

## **Profile of Dr. Oyegunle Emmanuel Oke**

### **i. Brief Biography**

Dr. O. E. Oke, an Associate Professor, is an Environmental and Nutritional Physiologist with a thorough background in Animal Science. He earned his **PhD in Animal Physiology** from the Federal University of Agriculture, Abeokuta, in 2012. Previously, he had an M. Agric. in Animal Physiology (70.68% - A grade) and a B. Agric. in Animal Production and Health with a Second Class Upper Division (4.27/5.00) from the same University in 2010 and 2006, respectively.

He has a vast research and teaching experience. He was awarded a DAAD Scholarship as a Visiting Scholar at the University of Venda, Thohoyandou, Limpopo, South Africa. In 2022, he won the prestigious German Research Foundation (DFG) grant on heat stress resilience in chickens and he was a visiting scholar at the Institute of Veterinary Physiology, Freie University of Berlin, Berlin, and University of Hohenheim, Stuttgart, Germany. Before this, he received a prestigious Postdoc Fellowship award at the World Bank Centre of Excellence in Poultry Sciences, University of Lomé, Lomé Togo. He has published in peer-reviewed journals (both local and international) and participated in conferences both locally and internationally.

His research aims to present epigenetic and nutritional techniques that will enhance livestock productivity under stressful environmental conditions in light of recent concerns over food security and the worldwide push toward the "One Health" concept. He is currently investigating how phyto-genic feed additives and novel feeding strategies could benefit poultry farming in terms of nutrition and health.

### **ii. Passport-sized Photograph:**



### **iii. Personal Information:**

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## PROFESSIONAL APPOINTMENTS

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2023 till date	<b>Associate Professor</b> , Department of Animal Physiology, Federal University of Agriculture, Abeokuta, Nigeria
2020 – 2023	<b>Senior Lecturer</b> , Department of Animal Physiology, Federal University of Agriculture, Abeokuta, Nigeria
2019 -2020	<b>Postdoc Fellow</b> , Centre of Excellence in Poultry Sciences, University of Lomé, Lomé, Togo
2017–2020	<b>Lecturer I</b> , Department of Animal Physiology, Federal University of Agriculture, Abeokuta, Nigeria
2013-2014	<b>Lecturer II</b> , Department of Animal Physiology, Federal University of Agriculture, Abeokuta, Nigeria
2011-2012	<b>Demonstrator</b> , Department of Animal Physiology, Federal University of Agriculture, Abeokuta, Nigeria
2004-2005	<b>Intern</b> : Teaching and Research Farms, University of Agriculture, Abeokuta, Nigeria.

## EDUCATION

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2024	<b>DFG Visiting Scholar</b> , School of Veterinary Medicine, Freie University of Berlin, Berlin, Germany
2024	<b>DFG Visiting Scholar</b> , Department of Animal Breeding and Husbandry in the tropics and Subtropics, University of Hohenheim, Stuttgart, Germany.
2022	<b>DAAD Research Fellow</b> , University of Venda, Thohoyandou, Limpopo, South Africa. Faculty Host: Prof. J. J. Baloyi
2019-2020	<b>Postdoctoral Fellow</b> , World Bank Centre of Excellence in Poultry Sciences, University of Lomé, Lomé, Togo Faculty Mentor: Prof. Kokou Tona, University of Lome, Togo
2010-2012	<b>Ph.D</b> (Animal Physiology), Federal University of Agriculture, Abeokuta, Nigeria

Advisors: Prof. O. M. Onagbesan, Prof. O. A. Adeyemi, Prof. A. O. Ladokun

- 2008-2010 **M. Agric. (Animal Physiology)** Federal University of Agriculture, Abeokuta, Nigeria  
2001-2006 **B. Agric. (Animal Production and Health)** University of Agriculture, Abeokuta, Nigeria
- 2004 **Certificate of Professional Computing** (Microsoft Word, Excel, Access, PowerPoint, Outlook, Internet Appreciation and Computer Appreciation)

## GRANTS AND FELLOWSHIPS

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- 2023/2024 **German Research Foundation (DFG) Grant (Project No.: 528649799)** for African-German Scientific Exchange in the Field of Sustainable Intensification of Agriculture to a tune of **€68,224.84** on a proposal titled: Targeting heat stress resilience in poultry using genomic selection and local plant-bioactive lipid compounds in Sub-Saharan West Africa (HeatRes).
- 2023/2024 **German Research Foundation (DFG) Grant (Project No.: 528875163)** for African-German Scientific Exchange in the Field of Sustainable Intensification of Agriculture, to a tune of **€52,588. 1** on a proposal titled: Gender dynamics in family poultry in Togo and Nigeria and implications for intensification.
- 2024 **Year 2024 TETFund SPONSORED INSTITUTION BASED RESEARCH GRANT (FUNAAB-IBR-01-2024)** to the tune of **₦4,090,000.00** on the research titled: Effect of Alternative Litter Bedding Materials in Broiler Chicken Production.
- 2023 **Year 2023 National Research Fund (NRF) Grant** to tune of **26.7 million Naira (₦26,700,000.00)** on the research titled: **A multi-disciplinary approach for sustainable Japanese quail enterprise in humid tropics of Nigeria.**
- 2023 Year 2020-2022 TETFUND Intervention in Research Project grant to the tune of **₦1, 896,000** on the research titled: **Potential Utilization of naked-neck and frizzle feather genes to ameliorate heat stress in FUNAAB-Alpha broiler chickens subjected to cyclic-temperatures.**
- 2023 Year 2020-2022 TETFUND Intervention in Research Project grant to tune of **₦1, 994,000** on the research titled: **Rural women’s economic empowerment through backyard guinea fowl (Numida meleagris) farming in Ogun State Nigeria**

- 2021 2021-2019 Research Project Award from Batch 8<sup>th</sup> of TETFund 2021 Research intervention for the Federal University of Agriculture, Abeokuta to a tune of **₦1,997,000.00** on the research titled: **Global climate change: Evaluation, identification and characterization of HSP70 gene in FUNAAB Alpha chicken genotypes for sustainable production.**
- 2019-2020 2019 Research Project Award from Batch 7<sup>th</sup> of TETFund 2019 Research intervention for the Federal University of Agriculture, Abeokuta to a tune of ₦1, 890,000 on the research titled: **Comparative effects of *in-ovo* ascorbic acid and phytochemicals on growth and physiological responses of broiler chickens under hot humid environment** for a year.
- 2014-15 2014 Research Project Award from Batch 5<sup>th</sup> of TETFund 2014 Research intervention for the Federal University of Agriculture, Abeokuta to a tune of ₦1, 470,000 on the research titled: **‘Effect of access to different legume pastures and its biomass intake on performance and welfare of broilers at different seasons’** for a year.
- 2013-14 2013 Research Project Award from Batch 4<sup>th</sup> of TETFund 2013 Research intervention for the Federal University of Agriculture, Abeokuta to a tune of ₦1, 470,000 on the research titled: **‘Comparative effects of honey, coconut water and lime juice as anti-stress for broiler chickens under heat stress conditions’** for a year
- 2009 Best Graduating Student (MSc – 2008/2009 Session), Department of Animal Physiology, College of Animal Science and Livestock Production, University of Agriculture, Abeokuta, Nigeria
- 2010-12 World Bank (STEP B (Innovator of Tomorrow (I.O.T)) Scholarship Award
- 2001-2006 Ogun State Government of Nigeria Scholarship

## PUBLICATIONS

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[2025]

1. Ogunola, K. M., Jegede, A. V., Fafiolu, A. O. and **Oke, O. E.** 2025. Responses of broiler chickens to diets of different nutritional planes supplemented with or without organic acids in a hot tropical environment. *Veterinary Medicine and Science*, 11, e70332. DOI: 10.1002/vms3.70332. **PUBLISHED BY WILEY.**
2. Adjei-Mensah, B., Oso, O., **Oke, E.**, Kuka, T., Sasu, P., Agbehadzi, R., Atuahene, C., Donkoh, A., Hamidu, J., and Tona, K. 2025. Hypocholesterolemic Potentials of Garlic on the Lipid Profile of Poultry Birds and Poultry Products: A Review. *Journal of*

