Senior Lecturer**, Dept. of Animal Science, KNUST, Kumasi-Ghana.

Dec 2011– July 2016: **Lecturer**, Dept. of Animal Science, KNUST, Kumasi-Ghana.

(ii) **Subjects taught as Lecturer, Senior Lecturer and Associate Professor**

Associate Professor	Undergraduate (shared courses)		
	1. AS 251: Principles of Animal Breeding	Department of Animal Science, Faculty of Agriculture	Aug 2012 to date
	2. AS 254: Poultry Production and Management	Department of Animal Science, Faculty of Agriculture	Jan 2012 to date
	3. AS 451: Animal Improvement Programmes	Department of Animal Science, Faculty of Agriculture	Aug 2012 to date
	4. AS 454: Environmental Physiology	Department of Animal Science, Faculty of Agriculture	Jan 2012 to July 2022
	5. AS 456: Reproductive Physiology	Department of Animal Science, Faculty of Agriculture	Jan 2012 to July 2014
	6. BAS 356: Animal Production and Health (IDL)	Institute of Distance Learning	Aug 2018 to date
	7. BAS 359: Genetics and Breeding (IDL)	Institute of Distance Learning	Aug 2018 to date
Postgraduate (shared course)			
	1. AS 559 Population Genetics	Department of Animal Science, Faculty of Agriculture	Aug 2012 to date
	2. AS 573 Topics in Animal Breeding	Department of Animal Science, Faculty of Agriculture	Aug 2012 to date
	3. AS 558 Advanced Animal Breeding	Department of Animal Science, Faculty of Agriculture	Jan 2013 to date
	4. AS 566 Directed Studies in Animal Breeding	Department of Animal Science, Faculty of Agriculture	Jan 2013 to date
	5. AS 568 Quantitative Genetics	Department of Animal Science, Faculty of Agriculture	Jan 2013 to date
	6. AS 759 Molecular Animal Genetics	Department of Animal Science, Faculty of Agriculture	Jan 2023 to Date
	7. AS 761 Advanced Topics in Quantitative Genetics Breeding	Department of Animal Science, Faculty of Agriculture	Jan 2023 to Date
	8. AS 763 Applied Genomics for Animal Breeding	Department of Animal Science, Faculty of Agriculture	Jan 2023 to Date

(iii) Supervision of Postgraduate Students

	Name of student	Research topic	Degree	Academic year
1	Ayizanga, Raphael Aloe	Phenotypic characterisation and genetic diversity study of the local pig of Ghana	PhD	2013 - 2016
2	Mujyambere Valentin	Indigenous chicken in Rwanda: their potential and strategies for improvement	PhD	2018 - 2022
3	Christian Asumah	Effect of thermoregulatory genes on protein synthesis and degradation and antioxidants activities in local chickens of Ghana under high ambient temperature conditions	PhD	2020-2024
4	Bertha Amankwah	Selection models for some economic traits in Ghanaian Guinea Fowls	PhD	2020-2024
5	Lydia Asare	Crossbreeding strategies to improve egg production in Japanese Quails	PhD	2020-2024
6	Alex Addo	Breeding strategies to improve growth performance of the Ghanaian local Turkeys	PhD	2020-2024
7	Aboagye Poku, Ricky	Frizzle feathers: Pterylosis and separation of chicks from normal feathering chicks within the first week of hatch	MPhil	2012 -2016
8	Mensah, Paul	Qualitative mutant traits within the population of local chickens in Ghana	MPhil	2013-2016
9	Agyekum, Harriet Osei Sarpong	Strains of layers raised in Ghana and the performance of the most dominant strain	MPhil	2013-2016
10	Kanasuah, Dawolor	Effects of naked neck and frizzle genes, storage duration, storage temperature, vegetable oil application and their interactions on quality characteristics, proximate composition and amino acid profile of eggs from local-exotic crossbreds	MPhil	2014-2016
11	Raymond Teye Bineadeo	Effects of naked neck and feed withdrawal on the performance of broiler chickens	Mphil	2015-2018
12	Anane, Ishmael Owusu	Effect of feed restriction on poultry meat and eggs production under humid-tropical conditions	MPhil	2015-2017
13	Maureen Mamle Azu	Effect of naked neck gene on the performance of broiler chickens	MPhil	2016-2018
14	Valerie Amexo	Effect of naked neck gene and thermal conditioning on the performance of broiler chickens	MPhil	2016- 2019
15	Gloria Gakpetor	Performance of two egg-type chicken line developed in Ghana	MPhil	2016- 2019
16	Robert Tohoun	Effect of different incubational temperatures on fertility and hatchability of egg from naked neck birds	MPhil	2017-2019
17	Selorm Sovi	Molecular Genotyping of naked neck and frizzle birds from different ecological zones in Ghana	MPhil	2019 - 2021
18	David Kpegah	The Evaluation of Laying Performance, Egg Quality, Fertility, Hatchability and Chick Quality of SA51A and SA31L Broiler Breeders in Ghana	MPhil	2020-2022
19	Collins Bawelle	Genetic Evaluation of Goats at the Kintampo Goat Breeding Station	MPhil	2020-2022
20	Michael Baafi	Growth Performance and Genetic Evaluation of Naked Neck and Normal Feathered Crossbreds	MPhil	2021-2023

21	Dennis Owusu Acheampong	The level of female reproductive hormones and egg production among naked-neck chickens	MPhil	2024-2025
22	Samuel Addo Antwi	The level of male reproductive hormones and sperm viability and fertility among naked-neck chickens	MPhil	2024-2025

(iv) Supervision of Undergraduate Students

I have supervised over one hundred BSc. Agriculture and BSc. Agricultural Biotechnology students within a period of thirteen years (2011-2024)

WORK EXPERIENCE/POSITIONS OUTSIDE THE UNIVERSITY

ORGANIZATION : **University of Cape Coast (UCC)**
DATE : June 2026
POSITION : **Assessment of Promotion**
DUTIES :

- Assessment of Promotion from Lecturer to Senior Lecturer

ORGANIZATION : **University of Cape Coast (UCC)**
DATE : April 2024
POSITION : **Assessment of Promotion**
DUTIES :

- Assessment of Promotion from Lecturer to Senior Lecturer

ORGANIZATION : **University of Energy and Natural Resources (UENR)**
DATE : June 2023
POSITION : **Assessment of Promotion**
DUTIES :

- Assessment of Promotion from Lecturer to Senior Lecturer

ORGANIZATION : **Ghana Tertiary Education Commission (GTEC)**
DATE : April 2023- Date
POSITION : **Assessor (Accreditation of Programmes)**
DUTIES :

- Assessment of programmes for accreditation in public and private universities
- Chairman/Member of a Panel to determine the suitability of programmes assessed.
- Chairman/Member of a Panel to submit reports on programmes assessed to GTEC.

