

Curriculum vitae

PERSONAL INFORMATION

Yeboah Philip

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Sex Male | **Date of birth** 4/09/1990 | **Nationality** Ghanaian

EDUCATION AND TRAINING

2022-Date	PhD. Animal Science The Ohio State University, Columbus, Ohio, USA
2021-2022	Masters in Agricultural Regulations (Transferred to Ohio State University) The University of Arkansas at Pine Bluff, Pine Bluff, Arkansas, USA.
2018	Master of Philosophy in Animal Science, (CGPA, 3.6/4.0) University of Cape Coast, Cape Coast, Ghana
2015	BSc Agriculture Science (Hons) (CGPA, 3.4/4.0) University of Cape Coast, Cape Coast, Ghana

CERTIFICATE PROGRAMS

2021	Research Design: Inquiry and Discovery The University of North Texas, USA (Online, July 6, 2021) Virginia Master Cattlemen's Program 2021 (Model: Economics, Reproduction, Nutrition, Genetics, Marketing, Herd Health) Virginia Tech University, USA Certificate in Writing in Sciences Stanford University, USA (Online, April 11, 2021) Certificate in The Data Scientist's Toolbox John Hopkins University, USA (Online, March 25, 2021) Certificate in What is Data Science? International Business Machines Corporation (IBM), USA (Online, March 23, 2021) Certificate in Introduction to Genomic Technologies John Hopkins University, USA (Online, March 23, 2021) Certificate in Fundamentals of Animal Nutrition Kansas State University, USA (Online, 2018)
2021	
2018	

MAJOR APPOINTMENTS

2022-Date	Graduate School Council Representative, The Ohio State University
2022-Date	Reviewer, Pakistan Journal of Zoology Article Reviewed Effect of dietary inclusion of soybean hulls in the diet on feed proximate analysis, egg quality parameters and economics during peak egg production stages in laying hens
2021-Date	Junior Reviewer, African Journal of Food, Agriculture, Nutrition and Development (Scopus Indexed) Articles Reviewed - Analyze Of Beef Cattle Value Chain Actors and Their Value Addition Activities: In Toke Kutaye and Bakotibe Districts, West Shewa Zone, Oromia National Regional State, Ethiopia - Bactericidal Efficiency of Barez Preparation at Aerosol Disinfection in The Presence of Poultry - Soy Dairy Performance Metrics - Smallholder-Based Broiler Production Effects on Household Nutrition and Income in Rwanda - Characterization of the Production Systems, Breeding Objectives, and Constraints of Indigenous Goat Population Reared in Three Agro-Ecologies of West Hararghe Zone, Ethiopia
2021	Treasurer, International Students' Association, the University of Arkansas at Pine Bluff
2020	Sectional Examination Leader- University of Cape Coast (Examination Unit)

Supervising Invigilators to ensure transparency in examinations conducted

2019

Committee Member, The Biological Assets Committee, formed by the Vice-Chancellor, University of Cape Coast, Ghana, 2019

Identification, characterization, and documentation of all biological assets within the university

VOLUNTARY ACTIVITIES/PROJECTS

- Trained numerous students on practical, innovative, and scientific approaches to poultry (broilers and layers) and pig production at the University of Cape Coast, Teaching and Research Farm.
- Participating Schools: The Adisadel College, Saint Augustine's College, Wesley Girls College, University Practice Senior High School, Ghana National College, Swedru Senior High School, Archbishop Porter Girls Senior High School etc.
- **Team Leader**, Trained Staff and Farmers from the Ministry of Food and Agriculture (MOFA, Western Region) on Innovative and Precise Methods of producing poultry and pigs
- Mentored and supervised about twenty individuals to begin poultry and piggery production in Ghana production as a form of employment

WORK EXPERIENCE

2022-Date

Graduate Research and Teaching Associate, The Ohio State University, Columbus, Ohio, USA

Duties

- Co-teaching Poultry Biology, to undergraduate students
- Preparing lecture materials
- Grading of examinations, quizzes, etc.
- Other research activities

2021–2022

Graduate Research Assistant-Animal Science (Animal Genomics and Biotechnology Laboratory) the University of Arkansas at Pine Bluff, USA