- Applied Poultry Research*, 34, 100509. <https://doi.org/10.1016/j.japr.2024.100509>. **PUBLISHED BY ELSEVIER.**
3. Fushai, F., Chitura, T., and **Oke, O. E.** 2025. Climate-smart livestock nutrition in semi-arid Southern African agricultural systems. *Frontiers in Veterinary Science*, 12, 1507152. <https://doi.org/10.3389/fvets.2025.1507152>. **PUBLISHED BY FRONTIERS MEDIA SA SWITZERLAND**
  4. Sogunle, O. M., Ibrahim, O. W., Odutayo, O. J., Safiyu, K. K., Idowu, O. P. A. and **Oke, O. E.** 2025. Response of broiler chickens to hot water infusion and ethanolic extracts of African Basil and Dandelion leaves. *Archivos de zootecnia*, 74: 18 -30. <https://doi.org/10.21071/az.v74i285.5906>
  5. Majekodunmi, B. C., Wheto, M., **Oke, O. E.**, Akinjute, O. F., Ojoawo, H. T., Chika, C. R., Adekunle, O. M., Adeyeri, Y. O., & Abioja, M. O. Thermoregulatory Response, Growth Performance and Organ Weights of FUNAAB-Alpha Chicken Genotypes Administered Sweet Citrus Peel Powder. *Journal of Animal Physiology and Animal Nutrition*. <https://doi.org/10.1111/jpn.14106>
  6. **Oke, O. E.**, Oni, A. I., Adekunle, E. O., Adetomiwa, T. G., Johnson, O. O., Ogunseye, O. J., Akosile, O. A., Oso, A. O. (2025). Evaluation of synergistic influence of selenium and vitamin E on juvenile growth, antioxidant status and physiological responses of heat-stressed broiler chickens. *Journal of Agriculture and Rural Development in the Tropics and Subtropics*, 126: 43-53. <https://doi.org/10.17170/kobra-2023ghgj7>
  7. Oni, A. I., Bello, Y. O., Ibigbami, D. J. Ishola, C. A. Adesanya, S. O., Adeniran, D. A. and **Oke, O. E.** 2025. Effects of early-age feed restriction and thermal conditioning on the physiological and performance responses of broiler chickens under heat stress. *Scientific Reports*, Doi: 10.1038/s41598-025-01048-5 (Accepted)
  8. **Oke, O. E.**, Oliyide, K. M., Akosile, O. A., Oni, A. I., Adekunle, E. O. Oyebanji, B.O., Aremu, O. P., Adeoba, I. M., Eletu T. A. and Daramola, J. O. 2025. Innovations in Quail Welfare: Integrating Environmental Enrichment, Nutrition, and Genetic Advances for Enhanced Health and Productivity. *Veterinary Medicine and Science*. 100249920. DOI: 10.1002/vms3.70424. **PUBLISHED BY WILEY**
  9. Adebowale, T. Arowolo, M., Adekola, M., Adeleye, T. and **Oke, O.** 2025. Effect of methionine and lysine supplementation on performance and intestinal morphometrics of finisher broiler chickens fed diets containing processed cassava peel meal. *Animal Production Science*, <https://www.publish.csiro.au/AN/justaccepted/AN25047>

## [2024]

10. Alo, E., Daramola, J., Wheto, M. and **Oke, O. E.** 2024. Impact of broiler breeder hens' age and egg storage on egg quality, embryonic development, and hatching traits of FUNAAB-Alpha chickens. *Poultry Science*, 103(2), 103313. <https://doi.org/10.1016/j.psj.2023.103313>. **PUBLISHED BY ELSEVIER.**
11. Idowu, O. P., Kareem, D. U., **Oke, O. E.**, Adeyeye, E. A., Sogunle, O. M. and Idowu, O. M. 2024. Effects of housing systems and laying phases on external and internal egg quality characteristics of indigenous Guinea fowl hens. *Translational Animal Science*. <https://doi.org/10.1093/tas/txae011> **PUBLISHED BY OXFORD UNIVERSITY PRESS.**

12. Oyelola, O. B., Iyasere, O. S. Adeleye, O. O, and **Oke, O. E.** 2024. The influence of in ovo black cumin extract on the physiological responses of broilers under hot tropical environments. **Acta Scientiarum: Animal Science**, 46, e62653, 1807-8672. Doi: 10.4025/actascianimsci.v46i1.62653.
13. Dzungwe, J. T., Tozo, K., Chrysostome, C. A., Tankouano, R. A., **Oke, O. E.**, and Tona, K. (2024). Effect of Crossbreeding on Egg Quality, Incubation, and Hatching Activities of the Pure and Reciprocal Cross between the Sasso and Wassache Chickens. **Poultry Science**, 103406. <https://doi.org/10.1016/j.psj.2023.103406>. **PUBLISHED BY ELSEVIER.**
14. **Oke, O. E.**, Akosile, O. A., Uyanga, V. A., Oke, F. O., Oni, A. I., Tona, K., and Onagbesan, O. M. (2024). Climate change and broiler production. **Veterinary Medicine and Science**, 10, e1416. <https://doi.org/10.1002/vms3.1416>. **PUBLISHED BY WILEY, GERMANY.**
15. Oni, A. I., Abiona, J. A., Fafiolu, A. O. and **Oke, O.E.** 2024. Early-Age Thermal Manipulation and Supplemental Antioxidants on Physiological, Biochemical and Productive Performance of Broiler Chickens in Hot-Tropical Environments. **Stress**, 27, 2319803 <https://doi.org/10.1080/10253890.2024.2319803>. **PUBLISHED BY TAYLOR AND FRANCIS.**
16. **Oke, O. E.**, Alo, E. T., Oni, A. I., Nwosu, E. U., Wheto, M., Akinjute, O. F., Oyindamola, G., and Osisanwo, A. 2024. Breeder Age and Hatching Egg Storage Duration: Effects on Post-Hatch Performance of FUNAAB-  $\alpha$  Broiler Chickens. **Translational Animal Science**, 8, <https://doi.org/10.1093/tas/txae070>. **PUBLISHED BY OXFORD UNIVERSITY PRESS.**
17. Kujero, G. O, Adeyemi, O. A., Njoku, C. P., Sogunle, O. M., Sobayo R. A., **Oke, O.E.** 2024. Reproductive and physiological responses and egg quality Traits of Isa Brown chickens fed diets fed *Zingiber officinale* (Ginger) or *Curcuma longa* (turmeric) powder under the tropical hot environments of Nigeria. **Archives of Veterinary Science**, 29, 1-11, DOI: [10.5380/avs.v29i2.95238](https://doi.org/10.5380/avs.v29i2.95238).
18. **Oke, O. E.**, Akosile, O. A., Oni, A. I., Opowoye, I. O., Ishola, C. A., Adebisi, J. O., Odeyemi, A. J., Adjei-Mensah, B., Uyanga, V. A. and Abioja, M. O. 2024. Oxidative Stress in Poultry. **Poultry Science**, 103: 104003. <https://doi.org/10.1016/j.psj.2024.104003> **PUBLISHED BY ELSEVIER.**
19. Alade, A. A., Bamgbose, A. M., Oso, A. O. Fafiolu, A. O., Adewumi, B. A., Oluwatosin, O. O., Obadina, F. J., **Oke, O. E.** 2024. Growth Response, Apparent Nutrient Digestibility, Ileal Digesta Viscosity and Economy of Feed Conversion Ratio of Broiler Chickens Fed *Zymomonas mobilis* Treated Soybean Hulls. **Agriculturae Conspectus Scientificus**, 89 (3), 1-11.
20. **Oke, O. E** and Onagbesan, O. M. 2024. Impacts of access to legume- or grass-based pasture on behaviour, physiological responses and bacterial load of laying hens. **Heliyon**, 10, e34780. <https://doi.org/10.1016/j.heliyon.2024.e34780>. **PUBLISHED BY ELSEVIER.**