ORGANIZATION : **World Poultry Science Association-Ghana Branch (WPSA-GHB)**
DATE : 2022 – Date
POSITION : **President**
DUTIES :

- Day to day management of the association in Ghana

- Regular Communication with the World Headquarters
- Recruitment of new members
- Coordination of programmes
- Organization of seminars, conferences, etc.

ORGANIZATION : **University for Development Studies (UDS)**
DATE : 2021 – 2022
POSITION : External Examiner
DUTIES :

- Assessment of Examination Questions and Marking Schemes
- Assessment of Students’ marked scripts and computation of marks
- Assessment of undergraduate dissertation
- Assessment of postgraduate thesis

ORGANIZATION : **Centre for Capacity Building and Innovation - KNUST**
DATE : 2021 – 2023
POSITION : Facilitator for MasterCard Scholars Short Course
DUTIES :

- Teach MasterCard Scholars “Principles of Poultry Production”
- Teach MasterCard Scholars the “Poultry Value Chain” and the business opportunities within the chain for their communities

ORGANIZATION : **Ghana Society of Animal Production (GSAP)**
DATE : 2019 – Date
POSITION : Vice President
DUTIES :

- Day to day management of the association
- Recruitment of new members
- Coordination of programmes
- Organization of conferences

ORGANIZATION : **University of Cape Coast (UCC)**
DATE : 2018 – 2020
POSITION : External Examiner
DUTIES :

- Assessment of Examination Questions and Marking Schemes
- Assessment of Students’ marked scripts and computation of marks
- Assessment of undergraduate dissertation
- Assessment of postgraduate thesis

ORGANIZATION : **Food and Agricultural Organization (FAO) of the United Nations (UN)**
DATE : September 2018 – December 2018
POSITION : National Consultant
DUTIES :

- Nationwide poultry value chain profiling
- Detailed assessment of the Ghanaian broiler industry
- Provision of a model for nationwide broiler production

ORGANIZATION : **Ghana Poultry Project (GPP)**
DATE : 2016 - 2018
POSITION : Consultant
DUTIES :

- Designing Scientific Demonstrations
- Supervision of Scientific Demonstrations
- Data analysis and submission of report on Scientific Demonstrations
- Provision of Technical Backstopping during information dissemination on Scientific Demonstrations

ORGANIZATION : **Ghana Poultry Project (GPP)**
DATE : March 2018 – September, 2018
POSITION : Consultant
DUTIES :

- Designing sensitization materials to help poultry farmers use testing facilities
- Development of standard presentations that will be used by District Veterinary Officers to train farmers on how to use testing facilities
- Development of Laboratory Directory for poultry farmers
- Provision of Technical Backstopping at various workshops to help farmers use testing facilities

ORGANIZATION : **Akate Farms and Trading Co. Ltd.**
DATE : 2009 – 2017
POSITION : Poultry Breeding Consultant
DUTIES :

- Supervision Research Assistants
- Designing research activities
- Writing monthly reports
- Presentation of research results to the organization

ORGANIZATION : **Council for Technical and Vocational Education Training (COTVET) and Skill Development Fund (SDF) Projects at KNUST**
DATE : 2013, 2015-2018
POSITION : Consultant
DUTIES :

- Training Poultry Farmers on biosecurity
- Training on increasing productivity through effective management practices

PRESENTATIONS AT SYMPOSIA/SEMINARS

- **Climate change adaptation in poultry (Invited Speaker)** – Presented at the third Pan-African Poultry Congress held in Pretoria, South Africa, September 21-24, 2025.
- **Development of climate-smart chickens for sustainable poultry production in Africa (Invited Speaker)** – Presented at the 2024 VIV African Poultry Show held in Kigali, Rwanda, October 1-3, 2024.
- **Developing a sustainable broiler value-chain in Africa (Invited Speaker)** – Presented at the 2024 VIV African Poultry Show held in Kigali, Rwanda, October 1-3, 2024.
- **Development of chickens adapted to the tropical environment** – Presented at the Third KNUST National Hatchery Training Workshop under the theme: “Building the capacity of

local hatcheries for women and smallholder farmers' success". This was held at the IDL Conference Centre, KNUST, May 6-10, 2024.

- **Vaccination and hatchery biosecurity** – Presented at the Third KNUST National Hatchery Training Workshop under the theme: “Building the capacity of local hatcheries for women and smallholder farmers' success”. This was held at the IDL Conference Centre, KNUST, May 6-10, 2024.
- **Commercial chicken breeds in Ghana and breeder management** – Presented at the Third KNUST National Hatchery Training Workshop under the theme: “Building the capacity of local hatcheries for women and smallholder farmers' success”. This was held at the IDL Conference Centre, KNUST, May 6-10, 2024.
- **Commercial poultry production in Ghana: current state, challenges and the way forward.** Presented at the National Seminar organized by the Ghana Branch of the World Poultry Science Association at the Ebenezer Presbyterian Church Hall, Osu, Accra. December 6, 2023.
- **Poultry Housing and Production Systems** – Presented at the Second KNUST National Hatchery Training Workshop under the theme: “Bridging the gap in chick quality to increase saleable chick numbers”. This was held at the AGRA Building, Faculty of Agriculture, KNUST, March 22-26, 2021
- **Genetic Improvement of Chickens in Ghana** - Presented at the Second KNUST National Hatchery Training Workshop under the theme: “Bridging the gap in chick quality to increase saleable chick numbers”. This was held at the AGRA Building, Faculty of Agriculture, KNUST, March 22-26, 2021
- **Access and benefits sharing for the local poultry conservation and value development in West Africa** – Presented at a workshop for poultry value chain actors in West Africa, organized by the African Union International Bureau for Animal Resources at Miklin Hotel, Accra, Ghana, March 15-19, 2021
- **Performance of broiler chicks from various hatcheries in Ghana** – Presented at Miklin Hotel in Kumasi at a Seminar organized by Ghana Poultry Project (GPP) under the auspices of USDA for Poultry Farmers in February 2020
- **Effect of pelleted feed on growth performance and carcass characteristics of broilers** - Presented at Miklin Hotel in Kumasi at a Seminar organized by Ghana Poultry Project (GPP) under the auspices of USDA for Poultry Farmers in February 2020
- **Development of climate-smart chickens** – Presented at AGRA Building in KNUST at a Symposium jointly organized by GPP and KNUST for all Hatchery Operators in Ghana in July 2019
- **Poultry Breeder Production and Management** – Presented at AGRA Building in KNUST at a Symposium jointly organized by GPP and KNUST for all Hatchery Operators in Ghana in July 2019
- **Biosecurity in the Hatchery** – Presented at AGRA Building in KNUST at a Symposium jointly organized by GPP and KNUST for all Hatchery Operators in Ghana in July 2019
- **Biosecurity in Poultry Farms**– Presented in nine regions of Ghana at different times at a Seminar organized by the Ghana National Association of Poultry Farmers with funding from the Skill Development Fund (SDF) between 2015 and 2017.
- **Poultry Housing** - Presented in nine regions of Ghana at different times at a Seminar organized by the Ghana National Association of Poultry Farmers with funding from the Skill Development Fund (SDF) between 2015 and 2017.
- **Enhancing poultry productivity through effective management** - Presented in nine regions of Ghana at different times at a Seminar organized by the Ghana National Association of