Duties

- Performed Nucleic Acid and Protein Quantification using Take 3 Micro-Volume Plate
- Performed Enzyme-Linked Immunoassay (ELISA) using Synergy Lx Multi-Mode Reader
- Performed Bicinchoninic acid using Pierce™ Rapid Gold BCA Protein Assay Kit and Synergy Lx Multi-Mode Reader
- Performed RNA/DNA extraction using TRIzol Reagent.
- Performed complementary DNA Synthesis using Maxima first stand kit
- Performed Reverse Transcriptase – q PCR using the thermocycler
- Primer Design & Testing
- Determination of RNA integrity using the Qubit RNA IQ Assay machine
- Conducting Gel Electrophoresis using the Agarose and Invitrogen E-Gel Power Snap System
- Using E Gel Imager for gel imaging, documenting, and analyzing agarose gels and E-Gel cassettes
- Conducting Real-Time - PCR using QuantStudio 5
- Determination of fecal Egg count using the modified McMaster Technique
- Determination of cell livability using the Invitrogen Countess™ Automated Cell Counter
- Blood sampling, FAMACHA Eye Color Score & PCV determination

2019–Date

Teaching Associate - University of Cape Coast (Animal Science Department)

- Teaching of Introduction to Agriculture Course to first-year undergraduate students
- Teaching of Agricultural Production Systems Agriculture Course to first-year undergraduate students

- Assisted with teaching a course in Pasture and Rangeland Management to final year undergraduate students
- Assisted with teaching of Environmental Physiology course to final year undergraduate students
- Assisting in the supervision of student's research works towards write-up of final year dissertation
- Assisted in the supervision of 15 undergraduate Project Works

2017–2019

Senior Research Assistant –The University of Cape Coast (Teaching and Research Farm)

Duties

- Oversaw student's research work/educational visits to the Animal Section of the Farm
- Assisted lecturers in the conduct of students practical at the Animal Section of the Research Farm
- Responsible for formulating rations for various species of animals
- Record keeping on production at the animal section of the Research Farm
- Directly assisted the Farm Manager in planning and operational decision of the farm

2015–2016

Teaching and Research Assistant, Department of Animal Science, University of Cape Coast (Ghana)

Duties

- Assisted lecturers in the teaching of undergraduate students
- Organized tutorials for undergraduate students
- Assisted lecturers in planning and conduct of research works for students and staff
- Invigilation and grading of undergraduate work

PROFESSIONAL MEMBERSHIP

- World Poultry Science Association, USA (Membership ID 28723)
- International Scientific Association for Probiotics and Prebiotics (ISAPP), USA
- Poultry Science Association, USA, (Membership ID 3435931)
- Ghana Society of Animal Producers, Member, 2018
- Ghana National Association of Cattle Farmers, 2018
- Senior Staff Association, University of Cape Coast

RESEARCH INTEREST

- Poultry Gut health and Microbiome
- Nutrition, Genomics
- Feed Additives (Probiotics)
- Antibiotic Resistance

PUBLICATIONS

- Asiamah, E. K, **Yeboah, P.**, & Cynamon, N. G., (2021). Leaf Extracts from Three Varieties of Sweet Potato (*Ipomoea batatas*) affects the Modulation and Expression of TLR4 and TNF- α Genes in Goat Blood. Targeted Journal: *The International Journal of Animal Biosciences (Elsevier)*- **Manuscript under preparation**
- Asiamah, E. K, **Yeboah, P.**, & Cynamon, N. G., (2021). Effect of Sweet Potato Leaf pellets (*Ipomoea batatas*) on Gastrointestinal Parasite Infection and Immune Response Biomarkers of Goat. Targeted Journal: *The International Journal of Animal Biosciences (Elsevier)*- **Manuscript under preparation**
- **Yeboah, P.**, Asiamah E., & Gates C. (2021). Investigating the Potential Influence of Natural Immunomodulator (Gut Candy Probiotics) on Gastrointestinal Functionality and Immune Status of Small Ruminants. Targeted Journal: *The International Journal of Animal Biosciences (Elsevier)*- **Manuscript under preparation**
- **Yeboah, P.**, Odoi, F.N.A., Moses T., & Yangtul, T. (2020). Assessment of Growth performance and carcass characteristics of guinea fowl broilers (*Numida meleagris*) fed diets containing varying levels RE3TM probiotics. *African Journal of Food, Agriculture, Nutrition and Development* <https://doi.org/10.18697/ajfand.95.19185> (**Published**)
- **Yeboah, P.**, Hagan J. (2015). Phenotypic Characterization of indigenous chickens in some selected villages within the Agona West Municipal Assembly. (**Unpublished**)