21. Orbugh, A.T., Kareem, D.U., Adewole, F.A., **Oke, O.E.**, Adeyeye, E.A., Lala, A.O., Ogunleye, J.B. and Oso, A.O. 2024. Influence of scent leaf (*Ocimum gratissimum*) powder supplementation on growth performance, serum health and organ histopathology of guinea fowls. **Thai Journal of Agricultural Science**. 56(4): 196–210.
22. Seme, K., Voemesse, K., Madiala, D. L., **Oke, O. E.**, Mageda, W., Somenutse, K. G. and Pitala W. 2024. Genetic growth performance of methionine supplementation in diet of Large White pigs in tropical environments. **African Journal of Biological Sciences**, 6: 1785 – 1798. doi: 10.48047/AFJBS.6.12. 2024.1785-1798.
23. Ajayi, O., Akosile, O. A., Oso A. O. and **Oke\*, O. E.** (2024): Thermotolerance in broiler chickens: evaluating the influence of embryonic thermal manipulation and *in ovo* feeding of lysine and cysteine in a hot tropical environment. **The Journal of Agricultural Sciences**, 19: 517-529. <http://doi.org/10.4038/jas.v19i3.10245>
24. Oni, A. I., Adeleye, O. O., Adebawale, T. O. and **Oke, O. E.** 2024. The roles of Phyto-genic Feed Additives in Stress Mitigation in Broiler Chickens. **Journal of Animal Physiology and Animal Nutrition**, **108(1)**, 81-98. <https://doi.org/10.1111/jpn.13869>. **PUBLISHED BY BLACKWELL, GERMANY.**
25. Tankouano RA, Meteyake H, Oke OE, Lawson-Evi P, and Tona K (2024). Effects of Thermal Manipulation During the Second Half of Incubation on Embryo Physiology, Hatching Parameters, and Quality of Broiler Chickens in Tropical Climate of Togo. **Journal of World Poultry Research**, 14(3): 264-272. DOI: <https://dx.doi.org/10.36380/jwpr.2024.27>
26. Ajiboye, O. O., Abiona, J. A., **Oke, O.E.**, Onagbesan, O. M. 2024. Effect of liveweight on haemolymph biochemical and hormonal profile of giant African land snail (*Archachatina marginata*) under tropical environment. **Polish Journal of Natural Sciences**, 39:203-215. DOI: 10.31648/pjns.9512.
27. Njoku, C. P., Ayoola, A. A., Oke, O. E., Aweda, F. T., Ayano, T. R. and Adeyemi, O. A. 2024. Effects of herbal mix and weight asymmetry on nutrient digestibility, nitrogen balance and bowel transit time of growing pigs. **Journal of Agricultural Science and Environment**. J. Agric. Sci. & Env. 24(2):65-81.

## 2023

28. **Oke, O. E.**, Oso, O., Iyasere, O., Oni, A., Bakre, O., Rahman, S. 2023. Evaluation of Light Colour Manipulation on Behaviour and Welfare of Broiler Chickens. **Journal of Applied Animal Welfare Science**. 26: 4, 493 - 504. DOI: [10.1080/10888705.2021.1986714](https://doi.org/10.1080/10888705.2021.1986714). **PUBLISHED BY TAYLOR AND FRANCIS.**
29. Uyanga, V. A., Musa, T. H., **Oke, O. E.**, Zhao, J., Wang, X., Jiao, H., Onagbesan, O. M., and Lin, H. (2023). Global trends and research frontiers on heat stress in poultry from 2000 to 2021: A bibliometric analysis. **Frontiers in Physiology**, 14: 1123582. <https://doi.org/10.3389/fphys.2023.1123582>. **PUBLISHED BY FRONTIERS MEDIA SA SWITZERLAND.**
30. Akosile, O., Majekodunmi, B., Sogunle, O., Baloyi, J., Fushai, F., Bhebhe, E., and **Oke, O. E.** (2023). Research Note: Responses of Broiler Chickens to In Ovo Feeding with Clove and Cinnamon Extract under Hot-Humid Environments. **Poultry Science**, 102:

102391. <https://doi.org/10.1016/j.psj.2022.102391>. **PUBLISHED BY ELSEVIER, UNITED KINGDOM**

31. Abioja, M. O., Logunleko, M. O., Majekodunmi, B. C., Adekunle, E. O., Shitu, O. O., Odeyemi, A. J., Nwosu, E. U., **Oke, O. E.**, Iyasere, O. S., Abiona, J. A., Williams, T. J., James, I. J., Smith, O. F., Daramola, J. A. (2023). Roles of candidate genes in the adaptation of goats to heat stress: A review. *Small Ruminant Research*, **218**: 106878. <https://doi.org/10.1016/j.smallrumres.2022.106878>. **PUBLISHED BY ELSEVIER, UNITED KINGDOM**
32. Attivi, K., Agboka, K., Mlaga, K.G., Dassidi, N., **Oke, O.E.**, Karou, S.D., Onagbesan, O., Hai, L. and Tona, K. (2023). Productive performance, follicular development, and reproductive hormone profiles of laying hens fed with black soldier fly (*Hermetia illucens*) larvae meal as a substitute for fish meal. *European Poultry Science*, **87**, DOI: 10.1399/eps.2023.368. **PUBLISHED BY ELSEVIER.**
33. Kpomasse, C. C., Oso, O. M., Lawal, K. O., and **Oke, O. E.** (2023). Juvenile Growth, Thermotolerance and Gut Histomorphology of Broiler Chickens fed *Curcuma longa* under Hot-Humid Environments. *Heliyon*, **9**(2), e13060.. <https://doi.org/10.1016/j.heliyon.2023.e13060>. **PUBLISHED BY ELSEVIER, UNITED KINGDOM.**
34. Oso, O. M., Metowogo, K., Adjei-Mensah, B., **Oke, O. E.**, Gbongbon, C., Onagbesan, O. M. and Tona, K, 2023. Effects of timing and duration of LED light supply during incubation on embryonic development and hatching parameters of Sasso eggs. *International Journal of Veterinary Science*, **12**: 572-579. <https://doi.org/10.47278/journal.ijvs/2023.003>. **PUBLISHED BY UNIQUE SCIENTIFIC PUBLISHERS, CHINA.**
35. Tokofai, B. M., Orounladji, B. M., Idoh, K., **O. E. Oke**, and Agbonon, A. 2023. Effect of *Vernonia amygdalina* on intestinal mucosa's digestive enzymes, absorption capacity, and immunity in broiler chickens. *Journal of Applied Animal Nutrition*. <https://doi.org/10.3920/JAAN2022.0006> **PUBLISHED BY WAGENINGEN ACADEMIC PUBLISHERS, THE NETHERLANDS.**
36. Akosile, O. A., Sogunle, O. M., Majekodunmi, B. C., and **Oke, O. E.** 2023. *In ovo* Injection of Cinnamon or Clove alters the Physiology and Growth of Broilers in a Hot-Tropical Environment. *Translational Animal Science (Environmental Animal Science Section)*. **7**: <https://doi.org/10.1093/tas/txad036>. **PUBLISHED BY OXFORD UNIVERSITY PRESS.**
37. Alade, A. A., Bamgbose, A. M., Olanloye, S. A., Oso, A. O., **Oke, O. E.**, Fafiolu, A. O., Sobayo, R. A., Adewumi, B. A., Anigbogu, N. M. and Oluwatosin, O. O. 2023. Impact of *Zymomonas mobilis* treated corn cobs on growth performance, apparent nutrient digestibility, ileal digesta viscosity and cost benefits of broiler chickens. *Slovak Journal*

*of Animal Science*, 56: 3–16. <https://doi.org/10.36547/sjas.821>. **PUBLISHED BY NATIONAL AGRICULTURAL AND FOOD PRODUCTION, SLOVAK.**