Poultry Farmers with funding from the Skill Development Fund (SDF) between 2015 and 2017.

- **Marketing of poultry and its products** - Presented in nine regions of Ghana at different times at a Seminar organized by the Ghana National Association of Poultry Farmers with funding from the Skill Development Fund (SDF) between 2015 and 2017.

TRAINING WORKSHOPS ORGANIZED

- July 2019: First KNUST National Hatchery Workshop under the theme: Best management practices in hatchery operations. Held at the AGRA Building, Faculty of Agriculture, KNUST, July 8-12, 2019. Role: Organizer and Trainer.
- July 2020: Training of trainers (ToT) workshop on the use of a newly developed modules to train rabbit farmers. Held at the Lecture Theatre, Faculty of Agriculture, KNUST, July 22-24, 2020. Role: Organizer and Trainer
- August 2020: Training of rabbit farmers in a newly developed modules in rabbit production. Held at the Lecture Theatre, Faculty of Agriculture, KNUST, August 12-21, 2020. Role: Organizer and Trainer.
- March 2021: Second KNUST National Hatchery Workshop under the theme: Bridging the gap in chick quality to increase saleable chick numbers. Held at the AGRA Building, Faculty of Agriculture, KNUST, March 22-26, 2021. Role: Organizer and Trainer.
- May 2024: Third KNUST National Hatchery Training Workshop under the theme: “Building the capacity of local hatcheries for women and smallholder farmers’ success”. This was held at the IDL Conference Centre, KNUST, May 6-10, 2024. Role: Co-organiser and Trainer
- July 2025 Training of trainers’ workshop for poultry value-chain actors under the theme “Curriculum for husbandry practices in the poultry value-chain”, held in the Impact building, KNUST, July 1-6, 2025.
- September 2025 Third Joint Biennial Conference of GSAP and GASA under the theme “The role of animal agriculture in national development in an era of artificial intelligence”, held at the Amonoo-Neizer Conference Centre, KNUST, Kumasi, September 15-19, 2026.

ATTENDANCE AND PRESENTATION AT CONFERENCES

DATE	CONFERENCE	PAPER PRESENTED
September 2023	Second Joint GSAP-GASA Conference, KNUST, Kumasi	Sabbah, D., Adomako, K. , Gyamfi, E. and Olympio, O. S. (2023). Effects of Storage Condition and Duration on the Quality Characteristics of Table Eggs from Lohmann Brown Layers.
May 2023	Second Pan-African Poultry Congress, Lome, Togo	Adomako, K. , Agyemang, S. A. and Olympio, O. S. (2023). Effect of Turmeric Rhizome Powder (<i>Curcuma Longa</i>) on Growth Performance and Carcass Characteristics of Broilers

August 2022	26th World's Poultry Congress, Paris, France.	Adomako, K. , Sovi, S., Hamidu, J. A. and Olympio, O. S. (2022). Does the presence of single genes such as naked neck (Na) and frizzle (F) significantly affect the overall genetics of chicken?
August 2021	1 ST GSAP-GASA Joint Conference, Tamale, Ghana	Sovi, S., Adomako, K. , Hamidu, J. A. and Olympio, O. S. (2021). Whole Genome SNP Sequencing of Commercial Crossbred Chickens and Indigenous Chicken Ecotypes from Three Agro-Ecological Zones in Ghana.
August 2021	1 ST GSAP-GASA Joint Conference, Tamale, Ghana	Adomako, K. , Marfo, E., Bawelle, C., Hamidu, J. A. and Olympio, O. S. (2021). The Influence of Naked Neck Gene on the Linear Body Measurements and the Correlation Between Body Weight and Linear Body Measurements of the Local-Exotic Crossbred Chickens.
August 2021	1 ST GSAP-GASA Joint Conference, Tamale, Ghana	Adomako, K. , Hamidu, J. A., Olympio, O. S., Tuoho, B. K., Enu, R. and Agbehornovi, E. (2021). Effect of Pelleted Feed on Growth Performance of Broilers
August 2021	1 ST GSAP-GASA Joint Conference, Tamale, Ghana	Asare, L., Hamidu, J. A., Adomako, K. , Karikari, P. K. and Olympio, O. S. (2021). Effects of Storage Temperature and Storage Duration on Quality of Hatching Eggs of Broiler Breeders.
July 2019	7 TH All African Conference on Animal Agriculture (7th AACAA), International Conference Centre, Accra, Ghana (Abstr.)	Kwarteng, E., Adomako, K. , Hamidu, J. A. and Olympio, O. S. (2019). Components of the total cost of production in poultry: A case study in Kwabre and Atwima Nwabiagya Districts of Ashanti Region

