

CURRICULUM VITAE

01. PERSONAL

- (i) Name in Full: MAJEKODUNMI Bukola Christiana
- (ii) Date of Birth: OCTOBER 25, 1974
- (iii) Place of Birth: Ogbomoso, Oyo State
- (iv) Age: 51 years
- (v) Sex: Female
- (vi) Marital Status: Married
- (vii) Nationality: Nigerian
- (viii) Town and State of Origin: Abeokuta, Ogun
- (ix) Contact Address: Department of Animal Physiology
College of Animal Science and Livestock Production
Federal University of Agriculture. P.M.B.2240, Abeokuta,
Ogun State,Nigeria.
- (x) Phone Number: 08062195373
- (xi) Email Address: majekodunmibc@funaab.edu.ng
- (xii) Present Post: Senior Lecturer

02. EDUCATIONAL BACKGROUND

(i) Educational Institutions Attended with dates

- a) University of Ibadan, Ibadan -- 2010 to 2014
- b) University of Ibadan, Ibadan -- 2003 to 2004
- c) University of Agriculture, Abeokuta -- 1997 to 2001
- d) Federal College of Animal Health, Ibadan -- 1993 to 1995
- e) Immanuel College High School, Ibadan -- 1987 to1992

(ii) Academic and Professional Qualifications with dates

- a) Ph.D (Animal Physiology and Bioclimatology) -- 2014
- b) M.Sc. (Animal Science) -- 2004
- c) B. Agric. (Animal Production and Health) -- 2001
- d) National Diploma (Animal Health and Production) -- 1995
- e) West African School Certificate -- 1992

03. GRANTS:

- a) **Principal Investigator:** Year 2017-2024 TETFUND INTERVENTION IN REASEARCH PROJECT (RP) Batch B for the project titled “Blends of Sodium Bicarbonate, Ascorbic Acid and Sweet Citrus peel in Broiler Chickens Heat stress mitigation under Tropical environment”
- b) **Based Research, TETFUND reference no: FUNAAB/DRIP/40.** Responding to Global Climate Change: Identification and Characterization of Heat Tolerance Genes (HSP-70) in the three FUNAAB Alpha chicken genotype (**Status: Team member**)
- c) **Institution Based Research, TETFUND reference no: FUNAAB/DRIP/40 Batch B.** Development of Cassava peel (Grits-Moringa) leaf Blend Alternative and the Rabbit focus (**Status: Team member**)

Students supervision

- i. Under graduate supervision: 56
- ii. MSc supervision: 10
- iii. PhD. supervision: 2

03. SPECIAL ASSIGNMENTS

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| (i) Member, College Board of Animal Science and Livestock Production | 2019 to 2025 |
| (ii) Member, College Manual Committee | 2021 to 2025 |
| (iii) Member, COLANIM Commercial egg production venture | 2025 to 2026 |
| (iv) COLANIM Representative in Senate | 2025/2026 |
| (v) Post Graduate Coordinator | 2026 |

04. MEMBERSHIP OF PROFESSIONAL BODIES

- (i) Member, Nigerian Institute of Animal Science (NIAS) RAS 1296
- (ii) Member, Nigeria Society for Animal Production. (NSAP)
- (iii) Member, Animal Science Association of Nigeria. (ASAN)
- (iv) Member, World Poultry Science Association. (WPSA)
- (v) Member, British Society of Animal Science (BSAS)

05. SELECTED PUBLICATION

1. **Majekodunmi, B. C.**, Adeyeye, E. A., Odutayo, O. J., Ajiboye, O. O., Oladeji, S. O., Tijani, H. A., and Abioja, M. O. (2026). Productive performance and Caeca microflora of broiler chickens administered blends of ascorbic acid, sodium bicarbonate and sweet citrus peel powder *Nigerian Journal of Animal Production* 53(2): 96 - 103 <https://doi.org/10.51791/njap.v53i2.9198>
2. **Majekodunmi, B. C.**, Akinyemi, R. A., Adeoye, S. O., Logunleko, M. O., Durosaro, S. O., Solesi, O. R., Mustapha, H. O. and Daramola, J. O. (2026). Assessing the Influence of Airborne Pollutants from Cement Factory on Fear Behavior in Broiler Chickens *Journal of Applied Animal Welfare Science*, <https://doi.org/10.1080/10888705.2026.2712928>
3. **Majekodunmi, B. C.**, Wheto, M. Oke, O. E., Akinjute, O. F., Ojoawo, H. T., Chika, C. R., Adekunle, O. M., Adeyeri, O. Y. and Abioja, M. O. (2025). Thermoregulatory response, growth performance and organ weights of FUNAAB-Alpha chicken genotypes administered sweet citrus peel powder. *Journal of Animal Physiology Animal Nutrition*, 109, 1-10. <https://doi.org/10.1111/jpn.14106>
4. **Majekodunmi, B. C.**, Adeleye, O. O., Abatan, M. O., Akamo, A. J., Leramo, O. O. and Abioja, M. O. (2024). Physiological response, blood profile, and liver histology of broiler chickens to oral administration of white radish juice. *Egyptian Journal of Agricultural Research*, 102(4), 639-684. https://ejar.journals.ekb.eg/article_380982.html
5. **Majekodunmi, B. C.**, Adekunle, E. O., Logunleko, M. O., Akinjute, O. F., Adeyemo, A. A. Akinwande, J. I., Abioja, M. O. and Daramola, J. O. (2023). Growth performance and physiological response of rabbit bucks to oral administration of white radish juice in a hot humid environment. *Thailand Journal of Agricultural Science*, 56(2): 74–87.
6. **Majekodunmi, B. C.**, Logunleko, M. O., Adekunle, E. O., Abioja, M. O., Alaba, M. O., Adeleke, A. J., James, I. J. and Daramola, J. O. (2022) Blood profile and physiological response of broiler chickens to

