

Profile of Dr. Oyegunle Emmanuel Oke

i. Brief Biography

Oyegunle Emmanuel 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 phytogenic feed additives and novel feeding strategies could benefit poultry farming in terms of nutrition and health.



Oyegunle Emmanuel Oke, PhD

Department of Animal Physiology,
Federal University of Agriculture,
PMB 2240, Abeokuta,
Nigeria.

Telephone: +2348034919161
Email: okeoe@funaab.edu.ng

Google Scholar: <https://scholar.google.com/citations?hl>
Scopus Profile: <https://www.scopus.com/authid/detail.uri?authorId=57476339000>
Website: <https://unaab.edu.ng/2014/07/08/oke-oyegunle-emmanuel/>
Identifiers/ORCID: <https://orcid.org/0000-0002-9425-4217>

PROFESSIONAL APPOINTMENTS

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

EDUCATION

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

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| 2021 | 2021-2019 Research Project Award from Batch 8 th 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 th 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 <i>in-ovo</i> 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 th 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 th 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

[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., Adeyeleri, 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. Adebawale, 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- α 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., Adebiyi, 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., Bambose, 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.**, Magueda, 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 Phytogenic 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., Mлага, 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., Orounladjji, 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., Bambose, A. M., Olanloye, S. A., Oso, A. O., **Oke, O. E.**, Fafiolu, A. O., Sobayo, R. A., Adewumi, B. A., Anigbogu, N. M. and Oluwatossin, 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 Phylogenics 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
47. Bilalissi, A., Meteyake, H. T., **Oke, O. E.**, Lin, H., Onagbesan, O. and Tona, K. 2022. Effect of non-ventilation during the first 10 d of incubation on physiology, hatching events and post-hatch performances of 2 commercial layers strains. *European Poultry Science*, 86, 1-21. DOI: 10.1399/eps.2022.360. Published by ELSEVIER.
48. Ajayi, O. I., Smith, O. F., Oso, A. O., and **Oke, O. E.** 2022. Evaluation of *in ovo* Feeding of Low or High Mixtures of Cysteine and Lysine on Performance, Intestinal Morphology and Physiological Responses of Thermal-Challenged Broiler Embryos. *Frontiers in Physiology*, 13:972041. doi: 10.3389/fphys.2022.972041. Published by Frontiers Media SA Switzerland.
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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
114. Abioja, M. O., Abiona, J. A., Sodipe, O. G., Adeleye, O. O., Akibo, T. E., Daramola, J. O., **Oke, O. E.**, Williams, T. J., Oguntuase, O. M., Oladapo, O. I., Okanlawon, O. R., Mudasiru, A. O., Siyanbola, A. Y., Ogunduyi, B. O., Soyiga, B. M., James, I. J., Osinowo, O. A. (2015): Effect of coconut water on rectal temperature and blood glucose in broilers subjected to acute and transportation stress. *Nigerian Journal of Animal Science*, 17: 141 – 147. Published by Animal Science Association of Nigeria.
115. Daramola, J. O., Adeloye, A. A., Yousuf, M. B., Olatunde, A. O., **Oke, O. E.**, Abioja, M. O., Adenaike, O. (2015): Changes in blood and the physio-clinical indices of West African Dwarf goats during road transport. *Nigerian Journal of Animal Production*, 42: 14-20. Published by Nigerian Society for Animal Production.
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120. **Oke, O. E.**, Ladokun, A. O., Onagbesan, O. M. (2014): Quality parameters of eggs from chickens reared in deep litter system with or without access to grass or legume pasture. *Livestock Research for Rural Development*, 26, Article #201. Retrieved April 29, 2014, from <http://www.lrrd.org/lrrd26/11/oke26201.htm>. **Published by CIPAV, Colombia.**
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124. Daramola, J. O., Abioja, M.O. Sodipe, O.G. Sorongbe, T.A. Ochefu, J. Sobowale, A.A. Onayemi, O., **Oke, O.** (2013): Comparative Effects of Egg Yolks from Different Poultry Breeds on Viability of Refrigerated Spermatozoa from West African Dwarf Bucks. *Journal of Agricultural Science and Environment* (formerly: ASSET). 13: 24 – 31. **Published by Federal University of Agriculture, Abeokuta.**
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130. Ladokun, A. O., Otite, J. R., Sokunbi, A. O., Joel, S., Akinfemi, A., **Oke, O. E.**, Adejumo, D. O. (2012): Volumetric proportion of spermatogenic element of cockerels administered different dietary crude hormonal extract. *Nigeria Poultry Science Journal* 8: 77 – 82. Published by World's Poultry Science, Nigerian Branch, Nigeria.