August 2014	32 nd Biennial Conference of Ghana Animal Science Association, Tamale, Ghana	Hamidu, J.A, V. Kyeiwaa, D. Bobie-Ansah, C. A. Brown, C. C. Atuahene, and K. Adomako . 2014. Effect of feed withdrawal timing on broiler carcass yield.
August 2014	32 nd Biennial Conference of Ghana Animal Science Association, Tamale, Ghana	Awal, S. A., K. Adomako , J. A. Hamidu, and O. S. Olympio, 2014. Egg quality characteristics of Lohmann brown classic and Lohmann LSL classic layers.
August 2014	32 nd Biennial Conference of Ghana Animal Science Association, Tamale, Ghana	Agbenorhevi, B. J., J. A. Hamidu, K. Adomako , and O. S. Olympio. 2014. Hatchery conditions affecting chicken egg hatching performance.
August 2014	32 nd Biennial Conference of Ghana Animal Science Association, Tamale, Ghana	Hamidu, J. A., K. Adomako , J. M. Senanu, J. B. Frimpong, and F. R. K. Bonsu. 2014. Comparative analysis of local and foreign hatched day old broiler chicks in Ghana.
July 2014	Poultry Science Association, Annual Meeting, Texas A&M University, Corpus Christi, Texas, U.S.A.	Adomako, K. D. Addison, J. A. Hamidu, and O. S. Olympio. 2014. Pterylosis of the dorsal, ventral and lateral tracts of naked neck, frizzled, and normal feathered birds.
July 2014	Poultry Science Association, Annual Meeting, Texas A&M University, Corpus Christi, Texas, U.S.A.	Ansah, A. Y., J. A. Hamidu, K. Adomako , and A. Addo. 2014. The effects of egg storage conditions on egg and blastoderm quality in naked neck birds.
July 2013	18 th Biennial Conference of the Ghana Society of Animal Production, University of Ghana, Legon, Ghana	Adomako, K. , Olympio, O.S., Hamidu, J.A., Akortsu, F.D., Aboagye Poku, R. and Djang-Fordjour, H. (2013). Effects of Genotype and Feather Colour on Egg Quality Traits of Local-Exotic Crossbreds.
July 2013	18 th Biennial Conference of the Ghana Society of Animal Production, University of Ghana, Legon, Ghana	Adomako, K. , Olympio, O.S. and Hagan, J. K. (2013). Growth Performance of Crossbred Frizzle (FF, Ff) and Normal Feathered (ff) Cockerels.
July 2013	18 th Biennial Conference of the Ghana Society of Animal Production, University of Ghana, Legon, Ghana	Addison, D., Olympio, O. S., Adomako, K. , Hamidu, J.A., Aboagye Poku, R. and Djang-Fordjour, H. (2013). The Effect of Three Different Feather Genotypes on the Laying Performance of Two Lines of Layer Parents.

July 2013	18 th Biennial Conference of the Ghana Society of Animal Production, University of Ghana, Legon, Ghana	Dunga, G. T., Olympio, O. S., Adomako, K. , Hamidu, J.A., Aboagye Poku, R. (2013). The Effect of the Naked neck (<i>Na</i>) and Frizzling (<i>F</i>) Genes on the Feather Arrangement of Chickens.
August 2012	31 st Biennial Conference of the Ghana Animal Science Association, ARI, Accra, Ghana	Adomako, K. , Olympio O. S. and Hagan, J. K. (2012). Egg Production Performance of Frizzle and Normal feathered Crossbred Pullets.
August 2012	31 st Biennial Conference of the Ghana Animal Science Association, ARI, Accra, Ghana	Adomako, K. , Hagan, J. K. and Olympio O. S. (2012). Growth Performance of Crossbred Naked neck and Normal feathered Cockerels.

TRAINING PROGRAMMES/WORKSHOPS ATTENDED

January 2026	Short course in poultry production and processing, University of Georgia, United States of America, January 18-24
June 2025	Short Course in feed manufacturing, International Grains Program, Kansas State University, United States of America, June 22-29, 2025
October 2024	Leadership conference on “Sustainability of Poultry Value Chains in Africa”, which was organized by VIV (Netherlands) at the VIV 2024 Africa Poultry Show in Kigali, Rwanda. October 1-3, 2024.
October 2024	World Poultry Science Association (WPSA) and the African Poultry Network Seminar on trends, challenges and opportunities within the African poultry value-chain organized at the 2024 African Poultry Show in Kigali, Rwanda. October 1-3.
August 2024	Training programme on effective teaching: the Digital Educator organized by UNESCO Mahatma Ghandhi Institute of Education for Peace and Sustainable Development (MGIEP). Online
August 2024	Training programme on effective teaching: the Social Emotional Educator organized by UNESCO Mahatma Ghandhi Institute of Education for Peace and Sustainable Development (MGIEP). Online
April 2024	Training programme on biosecurity in poultry farms organised by Zoetis Company Limited in Kumasi at the Lancaster Hotel and some selected poultry farms.
March 2022	Training programme on Animal Breeding and Genomics organised by African Animal Breeders Association (AABA) and International Livestock Research Institute (ILRI). Online
August 2018:	Training on Improving Quality of Higher Education Through Effective Measurement and Evaluation. KNUST Eighth Summer School which was held at the Great Hall, KNUST
July 2018:	Training on research grant proposals organised by KNUST Office of Grants and Research (OGR) and WABER Conference at IDL Conference Hall, KNUST, Kumasi

- Sept. 2017: Full proposal consultative meeting on the “*development of climate-smart chickens*” with animal breeding and molecular science experts from Aarhus University, Denmark and the University of Georgia, USA.
- August 2017: Training on Technology, Manpower Training and Development. Seventh Edition of the KNUST Summer School which was held in August 2017 at the Great Hall, KNUST, Kumasi.
- March 2016: Attended a workshop for Borlaug Fellows on how to make impact after Borlaug Fellowship, which was held in the ICIL Building, KNUST, Kumasi.
- Nov. 2015, Training in the running of PCR and RT-PCR. Nutrigenomics Laboratory, Department of Poultry Science, University of Georgia, USA.
- Oct 2015, Training in the use of various methods to isolate DNA from chicken blood. Nutrigenomics Laboratory, Department of Poultry Science, University of Georgia, USA.
- Oct 2015, Training in RNA extraction from various tissues of chicken and construction of complimentary DNA. Nutrigenomics Laboratory, Department of Poultry Science, University of Georgia, USA.
- Sept 2015, Training in sampling of chicken tissues such as the hypothalamus, *Pectoralis major and minor*, kidney, liver, ileum and duodenum. Poultry Research Centre, Department of Poultry Science, University of Georgia, USA.
- April 2013, Further training in poultry production and management: nutrition and veterinary aspects. Organized by the Israel Agency for International Development (MASHAV) and held at the Faculty of Agriculture of the Hebrew University of Jerusalem at Rehovot, Israel.
- Sept 2012 Crop-Livestock Integration, a training programme organized by the International Livestock Research Institute (ILRI) in Collaboration with the Animal Research Institute (ARI) in Tamale, 19th to 22nd September, 2012