38. Okeniyi, F. A., Adeniran, B. M., Animashahun, R. A., Okocha, R. C., Olawoye, S. O., Alabi, O. O., **Oke, O. E.**, Shoyombo, A. J., Babarinde, E. O. 2023. Antioxidant status, hematology, performance, organ and carcass evaluation of heatstressed broiler chickens fed with dietary Bambusa vulgaris leaf meal. *Veterinary Research Notes*. 3(4):29–35. doi:10.5455/vrn.2023.c25. **PUBLISHED BY NETWORK FOR THE VETERINARIANS OF BANGLADESH.**
39. Adejuyigbe, A. E., Sogunle, O. M., Onagbesan, O. M. and **Oke, O. E.** 2023. Growth performance and physiological responses of broilers fed Stylosanthes hamata leaf meal in a hot tropical environment. *Veterinary Medicine and Science*. 9: 2150-2159. <https://doi.org/10.1002/vms3.1237>. **PUBLISHED BY WILEY, GERMANY.**
40. Kpomasse, C. C., kouame, Y. A. E., N’nanle, O., Houndonougbo, F. M., Tona, K. and **Oke, O. E.** 2023. The productivity and resilience of the indigenous chickens in the tropical environments: improvement and future perspectives. *Journal of Applied Animal Research*. 51: 456 – 469. <https://doi.org/10.1080/09712119.2023.2228374>. **PUBLISHED BY TAYLOR AND FRANCIS, UK.**
41. Akosile, O. A., Kehinde, F. O., Oni, A. I., and Oke, O. E. 2023. Potential Implications of in ovo Feeding of PhytoGenics in Poultry Production. *Translational Animal Science (Environmental Animal Science Section)*. 7: <https://doi.org/10.1093/tas/txad094> **PUBLISHED BY OXFORD UNIVERSITY PRESS.**
42. Onagbesan, O., Uyanga, V. A., Oso, O., Tona, K., and **Oke, O. E.** 2023. Alleviating heat stress effects in poultry: updates on methods and mechanisms of actions. *Frontiers in Veterinary Science*, 10, 1255520. <https://doi.org/10.3389/fvets.2023.1255520>. **PUBLISHED BY FRONTIERS MEDIA SA SWITZERLAND.**
43. Kossoga, K. A., Dayo, G-K, Bilalissi, A., N’nanle, O., **Oke, O. E.**, Tete-Benissan, K. A. 2023. Genetic Diversity and Structure of Local Chicken Populations Raised in Five Agroecological Zones of Togo. *Journal of World Poultry Research*, 13(3): 352-363. DOI: <https://dx.doi.org/10.36380/jwpr.2023.38>. **PUBLISHED BY SCIENCELINE, TURKEY.**
44. Adebayo, M. O., Abiona, J. A., Uyanga, V. A., Onagbesan, O. M., **Oke, O. E.** 2023. Growth and reproductive performance of broiler breeders reared to puberty under the open-sided housing in a tropical environment. *Animal Production Science*, 63. <https://doi.org/10.1071/AN23183>. **Published by Commonwealth Scientific and Industrial Research, Australia.**

[2022]

45. Tona, K, Voemesse, K, N'nanlé O, **Oke, O. E.**, Kouame Y. A. E, Bilalissi A., Meteyake, H. and Oso, O. M. 2022. Chicken Incubation Conditions: Role in Embryo Development, Physiology and Adaptation to the Post-Hatch Environment. *Frontiers in Physiology*, 13: 895854. doi: 10.3389/fphys.2022.895854. **Published by Frontiers Media SA Switzerland.**
46. Adjei-Mensah, B., **Oke, E. O.**, Ali, M. M., Hamidu, J. A. and Tona, K. 2022. Response of Layer Chicks to the Dietary Inclusion of Allicin-rich Extract. *Journal of Applied Poultry Research*, 31, 100291. <https://doi.org/10.1016/j.japr.2022.100291>. **Published by Elsevier**
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111. **Oke, O. E.**, Ladokun, A. O., Onagbesan, O. M. (2015): Reproductive performance of layer chickens reared on deep litter system with or without access to grass or legume pasture. *Journal of Animal Physiology and Animal Nutrition*. 100: 229–235. **Published by Blackwell, Germany.** Available at: <http://onlinelibrary.wiley.com/doi/10.1111/jpn.12353/>
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113. Daramola, J.O., Adekunle, E. O., **Oke, O. E.**, Onagbesan, O.M., Iyasere, O.S. Williams, T.J James, I. J. Oyewusi, I.K. and Oyewusi, J.A. (2015): Effects of pyridoxine supplementation or in combination with other antioxidants on motility, in vitro capacitation and acrosome reaction of goat buck spermatozoa during cryopreservation. *Small Ruminant Research*, 131: 113–117. Available: <http://dx.doi.org/10.1016/j.smallrumres.2015.08.007>. **Published by Elsevier, UNITED KINGDOM**
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**B) Conference Presentations**

1. **Oke O.E.**, Oni A. I., Bello Y., Alao, J.I., Ishola, CA., Abioja, M.O., Abiona, J.A. 2024. Evaluation of Early-Life Feed Restriction and Thermal Manipulation on the Thermotolerance and Growth Performance of Broilers under Hot Tropical Environments. **78th Conference of the Society of Nutrition Physiology in Göttingen, Germany, 05th–07th March 2024**

2. Oni, A. I., Uyanga, V. A., **Oke, E.** and Nwosu, E. 2024. Evaluation of synergistic influence of selenium and vitamin E on juvenile growth, antioxidant status and physiological responses of heat-stressed broiler chickens. **113<sup>th</sup> Annual Conference of Poultry Science Association. July 15 – 18, 2024, Louisville, Kentucky, USA. 228**
3. Oluwaseun Iyasere, Samuel Durosaro, Bukola Majekodunmi, **Emmanuel Oke**, Mariam Logunleko, Victor Oyeniran, Oluwaseun Ojelade, Monsuru Abioja and James Daramola Animal-based methods of assessing heat stress in farm animals: A case of the 3R's. **UFAW Online Animal Welfare Conference 2023.** June 20 – 21, 2023.
4. Osunbayo, O.D. and **Oke, O. E.** 2022. Effect of Plumage colour on Performance & Physiological Response of Nigerian Indigenous Chicken 2022 British Society of **Animal Science conference (BSAS 2022) Hybrid conference.**
5. Lare, L., E. Talaki, Y. Lombo, C. Sodjedo, D.Nideou, **Oke, E.**, Pitala, W., Tona, K. 2020. Effect of nutritional manipulation on the juvenile local keets (*Numida meleagris*) raised in Togo. Abstract from **26th World's Poultry Congress, Paris, France, August 7 -11, 2022.** [ID 1304].
6. **Oke, O.** Lawal, T. Abiona, J. and, Rahman, S. **O. Oke**, T. Lawal, J. Abiona, S. 2022. Rahman growth hormone, intestinal morphology and juvenile growth of broiler chickens fed different levels of curcuma longa under hot humid tropical climate. 26th World's Poultry Congress [ID 40]. Abstract from **26th World's Poultry Congress, Paris, France, August 7 -11, 2022.**
7. Fasasi, M.O.\*, Bamgbose, A. M., Oso, A.O., Adelusi, O.O, **Oke, O.E**, Olayemi, W.A, and Ogunsola, I. A. (2020): Growth performance and feed cost benefits of broiler chickens fed graded levels of brimstone (*Morinda lucida benth.*) Leaf powder as dietary phytogenic additive. Proc. 45<sup>th</sup> Conf., Nig. Soc. Anim. Prod. Pp 1181 – 1184.
8. Iyasere<sub>1</sub>, O. Omotosho, T., Salako<sub>1</sub>, M. Durosaro, S., **Oke, E.**, Oyeniran<sub>1</sub>, V., Oyetunji, D., and Daramola, J. 2020. Behavioural differences of two breeds of domesticated chicks to feed and alarm call playback. ISAE 2020 Global Virtual Meeting Online Programme Book ISAE is going virtual! 6-7 Aug 2020.
9. Oso, O., Bankole, F., **Oke E.** 2020. Responses of exotic turkeys fed spirulina (*Arthrospira platensis*) with or without vitamin b2 and b6 during dry season. ID 823. Abstract from 26th World's Poultry Congress, Paris, France, August 7 -11, 2022.
10. **Oke, E.\***, Abioja, M., Oke, F., Iyasere, O., Lawal, T. Abiona, J., Daramola J.and Williams, T. (2019): Effect of turmeric supplementation on haematochemical parameters of broiler chickens under a hot, humid, tropical condition. Annual conference of the **World Poultry Science Association (WPSA), UK Branch** held at the Edinburgh International Conference Centre, Edinburgh (10–11 April 2019). Vol. 15, 1–45 <https://doi.org/10.1080/17466202.2019.1703348>.

