

Biography:

Dr Azeez Olanrewaju Yusuf joined the service of Federal University of Agriculture, Abeokuta, on the 24th of March 2009 as a Junior Research Fellow, having emerged as the best graduating student from the Department of Animal production and Health, Federal University of Agriculture, Abeokuta, Nigeria, during the 2006/2007 session. He had since rose to the position of a Lecturer I (2017) due to his outstanding academic performance.

He had his Ph.D degree (2015) in Animal Science (ruminant production option) from Federal University of Agriculture, Abeokuta, Nigeria. He also holds a Bachelor of Agriculture (Animal Production and Health, 2008) and master's degree in (2011) Ruminant Production from the same University. To his credit, he has over 78 research outputs comprising 60 journal articles and 12 referred conference papers. His research focused on sustainable livestock production in the face of recent climatic change, alternative feeding systems and animal health improvement using spice and herbs. He had successfully trained, 15 MSc students, 1 postgraduate diploma student and 35 honours students.

He had an International Diploma in Animal Feed (2018) from AERES PTC+, The Netherlands and a DAAD ClimapAfrica alumni.

Personal Information

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Research links:

Research gate: <https://www.researchgate.net/profile/Azeez-Yusuf>

Google scholar: <https://scholar.google.nl/citations?hl=en&user=Y5iHmxwAAAAJ>

LinkedIn: <https://www.linkedin.com/in/azeez-olanrewaju-yusuf-589910169/>

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LiveDNA: <https://livedna.net/?dna=234.12768>

Qualification:

1. Saint Saviour Pry School, Agege, Lagos: 1985-1990
2. Iloro Grammar School, Agege, Lagos: 1991-1996
3. Lagos State Polytechnic, Ikorodu, Lagos: 1999-2002
4. B. Agric., University of Agriculture, Abeokuta, Nigeria: 2003-2008
5. M.Agric., University of Agriculture, Abeokuta, Nigeria: 2009-2011
6. Ph.D., Federal University of Agriculture, Abeokuta, Nigeria: 2012-2015
7. Aeres training Centre, International (PTC+): 2018
8. Postdoctoral Fellowship: North West University, Mafikeng, South Africa: 2016 – 2019

Membership of Academic & Professional Bodies

1. Nigerian Society for Animal Production
2. Animal Science Association of Nigeria (ASAN)
3. Nigerian Institute of Animal Science (**GAS**)
4. South African Council for Natural Scientific Professions (SACNASP)
5. African Academic of Science, Kenya (West Africa Member affiliate)

Awards/Fellowships:

Award:

1. Best Graduating Student in Dept. of Agricultural Technology Lagos State Polytechnic, Ikorodu, Lagos: 2002
2. Ogun State Printing Corporation for the Best Graduating Student in College of Animal Science and Livestock Production: 2007
3. University of Agriculture, Abeokuta Junior Research Fellowship: 2009 – 2011
4. Food Security and Food Safety Grant, North West University, Mafikeng South Africa: 2016
5. Postdoctoral fellow, North West University, Mafikeng, South Africa: 2016 – 2019

Fellowship/Grant:

- Visiting Researcher, University of Kassel, Germany Sep.2021 – Mar. 2022
- DAAD ClimapAfrica, Postdoctoral fellowship, DAAD, Germany 2020-2022
- Postdoctoral Researcher, North-West University, Mafikeng, South Africa 2016-2019
- Food Security and Food Safety Grant, North-West University, South Africa 2016
R40 000

Research conducted

- i. *In-vitro* evaluation and mitigation of methane from sub-tropical forages using incremental levels of plant oil extract additives
- ii. Utilization of sweet potato peel-based diets supplemented with Urea –Sulfur combination by Rams
- iii. Effect of nano zinc supplementation on performance, apparent digestibility, bioavailability of zinc and zinc status in West African Dwarf sheep.
- iv. Utilization of varying levels of nano zinc oxide (nZnO) supplemented in diets of west African dwarf goats
- v. Anthelmintic efficacy of selected tree species in artificially infected West African dwarf goats

Conference attended

- I. The 15th Annual Conference of Animal Science Association of Nigeria held at University of Uyo, Akwalbom State, Nigeria, September 13-16, 2010.
- II. The 35th Annual Conference of the Nigerian Society for Animal Production (NSAP) held at the University of Ibadan, Ibadan, Oyo State, Nigeria, March 21-24, 2010.
- III. The 14th Annual Conference of Animal Science Association of Nigeria held at Ladoké Akintola University of Technology, Oyo State, Nigeria, September 14-17, 2009.