DATA ANALYSIS SKILLS

- **Microsoft Excel:** Single-factor and Two- factor ANOVA, t-test, Correlation, Mean, Median, Mode, and Standard Deviation, Scatter plots, Pie Charts, Bar Chart, Histogram, Linear graph, Conditional Formatting
- **Statistical Package for Social Sciences:** Single-factor and Two-factor ANOVA, t-test, Correlation, Mean and Standard Deviation, Scatter plots, Histogram, Tukey Test, Frequencies
- **Basics in R, Genstat, Minitab**
- **SAS, JMP**
- **Mendeley, Endnote** referencing styles

AWARDS/SCHOLARSHIPS/ GRANTS

- **Graduate Research and Teaching Assistantship Funding**, The Ohio State University, Department of Animal Sciences, Columbus, Ohio, USA
- **Evans Allen Graduate Research Assistant Fellowship**, University of Arkansas, Pine Bluff, Department of Animal Science, 2021
- **Dean's Award of Excellence** presented by School of Graduate Studies, UCC for Producing an Outstanding Thesis (Master of Philosophy -Animal Science), 2019
- **The Samuel and Emelia Brew-Butler Research Grant** – School of Graduate Studies /Graduate Students Association of Ghana, UCC Research Fund Award, 2017
- **Overall Best Student** (Department of Agriculture) During the 56th Speech and Price Giving Day - Winneba Senior High School, Winneba, Ghana, 2008
- **Best Student in General Agriculture** (Department of Agriculture) During the 56th Speech and Price Giving Day- Winneba Senior High School, Winneba, Ghana, 2008.
- **Ghana Government Scholarship** - Winneba Senior High School, Winneba, Ghana, 2006

CONFERENCES & SEMINARS

1. Excellence in Peer Review: How to Become an Effective Peer Reviewer, Organized by the Taylor & Francis Reviewer Training Network, June 2021, **Participant**.
2. NIR Applications in Animal Production Operations: Different Perspectives Confirmation, organized (Organized by Evonik, USA), April 2021, **Participant**
3. Government, Industry, and Academia: Three Pieces Working Together to Achieve the Whole Food Safety Picture in Poultry Science (Organized by Poultry Science Association, USA), **Presenter, Dr Brandy M. Brashears**, February 17, 2021, **Participant**
4. Incorporating modified soy proteins in broiler starter feeding programs Recording (Organized by PROTEKTA, Ontario, Canada), Presenter, **Prof Elijah E. Kiarie (University of Guelph)**, April 1, 2021, **Participant**.
5. Intestinal Health Industry Summit (Organized by KEMIN, ASIA), March 4, 2021, **Participant**
6. The Interface Between Nutrition Research and Nutrition Policy: Real-World Experiences Past and Present (American Society for Nutrition, USA), April 6, 2021, Participant.
7. Introduction to Primary & Further Broiler Processing (Organized by the University of Georgia, College of Agriculture and Environmental Science, Department of Poultry Science, USA), March 9, 2021, Participant.
8. Broiler Basics (Organized by University of Georgia, College of Agriculture and Environmental Science, Department of Poultry Science, USA), March 5, 2021, Participant.
9. Climate Change in Ghana Organized by the Department of Fisheries and Aquatic Sciences –University of Cape Coast, September 2016. **Participant**
10. The New Dimensions in Poultry and Pig Production (Organised by the Boris B Farms-Trade Faire Accra)-May 2017. **Participant**
11. Dutch Educational & Career Fair (Organised by the Netherlands Embassy at Movenpick Ambassador Hotel-Accra), May 2017. **Participant**
12. 20th Biennial Conference of the Ghana Society of Animal Production (GSAP) held at the University of Cape Coast August 2017-**Participant**
13. Animal Welfare during transportation and Slaughter on the 2nd and 3rd October 2017. Organised by the West Africa Centre for the Protection of Animal Welfare (WACPAW)- UCC-**Participant**
14. School of Agriculture Research Seminar Series Organized by School of Agriculture, University of Cape Coast, April 2018. **Participant**
15. Effective Ways of Lowering Feed Manufacturing Costs in Smallholder Poultry and Pig Production Organized by Prof. Charles Stalk (Kansas State University-USA) held at University of Cape Coast March 2018-**Participant**
16. Changing the Orientation of Postgraduate Education for the 21st Century, University of Cape Coast, School of Graduate Studies (4th International Conference for Postgraduate Studies) June 2018. **Participant**.