EXTERNAL ASSESSMENT OF THESIS

INSTITUTION	DATE	THESIS TITLE	DEGREE
University of Cape Coast (UCC)	JUNE-JULY 2017	<i>The effect of a 3x3 full diallel crossing on the growth and reproductive performance of three rabbit breeds reared under warm and humid environments in Ghana</i>	MPHIL
University of Cape Coast (UCC)	SEPTEMBER-OCTOBER 2017	<i>Response of cobb 500 broiler birds fed maize-soyabean meal basal diet supplemented with lysine and methionine on growth performance and carcass parameters</i>	MPHIL
University of Cape Coast (UCC)	JULY – AUGUST 2018	<i>Assessment of growth performance and carcass characteristics of broiler guinea fowls (<i>numida meleagris</i>) fed diets containing varying levels of RE3TM probiotics</i>	MPHIL

University of Education, Winneba (UEW)	JULY - AUGUST 2020	<i>Relative Economic Value of Traits in the Guinea Fowl (Numida meleagris)</i>	<i>MPHIL</i>
University of Cape Coast (UCC)	JULY- AUGUST 2020	<i>Characterization and Analysis of Factors Influencing the Performance Of The West African Dwarf Goat in Ghana</i>	<i>PHD</i>
University of Education, Winneba	AUGUST 2021	<i>Nutritional Management of Reproductive Wastage in Local Guinea Fowl (Numida meleagris) Using Different Levels of Moringa (Moringa oleifera) Leaf Meal</i>	<i>PHD</i>
University of Ghana	NOVEMBER 2021	<i>Genetic Analysis Of Local Chicken Ecotypes Of Ghana Challenged With Newcastle Disease Virus</i>	<i>PHD</i>
University of Ghana	NOVEMBER 2021	<i>Polymorphism of Selected Candidate Genes in Ghanaian Sheep Breeds</i>	<i>MPHIL</i>
University of Fort Hare, South Africa	DECEMBER 2021	<i>Effect of Pomegranate (Punica granatum L) peel powder meal on growth performance, gut integrity, haemato-biochemical indices, meat and bone quality of broiler chickens</i>	<i>PHD</i>
University of Ghana	JULY 2022	<i>Association Between Single Nucleotide Polymorphisms in Insulin-Like Growth Factor 1 and Insulin-Like Growth Factor 2 Genes and Growth Traits, and Survivability in Three Local Chicken Ecotypes Of Ghana</i>	<i>PHD</i>
Akenten Appiah-Menka University of Skills Training and Entrepreneurial Development	AUGUST 2022	<i>Growth Potential of Four (4) Local Chicken (Gallus domesticus) Genotypes in the Sagnarigu Municipality of Ghana</i>	<i>MPHIL</i>
University for Development Studies	SEPTEMBER 2022	<i>Ecosystems-Based Management Strategies for Sustainable Small Ruminant Production in Irrigated and Rain-Fed Landscapes in Northern Ghana</i>	<i>PHD</i>
University of Lome, Togo	FEBRUARY 2023	<i>Response of Layer Chickens to the Dietary Inclusion of Aqueous Garlic Extract</i>	<i>PHD</i>
University of Ghana	MAY 2023	<i>Genomic Characterization of Local Pig (Sus scrofa) Genetic Resources of Ghana for Production, Reproduction and Adaptation Traits</i>	<i>PHD</i>

Akenten Appiah-Menka University of Skills Training and Entrepreneurial Development	MAY 2023	<i>Phenotypic Characterization of Guinea Pigs (Cavia Porcellus) in the Middle Belt of Ghana</i>	MPHIL
Akenten Appiah-Menka University of Skills Training and Entrepreneurial Development	JUNE 2023	<i>Two Indigenous Chicken Ecotypes and their Plumage Colour Effect on Growth and Reproductive Performance in Ghana</i>	MPHIL
University of Cape Coast	JUNE 2023	<i>Phenotypic Characterization of Guinea Pigs in Ghana</i>	MPHIL
University of Ghana	JANUARY 2024	<i>Farmer Preference, Growth, Egg Production, and Carcass Quality Analyses of Kuroiler Chickens in the Forest and Coastal Zones of Ghana</i>	MPHIL
University of Cape Coast	AUGUST 2024	<i>Assessment of Quality of Table Eggs from Different Layer Strains of Different Ages Reared Under Different Housing Systems Using Conventional (Breaking of Eggs) and Non-Conventional (NIR) Methods</i>	PHD
University of Cape Coast	JUNE 2026	<i>Phenotypic Diversity of Rabbits (Oryctolagus cuniculus) Populations in Some Selected Agro-Ecological Zones in Ghana</i>	PHD

MEMBERSHIP OF NATIONAL/INTERNATIONAL COMMITTEES OR PANELS

MEMBER, National Planning Committee for All African Conference on Animal Agriculture (7th AACAA) held at the International Conference Centre, Accra, Ghana in July, 2019. About 1000 African and International Participants attended the 7th AACAA.

RESOURCE PERSON, Research- Extension Linkage Committee (RELC) Planning Session, Department of Agriculture, Oforikrom Municipal Assembly, Ghana held in July 2020.

MEMBER OF INTERVIEW PANEL (Animal Breeding and Genetics Expert), University Appointment and Promotions Committee Meeting to interview a candidate for appointment as a Lecturer in the area of Animal Breeding and Genetics, Akenten Appiah-Menka University of Skills Training and Entrepreneurial Development, Ghana held in April 2021.

PANEL MEMBER AND KEY STAKEHOLDER, Consultative Meeting held on 28th July 2021 by the Ministry of Food and Agriculture on the preparation of project proposal on maize and soya bean value chains development for Small to Medium Scale Poultry Farmers in the Transitional Agro-

ecological Zone of Ghana. This proposal was in response to the 2021 Global Agriculture and Food Security Programme call for proposals under the Public Sector Window.

MEMBER, National Planning Committee for a joint conference between Ghana Society of Animal Production and Ghana Animal Science Association which was held at the International Conference Centre, University for Development Studies, Tamale, Ghana in August 2021. About 400 Local and International Participants are expected to attend.

MEMBER, National Planning Committee for a joint conference between Ghana Society of Animal Production and Ghana Animal Science Association to be held at the IDL Conference Centre, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana in August-September 2023. About 600 Local and International Participants are expected to attend.

MEMBER, National Planning Committee for a joint conference between Ghana Society of Animal Production and Ghana Animal Science Association to be held at the IDL Conference Centre, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana in August-September 2023. About 200 Local and International Participants attended.