11. **Oke, O. E.\*** and Iyasere, O. S. (2019): Growth performance and physiological responses of guinea fowl to different stocking densities in humid tropical environment. **108<sup>th</sup> Annual Conference of Poultry Science Association, Montreal, Canada.** *Poult. Sci.* 98: 275 (E-Suppl. 1). Pp. 107-108.
12. **\*\*Oke, O. E.\***, Iyasere, O. S., Daramola, J. O., Adejuyigbe, A. E., Ladokun, A. O. and Onagbesan, O. M. (2017): Effects of deep litter system with or without access to grasses or legumes pasture on welfare and behaviour of laying hens. **6<sup>th</sup> International Poultry Summit of World Poultry Science Association, Ife, Nigeria.** Pp. 138-143.
13. Onagbesan, O.\*, Jinadu, S., **Oke, E.** and Adebambo, T. (2016): Ontogenic gene expression of leptin receptor and ghrelin receptor in the pullets' ovary. **Proceeding of the XXV World's Poultry Congress, Beijing, China.** S4- 0006.
14. **\*\*Oke, E.\***, Ladokun, A. and Onagbesan, O. (2016): Haematology and serum biochemical profile of layer chickens reared on deep litter system with or without access to grass or legume pasture under humid tropical climate. **Proceeding of the XXV World's Poultry Congress, Beijing, China.** S8- 0005.
15. Jinadu, S.\*, Alaba, E. **Oke, E.**, Tona, K., Olorunyomi, E., Agbonon, A. and Onagbesan, O. (2016). Hypoxia related gene expression in embryonic liver, lungs, brain and muscle during the incubation of Nigerian indigenous chicken eggs. **Proceeding of the XXV World's Poultry Congress, Beijing, China.** S11- 0006.
16. Adejuyigbe, A. E.\*, **Oke, O. E.**, Emeshili, U. K., Iyasere, O. S., Oke, F. O. and Lawal, T. G. (2016): Physiological Responses of Broiler Chickens Offered Olive Leaf Extract under Hot Humid Tropical Climate. **Proc. 41<sup>st</sup> Conf., Nig. Soc. Anim. Prod.** Pp. 158 – 160.
17. **Oke, O. E.\***, Obanla, L. O. and Onagbesan, O. M. (2016): Hatching traits and puerile growth correlate among exotic layers and Nigerian normal feather chickens under Nigerian condition. **Proceedings of the 21<sup>st</sup> Annual Animal Science Association of Nigeria (ASAN-NIAS). Porthacourt, Nigeria.** Pp. 239-243.
18. Abiona, J. A.\* , Olaoye, T. G., Abioja, M. O., Daramola, J. O., Ladokun, A. O., **Oke, O. E.**, Osinowo, O. A. and Onagbesan, O. M. (2015): Effect of zinc on haemolymph biochemical parameters and haemagglutination potential of giant African land snail. **Proceeding of the 20<sup>th</sup> Animal Science Association of Nigeria (ASAN-NIAS), Ibadan.** Pp. 347-350l.
19. **\*\*Oke, O. E.\***, Onagbesan, O. M., Ladokun, A. O. and Adejuyigbe A. E. (2014): Effect of Access to Legume or Grass Pasture on Expression of Follicle-stimulating Hormone Receptor (FSHR) mRNA in the Ovary of Laying Chicken. **Proc. 39<sup>th</sup> Conf., Nig. Soc. Anim. Prod. Ilishan-Remo, Nigeria,** Pp. 94 – 97.
20. Abiona J. A.\* , Ladokun, A. O., Daramola, J. O. Abioja, D. M., **Oke, O. E.** and Onagbesan, O. M. (2014): Effect of vitamin C supplementation on biochemical parameters and haemagglutination potential of Giant African Land Snail

- (*Archachatina marginata*) haemolymph. Proceeding of **Joint Annual Meeting of American Society of Animal Science, Kansas City, Missouri, USA.** 1444 (W204).
21. Ladokun, A. O.\*, Abiona, J. A., Daramola, J. O., **Oke, O. E.** and Onifade, A. M. (2014): Liveability of buck spermatozoa after cold storage using egg yolk citrate extender. Proceeding of **Joint Annual Meeting of American Society of Animal Science, Kansas City, Missouri, USA.** 1382 (M199).
  22. **\*\*Oke, O. E.\***, Onagbesan, O. M., Ladokun A. O., Adeyemi, O. A., Abioja, M. O. and Abiona, J. A. (2013): Effects of deep litter system with or without access to grasses or legumes pasture on reproductive tract characteristics of layers. Proceeding of the **4<sup>th</sup> Nigeria International Poultry Summit, Abeokuta.** Pp. 91 -98.
  23. **Oke, O. E.\***, Onagbesan, O. M. Ladokun, A. O. and Adeyemi O. A. (2013): Effects of Deep Litter System with or Without Access to Grasses or Legumes Pasture on Some Egg Quality Characteristics at Peak Production. Proc. 38<sup>th</sup> Conf., **Nig. Soc. Anim. Prod. Port Harcourt,** Pp. 795-798.
  24. **Oke, O. E.\***, L. O. Obanla, O.M. Onagbesan, F. T. Solola and Iyasere, O.S. (2012). Evaluation of physiological parameters and growth performance among chicks from two exotic strains of layer chicken and Nigerian indigenous chicken. Proceeding of the **World Poultry Science Association, Togo.** Pp 43 -49.
  25. Iyasere, O. S.\*, Daramola, J. O., Osinowo, J. O., Adio, B. R., Salami, M. I., Obanla, O., Ogunsola, O. A., **Oke, O. E.**, Ochefu J. and Onagbesan, O. M. (2010): Grazing behaviour of cow and ewes in sown pasture. Proceeding of the 35<sup>th</sup> Annual Conference of the **Nigeria Society for Animal Production,** Ibadan. Pp 622-624.

#### **POSITION OF RESPONSIBILITY HELD:**

- (a) Deputy Programme Leader, Livestock Science and Sustainable Environment, Centre of Excellence in Agricultural Development and Sustainable Environment, Federal University of Agriculture, Abeokuta, Nigeria: 2023 till date.
- (b) Hostel Warden, Federal University of Agriculture, Abeokuta, Nigeria: 2023 till date
- (c) Postgraduate Students Coordinator, Department of Animal Physiology, Federal University of Agriculture, Abeokuta, Nigeria: 2022 till date.
- (d) Member, Student Welfare and Hostel Management Committee (SWEHOMAC): 2023 till date
- (e) Member, Constitution of Technical Committee on Agricultural Revitalization
- (f) College Representative, Centre for Community-Based Farming Scheme, Federal University of Agriculture, Abeokuta, Nigeria: 2021 to 2023.

- (g) Departmental Representative, COCCER, College of Animal Science and Livestock Production: 2021 till date.
- (h) College Representative, Students' Industrial Work Experience Scheme, Federal University of Agriculture, Abeokuta, Nigeria: 2020 to 2023.
- (i) Member, College Board (COLANIM) (Dec, 2013 –till date).
- (j) College Representative, College of Biological Science, FUNAAB (Oct 2017 to June 2019).
- (k) Level Adviser in the Department of Animal Physiology.
- (l) Registration Officer, Animal Physiology Department (October 2014 -September, 2018)
- (m)Member, Welfare Committee, Animal Physiology Department, FUNAAB (Dec. 2013 till date)

#### **SPECIAL ASSIGNMENTS/ COMMUNITY SERVICE**

##### **a. University Assignments**

- I. Academic Supervisor, Community-Based Farming Scheme (COBFAS) (2013 –date)

##### **b. College Assignments**

- I. College Representative to COLBIOS (2017 - 2019)
- II. Member, Poultry Technical Committee (2013 – date)
- III. Member, College Board (2013 – date)

##### **c. Departmental Assignments**

- I. Examination Officer (2018 till date)
- II. Secretary, Social and Welfare Committee (2014 – date)
- III. Registration Officer for newly admitted students (2013 – 2018)
- IV. Course Coordinator, ANP 201, AGS 597 and AGS 598 (2013 - date)
- V. Level Adviser, 100 Level (2014 till date)