- sweet orange peel supplemented water in a hot humid environment. *Slovak Journal of Animal Science*, 55, (1-4): 37-46 <https://doi.org/10.36547/sjas.774>
7. **Majekodunmi B. C.**, Logunleko M. O., Adekunle E. O., Abioja M. O., Akinjute O. F., Owolabi T. O. and Daramola J. O. (2021). Evaluation of sweet citrus peel supplement in water on performance and ileal microbial count of broiler chickens. *Tropical Animal Health and Production* 53:405 <https://doi.org/10.1007/s11250-021-02858-1>
 8. **Majekodunmi, B. C.**, Ogunwale, O. A. and Sokunbi, O. A. (2016). Plasma corticosterone and adrenal gland histomorphometry of heat stressed broiler chickens given supplemental electrolytes or vitamin C. *Archivos de Zootechnia*, 65(252):540-545.
 9. **Majekodunmi, B. C.**, Ogunwale, O. A. and Sokunbi, O. A. (2014). Physiological response of heat stressed broiler chickens to supplemental electrolytes and ascorbic acid. *Bulletin of Animal Health and Production* 62(4):331-338.
 10. **Majekodunmi, B. C.**, Ogunwale, O. A. and Sokunbi O. A. (2012). Effect of supplemental electrolytes and ascorbic acid on the performance and carcass characteristics of broiler raised during high temperature period in Nigeria. *International Journal of Poultry Science*, 11(2):125-130.

SELECTED CONFERENCE ATTENDED WITH PAPER READ

1. Oyelami A. M., **Majekodunmi B. C.**, Akinyemi R. A., Lawal N. O., and Tijani H. A. (2026). Impact of Biochar as air purifier in broiler pens on incidence of footpad dermatitis and hock burn in Broiler chickens. **International Society for Applied Ethology (ISAE) Africa Regional Hybrid Conference**, 18 - 19 August 2026, Federal University of Agriculture Abeokuta, Nigeria.
2. **Majekodunmi, B.C.**, Oyelami, A.M., Adekunle, E.O., Alabi, S.O., Soneye, M.O. and Abioja, M.O. (2025). Impact of biochar as air purifier on lung relative weight and pulmonary microbiota of broiler chickens **Proceedings of 30th Annual Conference of ASAN 2025, Abuja, Nigeria** (211-214)
3. **Majekodunmi, B. C.**, Omilelewe, O. D., Bello, K. O., Adebowale, T., Adeoye, S. A., Oyekale, T. O. and Adeola, A. A. (2025). Immune potential of Rabbits fed diets containing graded levels of cassava peels-grit-moringa leaf blend as replacement for maize. **Proceedings of the 50th Annual Conference, Nigeria Society for Animal Production (NSAP)**, 16 – 20 March, 2025, Federal University of Lafia, Nasarawa, Nigeria.
4. **Majekodunmi B.**, Abioja M., Adekunle E., Logunleko M. and Daramola J. (2022). Productive performance response of broiler chickens to water supplementation with sweet orange peel powder in a hot humid environment. **Proceedings of the British Society of Animal Science, 78th Annual Conference**, East Midlands Conference Centre, Nottingham and virtually, 12th – 14th April 2022. *Animal – Science Proceedings* 13 (2022) Pg. 23.

06. RESEARCH AREAS

- (i) Mitigation of environmental stress in livestock production
- (ii) Air quality impact on physiological responses of livestock
- (iii) Biochar in improving air quality in broiler pens
- (iv) Mitigation of transportation stress in Broiler chickens