CHAIRMAN, Proposal Review Committee for Diploma and BSc Food Manufacturing Programmes, KNUST, Kumasi. June 2023.

CHAIRMAN, Applications for Employment Review Committee, Department of Animal Science, KNUST, Kumasi, 2022 to Date.

CHAIRMAN, KNUST-Agri-Impact Project Phase II Steering Committee, College of Agriculture and Natural Resources, KNUST, Kumasi, August 2025.

AWARDS

- Borlaug Fellowship Award (42, 000 US Dollars)- University of Georgia, USA (Sep.- Nov., 2015)
- MASHAV Training in Poultry Production and Management Scholarship- Hebrew University of Jerusalem, Israel (April-May, 2013)
- KNUST Staff Development Programme Scholarship- KNUST, Kumasi, Ghana (2005 - 2009)

GRANTS

- Ghana Skill Development Fund (GSDF), (**GHS 3, 810, 330.40**). Development on curriculum for poultry husbandry for poultry value chain actors in Ghana. Team Member (2024)
- KNUST Research Fund (**GHS30, 000**). Development of climate-smart chickens: Molecular genotyping of naked neck and frizzle chickens. Principal Investigator (2019)
- Skill Development Fund (**GHS533, 800**). To develop innovative modules for rabbit production and management. Principal Investigator (2018 - 2019).
- Ghana Poultry Project (**GHS130, 000**). To retool the Nutrition Laboratory at the Department of Animal Science. Principal Investigator (2018 - 2019).
- A Team Member for **GHS30, 000** research grant received from KNUST Research Fund to conduct research on the “*Assessing the impact of housing systems, arrival time and thermal manipulation of broiler chicks on broiler economy of production and wellbeing*”. July 2020 – to date
- A Team Member for **GHS 562,452.00** research grant received from the Skill

Development Fund to *develop innovative modules to train hatchery operators in Ghana*.
December 2018 – August 2020.

- SDF-COTVET Consultancy (**GHS 700, 000**). To train poultry farmers in nine regions of Ghana. Team member (2015-2017).
- Grand Challenge Canada (Bold Idea with Bold Impacts): Promoting nutritious egg consumption in rural Ghana: A new paradigm in healthy childhood. Team member (KNUST-Kumasi, 2014, \$ **122,000 CAN**).
- SDF-COTVET Consultancy (**GHS 80, 000**). To train poultry farmers in two districts of Ghana. Team member (2013-2014, Ashanti Region, Ghana).
- BEST Canada Project (**CAD 77,262**). Effects of probiotics on the performance of poultry, pigs and sheep. Team member (2011-2012, KNUST, Kumasi, Ghana).

REVIEW OF ARTICLES AND EDITORIAL WORK

- **Editor**, Ghanaian Journal of Animal Science – 2017 to Date
- **Reviewer**, Ghanaian Journal of Animal Science – 2012 – Date
- **Reviewer**, Ghanaian Journal of Agricultural Science - 2023
- **Reviewer**, Poultry Science (USA), The leading International Journal in Poultry Science – 2017 – Date
- **Reviewer**, Plos One, One of the leading Scientific Journals in the World – 2022 - Date

AFFILIATIONS

- World Poultry Science Association (WPSA)
- African Society of Animal Production (ASAP)
- African Animal Breeding Network (AABNet)
- Ghana Society of Animal Production (GSAP)
- Ghana Animal Science Association (GASA)
- University Teachers Association of Ghana (UTAG)
- Alumni, MASHAV Fellows (Israel)
- Alumni, KNUST (Ghana)
- Old Students Association, Prempeh College

SOME SELECTED PUBLICATIONS

1. Acheampong, D. O., **Adomako, K.**, Kyei, B. (2026). Integrated assessment of growth performance, carcass characteristics, and economic efficiency of three broiler strains raised under humid-tropical conditions. PLoS One 21(6): e0351927.
<https://doi.org/10.1371/journal.pone.0351927>
2. Kyei, B., Asumah, C., Appiah, P., Musah, H., Twumasi, S. A., Asumah, E., Galaa, R., Anane, E., Anaaba, F., Siaw, C., Anane, P. B., Asare, G. O., Forson, J. and **Adomako, K.** (2026). Comparative analysis of the effect of genotype on the growth performance, carcass characteristics and economic efficiency of Cobb 500 and Ross 308 modern commercial broiler chickens raised in the tropics. Poultry Science, 105 (3):106346.
<https://doi.org/10.1016/j.psj.2025.106346>
3. Mujiyambere V., **Adomako K.**, Ntawubizi M., Nyinawamwiza L, Uwihirwe J., Kena A. W (2025) Genetic diversity and relationship of Bugesera and Rwamagana indigenous chicken populations with SASSO chickens using DArTseq SNPs. PLoS One 20(9): e0331316.
<https://doi.org/10.1371/journal.pone.0331316>