- IV. The 49thSASAS Congress and International Ratite Symposium held at Spier Hotel and Congress Centre, Stellenbosch, Western Cape Province, South Africa. 3-7 July 2016.
- V. 4th Annual Northwest University Postdoctoral Conference, Sport Village Potchefstroom Campus, South Africa. 21st September 2016.
- VI. Fourth International Conference on Agriculture, Animal Sciences, Aquaculture and Fisheries held at Galadari Hotel, Colombo, Sri Lanka, 28th – 29th December 2016.
- VII. The 50thSASAS Congress and International Ratite Symposium held at **Boardwalk Conference Centre, Port Elizabeth**, Eastern Cape Province, South Africa. 18-21 September 2017.
- VIII. Workshop on Responsible conduct on research and Laboratory Practices held at Northwest University, Mahikeng Campus, South Africa. 13, 16 and 17th, August 2017.
- IX. Microbial Genomics and Metagenomics Workshop held at Joint Genome Institute, Walnut Creek, California, USA, September 17 – 21, 2018.
- X. Connecting Minds Africa 2019 “For the Africa we want”, held at the world Agroforestry Centre, ICRAF Road, Off UN Avenue, Nairobi, Kenya, September 25th – 27th, 2019.

Publications

Journal Articles in print:

- 1^F Bawala T. O., Akinsoyinu O. A. and **Yusuf A. O.** 2009. Studies on performance of young African goats fed diets containing sulphur additive. ***Nutrition and Food Science***, 39(4): 439-448. Published by Emerald Group Publishing Ltd.USA. Available online at www.emeraldinsight.com/insight. UK. Listed in Scimago
- 2. **Yusuf, A. O.**, Sowande, O. S., Iposu, O. S., Sonibare, A. O., Sogunle, O. M. and Adegbite J. A. 2011. Effect of diets containing different nutrient density on performance and faecal egg count of West African Dwarf rams. ***Nigerian Journal of Animal Production***, 38(2): 155-160. Published by The Nigerian Society for Animal Production, Nigeria. Available online at <http://nsap.org.ng/> **NIGERIA**.
- 3. **Yusuf, A. O.**, Bawala, O. T. Sowande O. S. and Adegbenjo, F. D. 2012. Performance and Digestibility of West African Dwarf Sheep fed varying forage and concentrate ratios. ***Nigeria Journal of Animal Science***, 14: 113-120. Published by Animal Science Association of Nigeria. Available online at www.animalscienceassociation.org.ng/ / www.ajol.info. **NIGERIA**
- 4^F **Yusuf A. O.**, O. O., Oyebanji. O. A., Yusuf, D. A., Ekunseitan, K. A., Adeleye. O. S., Sowande and Fasae O. A. 2012. Blood profile of West African dwarf goats fed *Panicum maximum* supplemented with *Newbouldia laevis* leaves. ***Bulletin of Animal Health and Production in Africa***, 60. 481 – 490. Published by Inter-African Bureau for Animal Resources, Kenya. Available online at <https://www.ajol.info/index.php/bahpa/issue/view/10300>, **KENYA**
- 5 **Yusuf, A. O.**, O. S. Sowande, O. M. Sogunle, V. A. Akinbami, O. O. Oyebanji, O. A. Yusuf, D. A., Ekunseitan, K. A. Adeleye and A. B. J. Aina. 2013. Accessing the nutritional composition and phytochemical screening of *Panicum maximum* and *Newbouldia laevis* leaves. ***Nigerian Journal of Animal Production***, 40(1): 161 – 167. Published by The Nigerian Society for Animal Production, Nigeria. Available online at <http://nsap.org.ng/>. **NIGERIA**
- 6^F **Yusuf, A.O.** and Muritala R. O. 2013. Nutritional Evaluation and phytochemical screening of common plants used in smallholder farming system. ***Pacific Journal of Science and Technology***, 14 (2):456-