17. Value addition to egg product as a business opportunity, organized by USDA Amplifies at Accra International Conference Centre, Accra, July 2019 – **Participant**.
18. Mycotoxin and Feed ingredients testing effect on animal Nutrition, organized by USDA Amplifies at Accra International Conference Centre, Accra, July 2019 – **Participant**
19. Starting a piggery, organized by USDA Amplifies at Accra International Conference Centre, Accra, July 2019 – **Participant**
20. Intensifying Broiler Production: Opportunities for youth Empowerment and Job creation in Ghana, organized by USDA Amplifies at Accra International Conference Centre, Accra, July 2019 – **Participant**
21. Sales and Marketing Strategy, organized by USDA Amplifies at Accra International Conference Centre, Accra, July 2019 – **Participant**
22. Profitable pullet production and investment opportunities, organized by USDA Amplifies at Accra International Conference Centre, Accra, July 2019 – **Participant**
23. Livestock Sector Business Development and Financing, organized by USDA Amplifies at Accra International Conference Centre, Accra, July 2019 – **Participant**
24. Egg Marketing and Distribution in Ghana: Opportunities and Way Forward, organized by USDA Amplifies at Accra International Conference Centre, Accra, July 2019 – **Participant**
25. Effective poultry Disease Control: Impact on Poultry Sector Businesses, organized by USDA Amplifies at Accra International Conference Centre, Accra, July 2019 – **Participant**
26. Feeding Poultry right, for productivity, organized by USDA Amplifies at Accra International Conference Centre, Accra, July 2019 – **Participant**
27. Maximizing profits through proper input sourcing in the poultry sector, organized by USDA Amplifies at Accra International Conference Centre, Accra, July 2019 – **Participant**
28. 7th All African Conference on Animal Agriculture, Accra International Conference Center Accra, Ghana, July – August 2019. **Participant**
29. Effective Ways of Stunning Animals Before Slaughter, Organized by the West Africa Centre for the Protection of Animal Welfare (WACPAW) at the Meat Processing Unit, UCC- October 2019, **Participant**
30. Inaugural Lecture by Professor J.D. Owusu - Sekyere, In the Abundance of Water, The Food is Thirsty, The School of Medical Sciences Auditorium, University of Cape Coast, Ghana, April 2019-**Participant**
31. RUFPRUM 15TH Annual General Meeting, University of Cape Coast, Cape Coast, Ghana, December 2019 – **Participant**.
32. Workshop on Effective Teaching Skills, Organized by the Training and Development Section, University of Cape Coast, December 2019
33. Inaugural Lecture by Prof., Elvis Asare-Bediako; Plant Viruses: Fight the Enemy and Save Lives, The School of Medical Sciences Auditorium, University of Cape Coast, Ghana, February 2020-**Participant**

REFEREES

- Lisa Renee Bielke, Department of Animal Sciences, The Ohio State University, Columbus, Ohio, USA +1479 387 7681, bielke.1@osu.edu
- Prof. Ali Nazmi, Department of Animal Sciences, The Ohio State University, Columbus, Ohio, USA +1479 387 7681, Nazmi.1@osu.edu
- Prof Julius Hagan: Animal Science Department, University of Cape, Cape Coast, Ghana. +233(0) 243253220; jhagan1@ucc.edu.gh