##### **d. Editorial Experience**

###### **Guest Editorial Roles**

- i.* Guest Associate Editor, Frontiers in Veterinary Science
- ii.* Guest Associate Editor, Frontiers in Sustainable Food System

###### **Reviewer for foreign and local Journals:**

- iii.* Poultry Science
- iv.* Animal
- v.* Applied Animal Behaviour
- vi.* Journal of Agricultural Science and Environment (formerly: ASSET).
- vii.* Nigerian Society for Animal Production (Conference Proceedings)
- viii.* Journal of Thermal Biology (Elsevier)
- ix.* Veterinary Medicine and Science
- x.* Nigerian Journal of Animal Science (formerly Tropical Journal of Animal Science).
- xi.* Tropical Animal Health and Production
- xii.* Journal of Animal Physiology and Animal Production

- xiii.* Translational Animal Science
- xiv.* Frontiers in Physiology
- xv.* Frontiers in Veterinary Science
- xvi.* Heliyon
- xvii.* British Poultry Science
- xviii.* Journal of Applied Poultry Research
- xix.* Scientific Reports
- xx.* European Poultry Science
- xxi.* Stress
- xxii.* Cogent Food and Agriculture

**e. External Examination**

- (a) Department of Animal Science, University of Ibadan, Ibadan, Nigeria: 2023 till date
- (b) College of Animal Health and Production, Moor Plantation, Ibadan 2024 till date

**f. Community Service**

- (i) Participation in FUNAAB Post-JAMB Examination 2014
- (ii) Poll Clerk, Independent Electoral Commission, Nigeria - March, 2011
- (ii) Ward Collation Officer, Independent Electoral Commission, Nigeria March, 2015
- (iii) President, Full Gospel Business Men’s Fellowship International (UNAAB Youth) 2004 - 2006
- (iv) Vice President, Full Gospel Business Men’s Fellowship International, Asero Chapter Oct. 2014 to Oct. 2016
- (iv) President, Full Gospel Business Men’s Fellowship International, Asero Chapter Oct. 2016 till date
- (vi) Member, Protocol Unit, Living Faith Church, Obantoko, Abeokuta Oct. 2015 till date
- (vii) Vice Chairman, Ifesowapo Community Development Association, Oluwo-Keesin, Abeokuta February 2018 till date
- Viii President, Full Gospel Business Men’s Fellowship International, FUNAAB Main Chapter December 2018- till date

**TRAINING PROGRAMME ATTENDED (with dates)**

- I. Training workshop on Research Grants** Organised by International Foundation for Science (IFS) held at the Federal University of Agriculture, Abeokuta, Nigeria between 13th and 15th January, 2014.
- II. Capacity Building Training for Departmental SIWES Co-ordinators and College Representatives** organized by the Directorate of SIWES on “Work-based learning, job analysis and career placement” held at the Federal University of Agriculture, Abeokuta, Nigeria between 7<sup>th</sup> and 8<sup>th</sup> July, 2014.

- III. **Training workshop on the Use of Authoring Manager** Organised by ICT centre of FUNAAB held at the Federal University of Agriculture, Abeokuta, Nigeria on 17th May 2016.
- IV. **International Short Course on Advanced Techniques in Poultry Nutrition Research** organized by the Centre of Excellence in Agricultural Development and Sustainable Development (CEADESE) held at the International Scholars' Resource Centre, Federal University of Agriculture, Abeokuta, Nigeria between February 13 and 16, 2017
- V. **Advanced Digital Appreciation Programme for Tertiary Institution Statistical Package for Social Sciences** organized by International Centre for Information and Communications Technology Studies, Digital Bridge Institute, held at the Federal University of Agriculture, Abeokuta, Nigeria between July 9 and 13, 2018.
- VI. **Academic Retreat and Curriculum Review** of the Centre of Excellence on Avian Sciences, University of Lome, Togo at Kpalime, Togo between 10 and 13<sup>th</sup> March, 2020.
- VII. **A 3-Day Academic Retreat on University Ethics, Pedagogy and Examination Matter** held at the Federal University of Agriculture, Abeokuta, Nigeria between 21<sup>st</sup> and 23<sup>rd</sup> June, 2021

#### COMMENDATION:

1. Vice-Chancellor's appreciation for the excellent performance, unwavering cooperation, commitment, dynamism and selfless service rendered as an Academic Supervisor to Farm Practical Year students under Centre for Community-Based Farming Scheme of the Federal University of Agriculture, Abeokuta during 2020 season and COVID-19 pandemic.

#### MEMBERSHIP OF PROFESSIONAL BODIES

- I. Member, Nigerian Institute of Animal Science – **RAS 1351**
- II. Member, Animal Science Association of Nigeria (ASAN)
- III. Member, Nigerian Society for Animal Production (NSAP)
- IV. Member, World Poultry Science Association (WPSA)

#### RESEARCH INTEREST OR COMMISSIONED PROJECTS

##### Research Interest:

- I. Use of ethno-botanicals in livestock production.
- II. Environmental influence on monogastric and ruminant animals.
- III. Ameliorative effects of phytochemicals on exotic birds in Nigeria.
- IV. Improvement of Nigerian indigenous chicken.

##### V. University Teaching Experience

Session	Course Code	Course Title	Units	No. of students
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	ANP 507	Animal Behaviour	2	82
	ANP 506	Endocrinology	2	82
<b>2013/ 2014</b>	ANP 503	Environmental Physiology	2	85
	AGS 597	Seminar	1	82
	AGS 598	Seminar	1	82
	AGP 599	Research	4	82
	FPY 416	Farm Practical	2	1430
	FPY 414	Farm Practical	4	1430
	FPY 415	Farm Practical	2	1430
	ANP 102	Animal Physiology	3	106
	ANP 507	Animal Behaviour	2	106
2014/ 2015	ANP 506	Endocrinology	2	106
	ANP 503	Environmental Physiology	2	106
		Seminar		106
	AGS 597	Research	1	
	AGS 598		1	106
	FPY 416	Farm Practical	2	1430
	FPY 414	Farm Practical	4	1430
	FPY 415	Farm Practical	2	1430
2015/ 2016	ANP 102	Animal Physiology	3	106
	ANP 507	Animal Behaviour	2	106
	ANP 506	Endocrinology	2	106
	ANP 503	Environmental Physiology	2	106
				106
	AGS 597	Seminar	1	106
	AGS 598	Research	1	106
		Environmental Physiology		106
	AGP 599		4	106
	ANP 201	Comparative Anatomy and Physiology	3	1121
	ANP 502	Reproductive Physiology	3	590
	FPY 416	Farm Practical	2	1408
	FPY 414	Environmental Physiology	4	1408
	FPY 415	Environmental Physiology	2	1408
2016/ 2017	ANP 102	Animal Physiology	3	115
	ANP 507	Animal Behaviour	2	115
	ANP 506	Endocrinology	2	115
	ANP 503	Environmental Physiology	2	115
	AGS 597	Seminar	1	115
		Seminar		115
	AGS 598		1	115
	AGP 599	Research		

			4	115
	ANP 201	Comparative Anatomy and Physiology	3	1502
	ANP 502	Reproductive physiology	3	578
	FPY 416	Farm Practical	2	1472
	FPY 414	Farm Practical	4	1472
	FPY 415	Farm Practical	2	1472
2017/ 2018	ANP 102	Animal Physiology	3	120
	ANP 507	Animal Behaviour		120
			2	
	ANP 506	Endocrinology		120
			2	
	ANP 503	Environmental Physiology	2	115
		Seminar		115
	AGS 597		1	
		Seminar		
	AGS 598		1	115
		Research		
	AGP 599		4	115
	ANP 201	Comparative Anatomy and Physiology	3	1502
	ANP 502	Reproductive physiology	3	578
	ANP 505	Farm Practical	3	115
	FPY 416	Farm Practical	2	1472
	FPY 414	Farm Practical	4	1472
2018/ 2019	ANP 507	Animal Behaviour		95
			2	
	ANP 503	Environmental Physiology	2	95
		Seminar		95
	AGS 597		1	
		Seminar		
	AGS 598		1	97
		Research		
	AGP 599		4	97
	ANP 201	Comparative Anatomy and Physiology	3	1532
	FPY 416	Farm Practical	2	1532
	ANP 505	Growth		97
	FPY 414	Farm Practical	4	1532
	FPY 415	Farm Practical	2	1532
	ANP 511	Genomics		95
	ANP 502	Reproductive physiology	3	578
	ANP 506	Endocrinology		120
			2	
2020/ 2021	ANP 507	Animal Behaviour	3	89
	ANP 503	Environmental Physiology	2	85
		Seminar		87
	AGS 597		1	
		Seminar		87
	AGS 598		1	
		Research		87
	AGP 599		4	
	ANP 201	Comparative Anatomy and Physiology	3	87
	FPY 412	Farm Practical	4	1425
	ANP 505	Growth	2	87
	FPY 414	Farm Practical	4	1425
	ANP 511	Genomics	1	87
	ANP 502	Reproductive physiology	3	578
	ANP 506	Endocrinology	2	120
2021/2022	ANP 507	Animal Behaviour	2	64