- 7 [Yusuf, A. O., Agbato, I. K., Fasae, O. A., Yusuf, O. A., Ogun, M. A. and Bawala, T. O. 2014. Factors influencing ruminant production systems of two agro-pastoralist in two peri-urban centres of Ogun State. *Nigerian Journal of Animal Production*, 41\(1\): 166 – 175. Published by The Nigerian Society for Animal Production, Nigeria. Available online at <http://nsap.org.ng/> NIGERIA](#)
- 8^F **Yusuf, A. O.** Adebisi, Y. A. Fasae, O. A. and Bawala, T. O. 2014. Sheep response to sugar cane tops with varying levels of *Leucaena leucocephala* foliage. *Bulletin of Animal Health and Production in Africa*, 62 (1). 101 – 109. Published by Inter-African Bureau for Animal Resources Kenya. Available online at <https://www.ajol.info/index.php/bahpa/issue/view/10300>, KENYA
- 9^F Fasae, O. A., Amos A., Owodunni A. and **Yusuf A. O.**, 2015. Performance, Haematological Parameters and Faecal egg Count of Semi- intensively Managed West African Dwarf Sheep to Varying Levels of Cassava Leaves and Peels Supplementation. *Pertanika Journal of Tropical Agricultural Science*, 38(1): 71 - 81. Published by Universiti Putra MALAYSIA Press. Available online at <http://www.pertanika.upm.edu.my>. MALAYSIA. Listed in [Scimago](#)
- 10 **Yusuf, A. O.**, Sonibare, O. A, Sodipe, O. G. and Sowande, O. S. 2016. *Newbouldia laevis* leaves extract: Nutritive value, Phytochemical constituent and effect on growth performance and faecal egg count reduction in West African Dwarf rams raised semi intensively *Nigerian Journal of Animal Production*, 43(1): 239-246. Published by The Nigerian Society for Animal Production, Nigeria. Available online at <http://nsap.org.ng/> NIGERIA
- 11^F **Yusuf A. O.**, Ademokoya, A. J., Ogun, M. A., Raheem, A. A., Odunfa, O. A., and Sowande, O. S. 2016. Growth performance and haematological parameters of West African dwarf goats fed varying levels of *Newbouldia laevis* leaves. *Latinoamericanos de Produccion animal* 24(1): 63-68. Published by Latin American Association of Animal Production. Venezuela. Available online at <https://ojs.alpa.uy/index.php>. VENEZUELA
- 12 **Yusuf, A. O.**, Iposu, S. O., Sanwo, K. A., Akinde, K. T., Owolabi, A. J., Omotosho, O. O., A, Adedayo, O. A. and Okwelum N. 2016. Influence of Moringaleaf meal (MOLM) supplementation on Growth performance, Haematological parameters and faecal egg count of West African dwarf sheep. *Nigerian Journal of Animal Science*, 43(2):492 – 506. Published by Animal Science Association of Nigeria. Nigeria. Available online at www.animalscienceassociation.org.ng/ / www.ajol.info. NIGERIA
- 13^F **Yusuf, A. O.**, V. Mlambo, O. S. Sowande and R. Solomon, 2017. Oxidative stress biomarkers in West African Dwarf goats reared under intensive and semi-intensive production system. *South African Journal of Animal Science*, 2017, 47 (3). 281-289. Published South African Society for Animal Science, South Africa. Available online at <https://www.ajol.info/index.php>. SOUTH AFRICA. Listed in [Scimago](#)
- 14^F **Yusuf, A.O.**, Mlambo, V. and Iposu, S. O. 2018. A nutritional and economic evaluation of *Moringa oleifera* leaf meal as a dietary supplement in West African dwarf goats. *South African Journal of Animal Science*, 48 (1) 81- 87. Published South African Society for Animal Science, South Africa. Available online at <https://www.ajol.info/index.php>. SOUTH AFRICA. Listed in [Scimago](#)
- 15^F **Yusuf, A. O.** Sowande, O. S., Aina, A.B.J., Sonibare, O. A. and Oni, O. A. 2018. Oxidative status of growing West African dwarf goat kids fed diets containing different nutrient density. *Comparative Clinical Pathology*, 27 (3)635- 642. Published by Springer, London, United Kingdom. Available online at <https://link.springer.com/article/10.1007/s00580-018-2640-6>. UNITED KINGDOM. Listed in [Scopus](#)