4. Opoku B, Osekre E. A, **Adomako K**, Hagan B. A, Opit G. P and Bosomtwe, A. (2025). Evaluation Of Zerofly Hermetic and Polypropylene bags for preserving maize for improved layer production in Ghana. *African Journal of Food, Agriculture, Nutrition & Development*, 25(2): 26141-26162. <https://doi.org/10.18697/ajfand.140.24815>
5. Asante, B., **Adomako, K.**, Konlan, S.P., Hagan, B.A. and Olympio, O.S. (2025). Soybean meal as a substitute for fish meal in broiler chicken diet on growth performance and carcass characteristics. *Ghanaian Journal of Animal Science*, 16(1): 26-35. <https://dx.doi.org/10.4314/gjansci.v16i1.3>
6. **Adomako, K.** and Asamoah, L. (2025). Effects of naked neck and frizzle genes on growth and egg-laying performance of chickens in the tropics in an era of climate change. *International Journal of Biometeorology*, 69: 709–724. <https://doi.org/10.1007/s00484-025-02853-3>
7. Kanasuah, D. N., **Adomako, K.**, Hagan, B. A. and Olympio, O. S. (2025). Influence of feather genotype, storage duration and temperature on the external and internal qualities of chicken table eggs. *Online Journal of Animal and Feed Research*, 15(1): 21-32. DOI: <https://dx.doi.org/10.51227/ojafr.2025.4>
8. Dunga, G. T., **Adomako, K.**, Hagan, B. A., Hamidu, J. A. and Olympio, O. S. (2025). The effects of naked neck and frizzle genes on the fertility, hatchability, egg quality and pterylosis of locally developed commercial layer parent lines. *Tropical Animal Health and Production*, (2025) 57:86. <https://doi.org/10.1007/s11250-025-04335-5>
9. Kpegah, D.K., **Adomako, K.** and Olympio, O. S. (2024). The Evaluation of Laying Performance, Egg Quality, Fertility, Hatchability, and Chick Quality of SA51A and SA31L Broiler Breeders in Ghana. *Ghanaian Journal of Animal Science*, 15 (1): 34 – 43.
10. **Adomako, K.**, Kwadwo, T., Benni, D. K., Kwaning, J., Asante, N. K., Nyaaba, A. J. Abdulai, S. and Appoh, S. (2024). Effect of Different Sources of Drinking Water on the Growth Performance, Carcass Characteristics, and Hematological Indices of Broiler Chickens. *Ghanaian Journal of Animal Science*, 15 (1): 44 – 52.
11. Opoku, B., Osekre, E. A., Opit, G. P., Bosomtwe, A., & **Adomako, K.** (2024). Efficacy of Zerofly® Hermetic and Polypropylene Storage Bags for Conservation of Maize in Layer Poultry Farms in Ghana. *African Journal of Food, Agriculture, Nutrition & Development*, 24(9).
12. Mujiyambere, V., **Adomako, K.**, & Olympio, O. S. (2024). Effectiveness of DArTseq markers application in genetic diversity and population structure of indigenous chickens in Eastern Province of Rwanda. *BMC genomics*, 25(1), 193.
13. Sovi, S., **Adomako, K.**, Kyei, B., Kena, A. W., Olympio, O. S., & Aggrey, S. E. (2024). A comparative study of population structure and genetic diversity of commercial and indigenous chickens from different ecological zones in Ghana using SilicoDArT and SNP markers. *Gene*, 148823.
14. **Adomako, K.**, Sovi, S., Kyei, B., Hamidu, J. A., Olympio, O. S., & Aggrey, S. E. (2024). Phenotypic characterization and analysis of genetic diversity between commercial crossbred and indigenous chickens from three different agroecological zones using DArT-Seq technology. *Plos One*, 19(5), e0297643.
15. **Adomako, K.**, Appoh, S., Clottey, N. K. P., Acheampong, A. K., Ampofo, J. A., Deku, G., & Olympio, O. S. (2024). Effect of High Fibre Diets on the Post-weaning Growth Performance of

Rabbits. *Ghana Journal of Science, Technology and Development*, 10(1), 19-26.

16. **Adomako, K.**, Ahiabli, B. Y., Hamidu, J. A., Olympio, O. S., & Yeboah, E. (2024). Biosecurity Within Poultry Farms in the Ashanti Region of Ghana. *Proceedings of the National Academy of Sciences, India Section B: Biological Sciences*, 94(2), 351-358.
17. Opoku, B., Osekre, E. A., **Adomako, K.**, Amoah, K. O., Opit, G. P., & Bosomtwe, A. (2024). The Growth Performance, Carcass Characteristics and Blood Profile of Broilers Fed on Yellow Maize Stored in Polypropylene and Zerofly® Hermetic Bags. *African Journal of Food, Agriculture, Nutrition & Development*, 24(7).
18. Habashy, W. S., **Adomako, K.**, & Abdel-Rahman, M. M. (2023). Molecular Characterization of the NRAMP1 Gene and Blood Parameters of Sinai and Lohman Brown Chickens in Egypt. *Journal of World's Poultry Research*, 13(2), 206-215.
19. Mensah, P., **Adomako, K.**, Hagan, B.A., Hamidu, J.A. and Olympio, S.O. (2023). Qualitative mutant traits within the indigenous chicken population in selected ecological zones of Ghana. *Scientific African*, 20, 2023: e01695. <https://doi.org/10.1016/j.sciaf.2023.e01695>.
20. Habashy, W. S. and **Adomako, K.** (2023). The relationship between egg production, reproductive hormones, and the GDF9 gene in three different chicken strains. *Animal Gene*, 27 ©: 200147. <https://doi.org/10.1016/j.angen.2023.200147>
21. Aggrey, S.E., Ghareeb, A.F.A., Fuller, A.L., Milfort, M.C., Foutz, J.C Schneiders, G. H., Habashy, W.S., **Adomako, K.** and Rekaya, R. (2022). Host transcriptome response of meat-type chickens infected with *Eimeria maxima* and reared under heat stress environment. *Proceedings of the 12th World Congress on Genetics Applied to Livestock Production held in Rotterdam, The Netherlands*. Pages 2441-2444. DOI: [10.3920/978-90-8686-940-4_589](https://doi.org/10.3920/978-90-8686-940-4_589)
22. Bineadeo, R. T., **Adomako, K.**, Olympio, O. S., Azu, M. M. and Frimpong, Y. O., Osei, A. and Ankamah, I. (2022). Effects of the naked neck phenotype and feed withdrawal on growth performance and carcass characteristics of F1 crossbred broilers from a cross between local naked neck males and Hubbard Flex 15 broiler females. *African Journal of Agricultural Research*, 18(8): 601-607. DOI: 10.5897/AJAR2022.16044
23. Anane, I. O., **Adomako, K.**, Hamidu, J. A. and Olympio, O. S. (2022). Effects of feed restriction and early age thermal conditioning on growth performance and carcass characteristics of meat-type chickens. *Ghana Journal of Agricultural Science*, 57 (2), 50–61-50–61.
24. Azu, M.M., Bineadeo, R. T., **Adomako, K.**, Olympio, O. S. and Frimpong, Y. O. (2022). Influence of the Naked Neck Gene on the Productivity of Meat Type Chickens under Humid Tropical Conditions. *International Journal of Veterinary Science and Agriculture Research*, 4 (5):2582-4112. www.ijvsar.com.
25. Amexo, V. E., **Adomako, K.**, Hagan, B. A., Hamidu, J. A., Gakpetor, G. and Olympio, O. S. (2022). Phenotypic Characterisation of Local-Exotic Naked Neck Crossbred and Normal Feathered Chicken Population. *Ghanaian Journal of Animal Science*, 13 (1): 1-12.
26. Gakpetor, G., **Adomako, K.**, Hamidu, J.A., Amexo, V. E. and Olympio, O. S. (2022). The Effects of Feather Type and Colour on Egg Production and Quality Characteristics of Local-Exotic Crossbred Layers. *Ghanaian Journal of Animal Science*, 13 (1): 37- 48.
27. **Adomako, K.**, Sovi, S., Hamidu, J. A. and Olympio, O. S. (2022). Does the presence of single genes such as naked neck (Na) and frizzle (F) significantly affect the overall genetics of chicken? *Proceedings of the 26th World Poultry Congress, Paris, France*. Abstract #1998.