	ANP 503	Environmental Physiology	2	65
	AGS 597	Seminar	1	64
	AGS 598	Seminar	1	64
	AGP 599	Research	4	64
	ANP 201	Physiology and Anatomy	3	1720
	FPY 414	Farm Practical	4	1510
	ANP 505	Growth	2	64
	ANP 511	Genomics	1	64
	ANP 502	Reproductive physiology	3	134
	ANP 506	Endocrinology	2	64
2022/ 2023	ANP 507	Animal Behaviour	3	94
	ANP 503	Environmental Physiology	2	81
		Seminar		81
	AGS 597		1	
		Seminar	1	81
	AGS 598			
		Research	4	82
	AGP 599			
	ANP 201	Comparative Anatomy and Physiology	3	1630
	ANP 505	Growth	2	81
	ANP 511	Genomics	1	84
	ANP 502	Reproductive physiology	3	427
	ANP 506	Endocrinology	2	84
	APL 805	Environmental Physiology of Farm Animals	2	7
	ANP 507	Animal Behaviour	3	110
2023/2024	ANP 503	Environmental Physiology	2	105
		Seminar		105
	AGS 597		1	
		Seminar	1	105
	AGS 598			
		Research	4	105
	AGP 599			
	ANP 201	Comparative Anatomy and Physiology	3	1738
	ANP 505	Growth	2	110
	ANP 511	Genomics	1	110
	ANP 502	Reproductive physiology	3	149
	ANP 506	Endocrinology	2	105
	APL 805	Environmental Physiology of Farm Animals	2	106

## INFORMATION ON FELLOWSHIP, UNDERGRADUATE, MASTER'S AND PH.D. THESIS SUPERVISED

### a. UNDERGRADUATE STUDENTS

S/N	Project Title	Name of Student	Date/Year of Commencement	Status	Supervision
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1	Effect of different levels of honey on the growth and physiological responses of broiler chickens during hot-dry season	Sorongbe, Faith O.	2013/2014	Completed	Sole
2	Effect of <i>Moringa oleifera</i> leaf powder on the growth and physiological responses of broiler chickens during hot-dry season	Onabajo, Anuoluwapo O.	2013/2014	Completed	Sole
3	Effect of Neem leaf powder on the growth and physiological responses of broiler chickens during hot-dry season	Oyetunji, Damilola E.	2013/2014	Completed	Sole
4	Responses of broiler chickens fed graded levels of turmeric during hot dry season	Lawal, T. G.	2010/0503	Completed	Sole
5	Effects of protease enzyme supplementation on the physiological responses of turkeys fed diet containing hydrolyzed feather meal and blood meal	Ajayi, O. K.	2010/0533	Completed	Sole
6	Physiological response of exotic turkey fed methionine from different sources under hot humid tropical climate.	Ogundipe, A. A.	2010/0505	Completed	Sole
7	Physiological response of broiler chickens fed olive leaf extract during hot dry season	Emeshili, U. K.	2010/0541	Completed	Sole
8	Responses of exotic turkeys fed Spirulina ( <i>Arthrospira platensis</i> ) with or without Vitamin B2 and B6 during dry season.	Bankole, F. E.	2010/0538	Completed	Sole
9.	Effects of litter materials on organ relative weights and meat quality of broiler chickens under hot humid climate	Babatunde, M. B.	2011/0507	Completed	Sole
10	Physiological responses of broiler chickens offered honey at different environmental temperature	Ajao, A. E.	2011/0498	Completed	Sole
11	Effect of genotype on embryonic development and juvenile growth among Nigeria indigenous and exotic broiler chickens	Ogbebor, C. O.	20110536	Completed	Sole
12	Evaluation of reproductive performance and egg quality of egg-type chickens as influenced by litter materials	Okeyode, O. S.	2010/0552	Completed	Sole
13	Effects of coconut water on lipid peroxidation and superoxide dismutase of broiler chickens reared under hot humid tropical climate	Iyalekhue, N. O.	2012/0607	Completed	Sole
14	Effects of coconut water on relative weights of organs and meat quality of broiler chickens reared under hot humid tropical climate	Oluwa, O.	2011/0558	Completed	Sole
15	Effects of honey on relative organ weights, meat quality and guts microbial count of broilers raised in different environmental temperature.	Idahosa, B. N.	2011/0522	Completed	Sole
16	Effects of honey on performance and physiological response of broiler chickens raised under different environmental temperatures	Eluwa, C. T.	2011/0512	Completed	Sole
17	Effects of vitamin E and selenium supplementation on the reproductive performance of guinea fowls).	Odebunmi A. A.	2012/0554	Completed	Sole
18	Effects of vitamin E and selenium supplementation on egg quality characteristics and embryonic development of guinea fowl.	Adigun, B.	2011/2673	Completed	Sole

19	Effects of deep litter system with access to different legume pasture on the performance of broiler chickens	Asifatu, J. A.	2012/0538	Completed	Sole
20	Effects of deep litter system with access to different legume pasture on meat proximate composition and shear force of broiler chickens	Ibrahim, R. O.	2012/0552	Completed	Sole
21	Effects of deep litter system with access to different legume pasture on behaviour of broiler chickens	Akinjobi, O. A.	2012/0529	Completed	Sole
22	Effects of deep litter system with access to different legume pasture on bone strength and mineral analysis of broiler chickens	Omotunde, O. M.	2012/0584	Completed	Sole
23	Effects of deep litter system with access to different legume pasture on plasma corticosterone and triiodothyronine of broiler chickens	Adekunle, A. W.	2012/0543	Completed	Sole
24	Effects of deep litter system with access to different legume pasture on rectal temperature, heat rate and respiratory rate of broiler chickens	Bankole, A. I.	2012/0542	Completed	Sole
25	Effects of deep litter system with access to different legume pasture on haematology and biochemical parameters of broiler chickens	Akosile, O.A.	2012/0532	Completed	Sole
26	Effects of deep litter system with access to different legume pasture on relative weights of organs of broiler chickens	Afuda, A. I.	2012/0525	Completed	Sole
27	Effect of monochromatic light on the gait score hock burn and foot pad dermatitis of broiler chickens	Adegbite, O. S.	2013/0450	Completed	Sole
28	Effect of monochromatic light on body temperature and respiratory rate of broiler chickens	Adesiyan, J. A.	2013/0454	Completed	Sole
29	Effect of monochromatic light on performance of broiler chickens	Oni, A. I.	2013/0504	Completed	Sole
30	Effect of monochromatic light on plasma triiodothyronine of broiler chickens	Afolayan, T. R.	2013/0457	Completed	Sole
31	Effect of monochromatic light on haematological parameters of broiler chickens at starter phase	Adeoye Mary	2013/0543	Completed	Sole
32	Effect of monochromatic light on haematological parameters of broiler chickens at finisher phase	Ogunbajo Pelumi	2014/0762	Completed	Sole
33	Effect of monochromatic light on behaviour of broiler chickens	Bakare Oluwatobiloba	2013/0469	Completed	Sole
34	Effect of monochromatic light on carcass characteristics of broiler chickens	Ojelade Dorcas	2013/0491	Completed	Sole
35	Thermo-tolerance acquisition in broiler chickens subjected in response to road transportation: haematological parameters	Okolie Juliet	2014/0766	Completed	Sole
36	Thermo-tolerance acquisition in broiler chickens subjected in response to road transportation: physiological parameters	Badmus Ibraheem	PT11/0148	Completed	Sole
37	Evaluation of in ovo black cumin on posthatch performance and immunity of thermally challenged broiler	Fatoki, S.T..	2015/0551	Completed	Sole
38	Evaluation of in ovo black cumin on physiological response of thermally challenged broiler	Bankole, K. O.	2014/0737	Completed	Sole
39	Evaluation of in ovo black cumin on haematological parameters of thermally challenged broiler	Jimoh, I. O.	2014/0750	Completed	Sole
40	Evaluation of in ovo black cumin on organ and weights and intestinal morphology of thermally challenged broiler	Iwang, N.I.	2013/2756	Completed	Sole
41	Evaluation of in ovo black cumin on haematological parameters of newly hatched chicks of thermally	Awodipe, H. O.	2014/0733	Completed	Sole

