

## Christian Asumah, MSc.

### PERSONAL INFORMATION

**Residential Address:** 1 Kia Street, New Dormaa, Dormaa Ahenkro, Bono Region  
**Postal Address:** Department of Animal Production and Health, University of Energy and Natural Resources, P.O. Box 214, Sunyani, Ghana.  
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**Email:** [christian.asumah@uenr.edu.gh](mailto:christian.asumah@uenr.edu.gh) / [crissasumah@gmail.com](mailto:crissasumah@gmail.com)  
**Date of Birth:** 13<sup>th</sup> December, 1979  
**Place of Birth:** Drobo  
**Nationality:** Ghanaian  
**Languages spoken:** English, Twi

### EMPLOYMENT INFORMATION

**Occupation:** Lecturer  
**Staff No.:** PSM 364  
**Employer:** University of Energy and Natural Resources (UENR) Sunyani-Ghana  
**Department:** Animal Production and Health, School of Agriculture and Technology, Dormaa Ahenkro, Ghana.  
**Rank:** Lecturer - January, 2018 to date

### EDUCATION

**Institutions attended**  
St. James Seminary/Secondary, Sunyani -1998 to 2000  
University for Development Studies (UDS), Tamale - 2002-2006  
Kwame Nkrumah University of Science and Technology, Kumasi, Ghana - 2007 to 2015  
**Academic certificate & degrees earned**  
SSSCE-Senior Secondary School Certificate Examination  
BSc. Second Class (Honours), Upper Division (Agriculture) - 2006  
MSc. Animal Breeding and Genetics - 2015

### WORKING EXPERIENCE

**January, 2023** - Part time lecturer: Sunyani Technical University (STU)-Introduction to Animal breeding (GAG 263), 2<sup>nd</sup> year course in a three year programme.

**Production Manager** - Marina Poultry Farm Limited, Sokoto, Nigeria- April, 2011-May, 2013

### **Responsibilities/achievements**

1. Supervised the installation of over 100,000 capacity farm facilities including cages, silos, conveyor belts, etc.
2. Helped recruit, supervised and assigned duties, appraised and recommended worker for promotion.
3. Coordinated and supervised chicken growing programs (35,000 birds/pen) of the farm (closed and open houses).
4. Kept records of production (vaccination and medication, stocking regimes, feeding, etc.).
5. Capacity building and training of staff on emerging production issues and general farm management.
6. Prepared and presented monthly reports to management stating the current state of the production and outlining suggestions and recommendations.
7. Provision of technical advice that might advance the fortune and progress of farm business.

**Poultry Farm Manager** - Umuebe Farms Limited, May, 2013-July, 2015

### **Responsibilities/achievements**

1. Management of egg (70,000) birds in open house cage system (A-frame cages) and preparation of reports on vaccination, medication, stocking programme, and culling times.
2. Management of staff allocated to various units of horizontally integrated farm, assigned duties.
3. Organization of training sessions for farm attendants.

**Farm Manager** - B.M. Unity Farms, Dormaa Ahenkro, Ghana-September, 2016

### **Responsibilities/achievements**

1. Helped interview, recruit and supervise the activities of staff
2. Managed 20 pen attendants and 60,000 laying birds raised on floor.
3. Carried out vaccination/medication of stock and ensures basic biosecurity rules are adhered to.
4. Supervised feed mill operations, raw material acquisition, feed production and staff management

**Assistant lecturer (Part-time)** - Department of Animal Production and Health (DAPH), School of Agriculture and Technology (SOAT), University of Energy and Natural Resources (UENR), Dormaa Campus, Dormaa.  
From January, 2017 to January, 2018.

**Assistant Lecturer** - Department of Animal Production and Health (DAPH), School of Agriculture and Technology (SOAT), University of Energy and Natural Resources (UENR), Dormaa Campus, Dormaa.  
From January, 2018 to January, 2020.