28. Asumah, C., **Adomako, K.**, Olympio, O. S., Hagan, B. A. and Yeboah, E. D. (2021). Influence of thermoregulatory (*Na & F*) genes on performance and blood parameters of F₂ and F₃ generations of crosses of local and commercial chickens. *Tropical Animal Health and Production* 54(4):207. DOI: [10.1007/s11250-022-03207-6](https://doi.org/10.1007/s11250-022-03207-6)
29. Mujiyambere, V., **Adomako, K.**, Olympio, O. S., Ntawubizi, M. Nyinawamwiza, L., Mahoro, J. and Conroy, A. (2021). Local chickens in East African region: their production and potential. *Poultry Science* 101(7):101547 DOI: [10.1016/j.psj.2021.101547](https://doi.org/10.1016/j.psj.2021.101547)
30. Addison, D., Olympio, O. S., **Adomako, K.**, Aryee, G. and Hamidu, J. A. (2020). The effect of three different feather genotypes on the laying performance of two lines of layer parents. *Livestock Research for Rural Development*, 32 (11), 2020.
31. Habashy, W. S., Milfort, M.C., **Adomako, K.**, Attia, Y. A., Rekaya, R. and Aggrey, S.E. (2017). Effect of heat stress on amino acid digestibility and transporters in meat-type chickens. *Poultry Science*, 96: 2312–2319. <http://dx.doi.org/10.3382/ps/pex027>
32. Aggrey, S. E., Habashy, W.S., Milfort, M. C., **Adomako, K.**, Fuller, A. L. and Rekaya, R. (2018). Molecular and cellular mechanisms that underlie genes and antioxidant enzyme activities in meat-type birds during heat stress. *Proceedings of the World Congress on Genetics Applied to Livestock Production*, 11. 600
33. **Adomako, K.**, Habashy, W.S., Milfort, M., Fuller, A., Rekaya, R. and Aggrey, S.E. (2016). Transcriptome analysis of genes in the protein biosynthesis and ubiquitin-proteasome pathways in meat-type chickens under heat stress. *Proc. 25th World's Poultry Congress, Beijing, China*.4-0011. (Abstract.)
34. Ayizanga R A, Kayang B B, **Adomako K**, Adenyo C, Inoue-Murayama M and Asamoah L. (2016). Genetic diversity of some Ghanaian pigs based on microsatellite markers. *Livestock Research for Rural Development*. 28 (24) <http://www.lrrd.org/lrrd28/2/ayiz28024.html>
35. **Adomako, K.**, olympio, O. S., Hamidu, J. A. and Hagan, J. K. (2018). Growth Performance and Carcass Characteristics of Crossbred Frizzle (*FF, Ff*) and Normal Feathered (*ff*) Cockerels. *Ghanaian Journal of Animal Science*, 9 (2): 16-25
36. Okunko, P. H., Hamidu, J. A., **Adomako, K.**, Boateng, E. K. and Ansong, M. (2018). Assessing Incubator and Breeder Flock Performance for Increased Hatch: Case of a Local Exotic Layer Breeder Flock. *Ghanaian Journal of Animal Science*, 9 (2): 26-32
37. Hamidu, J. A, **K. Adomako**, S. Adamu, A. M. Ajaottor, G. J. Amankwah, K. M. Gyasi, E. M. Shiburah, J. O. Darko, and L. A. Konadu. (2018). Impact of layer egg storage conditions on eggs and embryo quality indices prior to incubation *Livestock Research for Rural Development*. Volume 30, Article #184. <http://www.lrrd.org/lrrd30/11/jaham30184.html>.
38. Brown, C. A., J. A. Hamidu, **K. Adomako**, and M. A. Okai (2018). Effects of omega-3 fatty acids enrichment with flaxseed oil and egg storage duration on egg quality. *Livestock Research for Rural Development*. Volume 30 Article #184. <http://www.lrrd.org/lrrd30/3/jaha30045.html>.
39. Addo, A., Hamidu, J. A., Ansah, A. Y. and **Adomako, K.** (2018). Impact of egg storage duration and temperature on egg quality, fertility, hatchability and chick quality in naked neck chickens. *Int. J. Poult. Sci.*, 2018. DOI: 10.3923/ijps.2018. <http://docsdrive.com/pdfs/ansinet/ijps/0000/88390-88390.pdf>

40. Ayizanga, R. A., Kayang, B. B., **Adomako, K.** and Asamoah, L. (2018). Rural pig production systems and breeding preferences of pig farmers in Northern Ghana. *Ghanaian Journal of Animal Science*, 9 (1): 49-57.
41. **Hamidu, J. A.**, Agbehadzi, R. K., Amexo, V. E., Brown, C. A and **Adomako, K.** (2017). Optimizing feed withdrawal time to assess broiler stress and welfare. *International Journal of Research Studies in Agricultural Sciences*, 3 (2):1 - 5.
42. Djang-Fordjour, H., Hamidu, J. A. and **Adomako, K.** (2017). Assessing incubation and performance deficiencies to boost broiler production. *American Research Journal of Agriculture*, 3:1 - 6.
43. Hamidu, J. A., V. Kyeiwaa, D. Bobie-Ansah, C. A. Brown, C. C. Atuahene, and **K. Adomako.** (2015). Optimizing feed withdrawal in broiler effect of feed withdrawal timing on broiler carcass yield in the tropics. *American Research Journal of Agriculture* 1:7-15.
44. **K. Adomako**, O.S. Olympio, J.K. Hagan & J.A. Hamidu (2014). Growth performance of crossbred naked neck and normal feathered laying hens kept in tropical villages. *British Poultry Science Journal*, 55 (6): 701-708
45. **K. Adomako**, O.S. Olympio, J.K. Hagan & J.A. Hamidu (2014). Effect of the frizzle gene (*F*) on egg production and egg quality of laying hens kept in tropical villages. *British Poultry Science*, 55 (6): 709-714
46. Hamidu, J. A., **Adomako, K.**, Senanu, J. M., Frimpong, J. B. and Bonsu, F. R. K. (2014). Comparative analysis of local and foreign hatched day old chicks in Ghana. *Ghanaian Journal of Animal Science*. 8 (1): 71-78.

REFERENCES

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