- 16^F Maraba, K.P., Mlambo, V., **Yusuf, A.O.**, Marume, U. and Hugo, A., 2018. Extra dietary vitamin E–selenium as a mitigation strategy against housing-induced stress in Dohne Merino lambs: Effect on growth performance, stress biomarkers, and meat quality. ***Small Ruminant Research***, 160: 31-37. Published by International Goat Association, USA. Available online at <https://www.sciencedirect.com/science/article/abs/pii/S0921448818300208>. USA. Listed in Scopus
- 17^F M. Yousef Elahi , **Yusuf, A. O.**, A. Torshabi, H. Fazaeli, M. R. Dehghani, A.Z.M. Salem 2019. Ensiling Pretreatment of Banana Waste By-Products: Influences on Chemical Composition and Environmental Rumen Biogas and Fermentation. ***Waste and Biomass Valorization***. 10: 3363–3371. Published by Springer, United Kingdom. Available online at <https://link.springer.com/article/10.1007/s12649-018-0312-z>. Netherlands. Listed in Scopus.
- 18 **Yusuf A. O.**, Ajayi T. O., Ajayi, O. S. and Yusuf, O. A. 2019. Nutritional manipulation in goats: Supplementation with high protein concentrate: Effect on performance and resilience of internal parasites. ***Nigerian Journal of Animal Production***, 46(2): 193-201. Published by The Nigerian Society for Animal Production, Nigeria. Available online at <http://nsap.org.ng/>. NIGERIA
- 19^F **Yusuf A. O.**, Raheem A. A., Sowande, O. S., Adebayo, K. O., Motsei, L.E. and Ayoola A. A. 2019. Growth performance and physiological status of intensively raised West African dwarf (WAD) goats supplemented with dietary antioxidants. ***Egyptian Journal of Veterinary Science***, 50(1) 65-74. Published by Academy of Scientific Research and Technology, National Information and Documentation Centre, Egypt. Available online at <https://ejvs.journals.ekb.eg>. EGYPT Listed in Scimago
- 20^F **Yusuf A. O.**, Egbinola O. O., Ekunseitan, D. A., and Salem A.Z.M. 2020. Chemical characterization and *in vitro* methane production of selected agroforestry plants as dry season feeding of ruminant's livestock. ***Agroforestry Systems***, 94: 1481-1489. Published by Springer in collaboration with World Agroforestry (ICRAF). USA. Available online at <https://doi.org/10.1007/s10457-019-00480-7>. USA. Listed in Scopus
- 21 Oni, A.O, Ogadu, B., **Yusuf, A. O.**, Adelusi, O., Sowande, O. S. and Onwuka, C. F. I, 2020. Feed additive effect of *Chromolaena odorata* on performance of West African dwarf bucks. 47(3):262 - 272 Published by Nigerian Journal of Animal Science, Nigeria. Available online at www.animalscienceassociation.org.ng/ / www.ajol.info. NIGERIA
- 22^F Ikyume, T. T. A. O. Oni, A. O. Yusuf, O. S. Sowande, and S. Adegbehin, 2020. Rumen Metabolites and Microbiome of Semi-intensively Managed West African Dwarf Goats Supplemented Concentrate Diet of Varying Levels of Sodium Humate. ***Egyptian Journal of Veterinary Science***, 51(2) 263-270. Published by Academy of Scientific Research and Technology, National Information and Documentation Centre, Egypt. Available online at <https://ejvs.journals.ekb.eg>, EGYPT. Listed in Scimago
- 23^F Ikyume, T.T., Sowande, O.S., **Yusuf, A.O.**, Oni, A.O., Dele, P.A. and Ibrahim, O.T., 2020. *In vitro* gas production, methane production and fermentation kinetics of concentrate diet containing incremental levels of sodium humate. *Agriculturae Conspectus Scientificus*, 85(2), 183-189. Published by University of Zagreb, Faculty of Agriculture. Zagreb, Croatia. Available online at <https://hrcak.srce.hr/file/345418>. CROATIA. Listed in Scopus