**Lecturer - DAPH, SOAT, UENR, Dormaa Campus, Dormaa Ahenkro.**  
From January, 2020 to date.

**Courses taught:**

**ANIM 409:** Poultry Production and Farm Practice

**ANIM 407:** Anatomy and Physiology of Farm Animals

**ANIM 412:** Animal Health and Disease Management

**ANIM 303:** Animal breeding and Genetics I

**FOST 102:** Animal biology and evolution

**SOAT 205:** Production of monogastrics

**DANM 204:** Anatomy and physiology of farm animals (Diploma)

**SERVICE TO THE COMMUNITY**

**Member –**

**Member-** School board, University of Energy and Natural Resources, Sunyani – August 1<sup>st</sup>, 2023 to 2024.  
Academic board, University of Energy and Natural Resources, Sunyani – 1<sup>st</sup> August 2022 to 2023.

**Facilitator** - KNUST-ENI 'Okuafo pa Agribusiness Youth Training Project on Agribusiness'.

Responsibilities:

- i. Development of poultry module for practical training
- ii. Field training of trainees on poultry farming

**Feed Blend consultant** - D.K. Ampofo Farms and Company Limited, Dormaa Ahenkro on 28<sup>th</sup> February, 2018 to date.

## RESEARCH INTEREST

Phenotypic and molecular characterization of indigenous chickens

Comparative assessment of performance of poultry raised under tropical climates

Responsible Animal Production (Finding Natural Alternatives to Antimicrobial Growth Promoters, alternative feed ingredients)

## SKILLS

### **Computer skills**

Microsoft Office (MS Word, MS PowerPoint, MS Excel,)

### **Other skills**

Management of commercial poultry farms

## PROFESSIONAL AFFILIATION

- i. Member-World Poultry Science Association-2024
- ii. Member-International Society for Applied Ethology (ISAE)-2024
- iii. Member - University Teachers Association of Ghana - 2018 to Date
- iv. Member-Ghana Animal Science Association (GASA)-2020
- v. Member-Ghana Society of Animal Production (GSAP)-2020

## WORKSHOPS AND SEMINARS ATTENDED

**Resource person-** Data validation workshop organised by the International Livestock Research Institution (ILRI) on the 9<sup>th</sup> of October 2024, at the Airport View Hotel in the Airport Residential Area, Accra.

**Participant-** Dissemination workshop of the ILRI project on system dynamics modeling for animal diseases management and sustainable animal productivity (The Marek's Disease project). This workshop will be

held on the 10th of October 2024, at the Airport View Hotel in the Airport, Accra.

**Resource Person** - Antimicrobial Resistance (AMR), Farmer Field School (FFS) session in Kade and Dormaa Ahenkro. A training workshop organised by the FAO in collaboration with Ministry of Food and Agriculture (MoFA) on 9<sup>th</sup> and 14<sup>th</sup> March, 2022.

- i. Delivered on: Principles and importance of feeding in poultry production; Feeding and Nutrition with regards to AMR
- ii. Types of Feeds for Poultry and their sources. Feed Formulation. Alternative ingredients available for use
- iii. Use of prebiotics and probiotics, their roles and health benefits in poultry nutrition.

**Resource Person** - Antimicrobial Resistance (AMR), Farmer Field School (FFS) session at Hotel De Johnson, Dormaa Ahenkro. A training workshop organised by the FAO in collaboration with Ministry of Food and Agriculture (MoFA) on 9<sup>th</sup> November, 2020.

Delivered on:

- i. Principles and importance of feeding in poultry production; Feeding and Nutrition with regards to AMR
- ii. Types of Feeds for Poultry and their sources. Feed Formulation. Alternative ingredients available for use
- iii. Use of prebiotics and probiotics, their roles and health benefits in poultry nutrition.

**Participant** - Employment Creation along the Poultry Value Chain: Public Private Partnership Approach organized by GPP, USDA and AMPLIFIERS held at Eusbett Hotel, Sunyani on March, 21<sup>st</sup> -22<sup>nd</sup>, 2018

**Participant** - 16<sup>th</sup> Annual Terratiga seminar on nutrition held at Giginya Hotel, Sokoto on 16<sup>th</sup> April, 2013

**Participant** - Ghana Society of Animal Production, 16<sup>th</sup> Biennial Conference held at Kwame Nkrumah University of Science and Technology, Kumasi, Ghana held on 6<sup>th</sup> – 9<sup>th</sup> August, 2006.

**Participant** - Ghana Animal Science Association, at Radach Memorial Conference Centre, Tamale, Ghana held on the 18<sup>th</sup> – 21<sup>st</sup> August, 2004.