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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. **113th 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 phytopreventive additive. Proc. 45th Conf., Nig. Soc. Anim. Prod. Pp 1181 – 1184.
8. Iyasere, O. Omotosho, T., Salako, M. Durosaro, S., **Oke, E.**, Oyeniran, 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. **108th 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. **6th 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. 41st 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 21st 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 20th 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. **39th Conf., Nig. Soc. Anim. Prod. Ilisan-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 **4th 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. 38th 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., Ogunsona, O. A., **Oke, O. E.**, Ochefu J. and Onagbesan, O. M. (2010): Grazing behaviour of cow and ewes in sown pasture. Proceeding of the 35th 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 7th and 8th 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 13th 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 21st and 23rd 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 |
|---------|-------------|--------------|-------|-----------------|
|---------|-------------|--------------|-------|-----------------|

| | | | | |
|-------------------|----------------|------------------------------------|----------|------------|
| | ANP 507 | Animal Behaviour | | |
| | ANP 506 | Endocrinology | 2 | 82 |
| 2013/ 2014 | 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 | | 106 |
| | | | 2 | |
| 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 | | 106 |
| | ANP 506 | Endocrinology | 2 | 106 |
| | ANP 503 | Environmental Physiology | | 106 |
| | | | 2 | |
| | AGS 597 | Seminar | | 106 |
| | AGS 598 | Research | 1 | 106 |
| | | Environmental Physiology | | |
| | 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 | | 115 |
| | ANP 506 | Endocrinology | 2 | |
| | ANP 503 | Environmental Physiology | 2 | 115 |
| | AGS 597 | Seminar | | 115 |
| | | Seminar | 1 | |
| | 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 | 2 | 120 |
| | ANP 506 | Endocrinology | 2 | 120 |
| | ANP 503 | Environmental Physiology | 2 | 115 |
| | | Seminar | | 115 |
| | AGS 597 | Seminar | 1 | |
| | AGS 598 | Research | 1 | 115 |
| | 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 | Seminar | 1 | |
| | AGS 598 | Research | 1 | 97 |
| | 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 | Seminar | 1 | |
| | AGS 598 | Research | 1 | 87 |
| | AGP 599 | | 4 | 87 |
| | 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 |

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|------------|---------|--|---|------|
| | 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 |
| 2023/2024 | ANP 507 | Animal Behaviour | 3 | 110 |
| | 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 |
|-----|---------------|-----------------|---------------------------|--------|-------------|
| | | | | | |

| | | | | | |
|----|---|------------------------|-----------|-----------|------|
| 1 | Effect of different levels of honey on the growth and physiological responses of broiler chickens during hot-dry season | Sorungbe, 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 | Ogbebtor, 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 |

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|----|---|---|-----------|-----------|------|
| 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 | Adesiyani, 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 Ojelade Dorcas | 2013/0469 | Completed | Sole |
| 34 | Effect of monochromatic light on carcass characteristics of broiler chickens | | 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 |

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|----|---|------------------|-----------|-----------|------|--|
| | challenged embryos | | | | | |
| 42 | 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 haematochemical 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 |
|-----------------|---|------------------------------------|-----------|-------------------|
| M. AGRIC | | | | |
| 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 phytogenic 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 |

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|----|---|---------------------------------------|-----------|-------------------|
| | 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 | Adejuigbe, 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 phytonic additives blend | Fasasi, M. O. PG16/0455 | Completed |
| 4 | Response of broiler chickens to varied crude protein diets supplemented with phytonic 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 |

EXTRA CURRICULA ACTIVITIES

Sports: Football, table tennis reading and travelling.

REFEREES

Professor O. M. Onagbesan
 Department of Animal Physiology,
 Federal University of Agriculture,
 P.M.B. 2240, Abeokuta, Nigeria.

Tel: +2347084012610
E-mail: onagbesanom@funaab.edu.ng

Prof. Sunday Peters
Department Chair
Department Animal Science
Berry College, Mt Berry, GA 30149, USA
Tel: +15755719089
E-mail: speters@berry.edu

Prof. O. M. Sogunle
Department of Animal Production and Health,
Federal University of Agriculture,
P.M.B. 2240, Abeokuta, Nigeria.
Tel: +234 802 399 0201
E-mail: sogunleom@funaab.edu.ng



Signature