- 24 **Yusuf, A. O.**, Fakunle, A, Oni, A. O and Sowande, O. S 2021. Influence of different forms of copper supplementation on West African dwarf does fed malted sorghum sprout. *Trop. Anim. Prod. Invest.* 24 (1): 1 - 7. <http://tapi.animalsci.ui.edu.ng/index.php/journal>. Published by Dept of Animal Science, University of Ibadan, **Nigeria**.
- *25 Sowande, O. S., **A. O. Yusuf**, A. J. Owolabi, M. T. Ayankoso, T. O. Ajayi 2021. Climatic Vagary and COVID-19 Pandemic: Influence on Livestock Production and Household Performance in South-Western Nigeria. ***Nigerian Journal of Animal Production***, 46(2): 219-227. Published by The Nigerian Society for Animal Production, Nigeria. Available online at <http://nsap.org.ng/>. **NIGERIA**.
- *26^F Makola, M. D., L. E. Motsei, T. O. Ajayi, and **A. O. Yusuf**. "Dietary nano-dicalcium phosphate improves immune response and intestinal morphology of broiler chickens." *South African Journal of Animal Science* 51,3 (2021). Published South African Society for Animal Science, South Africa. Available online at <https://www.ajol.info/index.php>. **SOUTH AFRICA**. Listed in [Scimago](#)
- *27^F Oni, A., Ogburn, B. J., **Yusuf, A. O.**, Adelusi, O., Sowande, O. & Onwuka, C. F. (2021). In vitro Evaluation of Siam Weed (*Chromolaena odorata*) Additive as a Potential Rumen Modifier in West African Dwarf Bucks. *Agriculturae Conspectus Scientificus*, 86(2), 165-172. Published by University of Zagreb, Available online at <https://hrcak.srce.hr/file/345418>, Croatia. **Listed in Scopus**.
- *28^F **Azeez Olanrewaju Yusuf**, Ayobami John Owolabi, Kafayat Omowunmi Adebayo, Ayobami Bukola Joseph Aina, Olusiji Sunday Sowande, Taiwo Olufemi Ajayi 2021 Growth performance of goats fed diets containing varying levels of water hyacinth (*Eichhornia crassipes*) *Agricultura Tropica et Subtropica*, 54(1): [https://DOI: 10.2478/ats-2021-0024](https://DOI:10.2478/ats-2021-0024). Published by Faculty of Regional Development and International Studies, **Czech Republic**.
- *29^F Bontle Mokone, Lebogang Ezra Motsei, **Azeez Olanrewaju, Yusuf**, Chidozie Freedom Egbu and Taiwo Olufemi, Ajayi, 2022. Growth, physiological performance, and pork quality of weaner large white piglets to different inclusion levels of nano zinc oxide. *Tropical Animal Health and Production*. [http:// DOI: 10.1007/s11250-021-03024-3](http://DOI:10.1007/s11250-021-03024-3). Published by Springer Nature, Netherlands. **Listed in Scopus**
- *30^F **Yusuf, A. O.**, Adeyi, T. K., Sowande, O. S., Oni, A. O., & Olowookere, V. O. 2022. Nano zinc oxide supplementation improves growth performance and health of West African dwarf goats. *Egyptian Journal of Animal Production*, 59(2), 69-78. Published by **The Egyptian Society of Animal Production (ESAP) Egypt**.