## [LIST OF PUBLICATIONS](#)

## Theses

1. **Asumah, C.** (2006). Production and Marketing of Pigs and Pork in the Tamale Metropolis of Ghana: BSc. Thesis, UDS, Tamale.
2. **Asumah, C.** (2015). Influence of Naked neck (*Na*) and Frizzle (*F*) Genes on Performance and Blood Parameters of F<sub>2</sub> and F<sub>3</sub> generations of crosses of local and commercial chickens. M.Sc. Thesis, KNUST, Kumasi

## CONFERENCE PROCEEDINGS

1. **Asumah, C.**, Yeboah, E. D., Inusa, S. O., Hagan, B. A. and Frimpong, Y. O. (2021). Management, Prospects and Constraints of Quail Farming In the Tamale Metropolis of Ghana. 1<sup>st</sup> Joint GSAP/GASA Conference on the theme “sustainable rearing for food and jobs in the era of Covid-19: The role of stakeholders in the animal industry” held on 24<sup>th</sup> -27<sup>th</sup> August, 2021, Tamale. Pp 514-521.
2. Hagan. B.A., **Asumah, C.**, Yeboah, E.D. and Lamptey, V.K. (2021). Modeling The Growth of Four Commercial Broiler Genotypes Reared in the Tropics.1<sup>st</sup> Joint GSAP/GASA Conference on the theme “sustainable rearing for food and jobs in the Era of Covid-19: The role of stakeholders in the animal industry” held on 24<sup>th</sup> -27<sup>th</sup> August, 2021, Tamale. Pp 130-141.
3. **Asumah C.**, Boison S.A. and Olympio O.S. (2009). Haematological and Serum Biochemical Indices of Normal Feathered Local Chickens and their Counterparts Carrying the Naked Neck (*Na*) and Frizzle (*F*) genes. Proceedings of 16<sup>th</sup> Ghana Society of Animal Production (GSAP), Faculty of Agriculture, College of Agriculture and Natural Resources, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana. August 5<sup>th</sup>-8<sup>th</sup>, 2009:91-94.
4. **Asumah C.**, Boison S.A. and Olympio O.S. (2009). Effect of the Naked Neck (*Na*) and Frizzle (*F*) genes on growth of indigenous chickens in the tropics. Proceedings of 16<sup>th</sup> Ghana Society of Animal Production (GSAP), Faculty of Agriculture, College of Agriculture and Natural Resources, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana. August 5<sup>th</sup>-8<sup>th</sup>, 2009:100-104.

## PUBLISHED PAPERS

1. **Asumah, C.**, Adomako, K., Olympio, O. S., Hagan, B. A. and Yeboah, E. D. (2022). Influence of thermoregulatory (*Na & F*) genes on performance and blood parameters of F<sub>2</sub> and F<sub>3</sub> generations of crosses of local and commercial chickens. *Tropical Animal Health and Production* 54:207, doi.org/10.1007/s11250-022-03207-6
2. **Asumah, C.**, Hagan, B.A., Yeboah, E.D., Frimpong, Y. O. and Teye, G.A. (2022). Production and marketing of pigs and pig products in the Tamale Metropolis of Ghana. *Ghanaian Journal of Animal Science*, 12(1), 59-66.
3. Hagan, B. A., Salifu, S., **Asumah, C.**, Yeboah, E. D. and Boa-Amponsem, K. (2022). Effects of genetic and non-genetic factors on body weight, pre-weaning growth, birth type and pre-weaning survivability of lambs in a sheep nucleus station. *Livestock research for rural development* 34(3).
4. Hagan. B. A., **Asumah, C.**, Yeboah, E.D. and Lamptey, V. K. (2022). Modelling the growth of four commercial broiler genotypes reared in the tropics. *Tropical Animal Health and Production* 54:75.

## REFEREES

### **Prof. K. Adomako**

Senior Lecturer  
Department of Animal Science,  
Kwame Nkrumah University of Science & Technology,  
Kumasi-Ghana.  
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### **Dr. O.S. Olympio**

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### **Dr. B.A. Hagan**

Head of Department  
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I, the undersigned hereby certify to the best of my knowledge that the information provided inhere describe my qualification, experience and ability.

Christian Asumah

A handwritten signature in blue ink, appearing to read 'Asumah', enclosed within a light blue circular stamp or seal.

(February, 2025)