42	challenged embryos Evaluation of in ovo black cumin on anatomical characteristics parameters of newly hatched chicks of thermally challenged embryos	Adegbite, H. O.	2014/0709	Completed	Sole
43	Evaluation of in ovo black cumin on hatchability and chick quality of thermally challenged broiler embryos	Allinson, K.A.	2014/0726	Completed	Sole
44	Evaluation of in ovo clove and cinnamon extract on physiological responses of broiler chickens under hot humid conditions	Akinola, A. D.	2015/0534	Completed	Sole
45	Evaluation of in ovo clove and cinnamon extract on growth performance of broiler chickens under hot humid conditions	Adekunle, A. E.	2015/0525	Completed	Sole
46	Evaluation of in ovo clove and cinnamon extract on haemtochemical indices of broiler chickens under hot humid conditions	Olayiwola, O. E.	2015/0575	Completed	Sole
47	Evaluation of in ovo clove and cinnamon extract on hatchability and chick quality of broiler chickens under hot humid conditions	Afolabi K.I.	2015/0525	Completed	Sole
48	Evaluation of in ovo clove and cinnamon extract on anatomical characteristics of newly-hatched chicks	Akinyele, F. R.	2015/0536	Completed	Sole
49	Evaluation of in ovo clove and cinnamon extract on gut morphology of broiler chickens under hot humid conditions	Joseph, A. S.	2015/0560	Completed	Sole

#### b. POSTGRADUATE PROGRAMME

S/N	Project Title	Name of student	Status	Supervision
<b>M. AGRIC</b>				
1	Response of broiler chickens to diets of sub-optimal nutritional plane supplemented with or without organic acids	Ogunola Kolade Monsur PG17/0005	Completed	Co-Supervision
2	Effect of lycopene on dichlorvos-induced toxicity in male rats	Aluko Paulmiky PG17/0454	Ongoing	Co-Supervision
3	Hormonal profile of Khalari goats	Adegboyega, T. Oyeyemi PG18/0072	Ongoing	Co-Supervision
4	Evaluation of phytogetic feed additives in broiler diets	Adekunle, Folasade Anita PG18/0389	Completed	Co-Supervision
5	Comparative effects of <i>in ovo</i> ascorbic acid and black cumin on the hatching and post-hatch performance of broiler chickens	Oyelola Omolayo, B. PG17/0619	Completed	Major Supervision
6	Evaluation of Selenium on the physiological response of broiler breeders under tropical conditions	Olorunyomi, E. A. PG17/0611	Ongoing	Major Supervision
7	Comparative effects of different cooling rate on viability of washed and non-	Ogundele, A. S. PG16/0054	Completed	Co-Supervision

	washed cryopreserved goat semen using coconut water extender			
8	Evaluation of different legume pastures on performance and welfare of broilers under dry season	Akande Janet PG15/0381	Completed	Co-Supervision
9	Effects of avocado seed milk on cryo-survival of West African Dwarf Goat buck spermatozoa using different extenders and washing protocols	Iyanda, Olayinka A. (PG13/0627)	Completed	Co-Supervision
10	Effect of access to different legume pastures and its biomass intake on performance and welfare of broilers under rainy season	Sodipo, I. D. PG15/0610	Completed	Co-Supervision
11	Effects of supplemental L-threonine on performance, haematology and serum chemistry of broiler chickens fed low crude protein diet	Jolaosho, O. A. PG16/0601	Completed	Co-Supervision
12	Effects of different levels of <i>Stylosanthes hamata</i> leaf on the physiological response of broiler chickens	Adejuyigbe, A. E.	Completed	Co-Supervision
13	Response of weaner rabbits to <i>Petiveria alliacea</i> (guinea hen weed) root and leaf meal	Abotinde, R. O. (PG14/0851)	Completed	Co-Supervision
14	Udder dimension and estimation of milk yield in West African Dwarf Goats	Olumoko, O. A. (PG14/0712)	Completed	Co-Supervision
15	Effects of housing temperature and diluted coconut water on physiological responses, bone strength and gastrointestinal tract of broiler chickens	Balogun, S. I. (PG14/0604)	Completed	Co-Supervision
16	Responses of broiler chickens to graded dietary levels of <i>Morinda lucida</i> leaf and stem bark powder.	Fasasi, M. O. PG16/0455	Completed	Co-Supervision
17	Effect of African black soap on the calcium retention and morphometrical indices of bones from domestic fowl ( <i>Gallus domesticus</i> )	Adigun, A. B. PG15/0239	Completed	Co-Supervision
18	Effect of <i>Pipper guinensis</i> on rabbit	Akpasa Chioma PG17/0553	Completed	Co-Supervision
19	Comparative effect of aqueous extract of cinnamon and clove on the hatching traits and physiological responses broiler chickens	Akosile O. A. PG18/0556	Completed	Major Supervision
20	Effect of <i>in ovo</i> feeding of cysteine and lysine on hatching and physiological responses of broiler chickens	Ajayi, Oluwayemisi PG18/0688	Ongoing	Major Supervision
21	Early age thermal conditioning and antioxidant supplementation on broiler chickens	Oni Aderanti Ifeoluwa PG19/0039	Completed	Major Supervision
22	Effect of age and egg storage on egg quality, hatching and performance of Funaab alpha breeders	Alo Ezekiel Taiwo	Completed	Major Supervision
23	Response of growing turkeys to diets supplemented with betaine in	Odunayo, A.	Completed	Co-Supervision

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ameliorating stress induced  
by corticosterone

**Ph.D**

1	Comparative effects of using coconut water, honey and lime juice to control heat stress in broiler chickens under humid tropical conditions	Obanla, L. O., PG07/0112	Completed
2	Effects of l-leucine <i>in ovo</i> feeding on thermotolerance, growth performance and amino acid metabolism of different strains of chickens under heat stress	Jinadu, S. O. PG15/0254	On-going
3	Ameliorating stress in broiler chickens and exotic turkeys using phytogetic additives blend	Fasasi, M. O. PG16/0455	Completed
4	Response of broiler chickens to varied crude protein diets supplemented with phytogetic blends of ginger, thyme and black pepper	Ogunleye Bukola Johnson PG19/0917	Completed
5	Responses of two strains of broiler chickens to hot water infusion and methanolic extracts of bitter leaves and purge nut leaves	Adewunmi Moji O. PG22/3022	Ongoing
6	Harnessing the synergy of <i>in ovo</i> feeding with thyme, turmeric, and ginger: enhancing impacts on thermoregulation and growth performance of broiler chickens in hot dry conditions	Akosile Oluwaseun PG18/0556	Ongoing
7	Comparative effect of <i>in ovo</i> injection of synthetic aromatase inhibitors on performance of two strains of broiler chickens	Ibrahim Oyinofe Wuraola PG19/0053	Ongoing
8	Seasonal epidemiological status of ticks, tick-borne pathogens, and gastrointestinal parasites in smallholder west African dwarf sheep and goats production in Sierra Leone and Nigeria	Mustapha, Edwin Idriss PG/23/3040	Ongoing

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## EXTRA CURRICULA ACTIVITIES

Sports: Football, table tennis reading and travelling.

## REFEREES

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**Signature**