**PASTURE AND RANGE MANAGEMENT DEPARTMENT ACADEMIC STAFF PROFILE**

**ACADEMIC STAFF**

1. **Dr. (Mrs.) O. J. IDOWU - Ag.HOD - Submitted**
2. **Prof. O.S. Onifade - Submitted**
3. **Prof. A.O. Jolaoso - Submitted**
4. **Prof. O.M. Arigbede - Not Submitted**
5. **Prof. J. A. Olanite - Not Submitted**
6. **Dr. (Mrs.) V.O.A. Ojo -Submitted**
7. **Dr. P.A. Dele -Submitted**
8. **Dr. (Mrs.) B.T. Akinyemi -Submitted**
9. **Dr. O.A. Okukenu -Submitted**
10. **Dr. S.A. Adeoye -Submitted**
11. **Dr. A.A. Amisu -Submitted**
12. **Mr. O.B. Ogunbote -Submitted**
13. **Dr. (Mrs.) O.J. IDOWU**
    * 1. **BIOGRAPHY OF DR. (MRS.) OLUWASEUN JANET IDOWU (NEE BOLAJI)**

Dr. (Mrs.) I**dowu** Oluwaseun Janet is a Senior Lecturer in the Department of Pasture and Range Management (PRM), College of Animal Science and Livestock Production (COLANIM), Federal University of Agriculture, Abeokuta (FUNAAB). She is a qualified teacher as she has a National Certificate of Education (Upper credit) from the Federal College of Education, Osiele, Abeokuta as she is an Associate Fellow, Higher Education Academy, United Kingdom. She had both her Undergraduate degree (First Class Honours) and Master’s Degree (Distinction) in the Department of Pasture and Range Management, University of Agriculture, Abeokuta, Nigeria in 2007 and 2011 respectively. She completed her Ph. D degree in 2019 at Newcastle University, United Kingdom. She is an expert in Ruminant Nutrition and Forage Science with a strong attraction for Forage Production and Utilization.

While joining the services of the Federal University of Agriculture, Abeokuta as a Junior Research Fellow in 2009; she rose through the ranks to become a Senior Lecturer on October 1, 2020. She is the current Acting Head of Department who with her appointment dated back to January 2022. She has served the University in various capacities, among which are, College Representative at the College of Environmental Resource Management Board (2021), Departmental Postgraduate Examination Officer (2020), Departmental Level Adviser for 100 and 200 level students in 2023 and 2020 respectively), and Deparmtental Undergraduate Exam officer (2010 – 2013). While on her Ph.D. programme at the Newcastle University, she was involved in many special assignments and community services such as a Turnitin Panel Member (2016) and Teaching Demonstrator (2014 – 2019) both at the School of Agriculture, Food and Rural Development, Newcastle University and as Student Helper at the Annual Meeting in Belfast (2016). She has been carrying out teaching and research activities. She has supervised and trained over 40 undergraduate and 5 postgraduate students with a goal of producing skilled, experienced, forward, and critical thinking, and inspired ruminant and forage scientists in readiness for the industry and for the future at large if given an opportunity.

To her credit, she won the Departmental Best Graduating Student (2007), TETFund scholarship for her PhD programme in Ruminant Nutrition at Newcastle University, United Kingdom (2013), and has received two TETfund IBR grant as a team leader and member respectively in the 2018- 2022 allocation.

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Her research interest includes forage production through establishment, improved feed utilization through conservation and supplementation; nutritional evaluation of plants with forage potential; modification and evaluation of rumen microbial fermentation, characteristics, and kinetics using feed additives (e.g. yeast, fungi, plant secondary metabolites -PSM), improved feed utilization through fungal (anaerobic and aerobic fungi) improvement of low-quality forages; methane reduction through the use of PSM and feed modification. She has over 30 journal publications and several Conference Proceedings. She has undertaken trainings in Gas Safety; Basic Health & Safety; Chemical Safety & COSHH; Introduction to Learning & Teaching in Higher Education, and Personal License category B, Animal (Scientific Procedures) Act, 1986 on Animal Handling (all in UK) and training on Fund/Grant Sourcing and Winning, Proposal writing and Project Management in Nigeria.

Dr. (Mrs.) Oluwaseun Janet IDOWU is a member of Anaerobic Fungi Network (AFN), Nigerian Society for Animal Production (NSAP), Animal Science Association of Nigeria (ASAN), Society for Grassland Research and Development in Nigeria, British Society of Animal Scientist (BSAS) and European Association for Animal Production (EAAP) and with a Personal License category B, Animal (Scientific Procedures) Act, 1986 United Kingdom.

She is a lover of music and dancing while she also enjoys adventure.She is happily married with blessed children

* + 1. **Passport-sized photograph**



**iii. Personal information**

* Name in Full: Idowu Oluwaseun Janet (Nee Bolaji)
* Age: 40 years
* Place of Birth: Ibadan
* Sex: Female
* Marital Status: Married
* Nationality: Nigerian
* Town and State of Origin: Ibadan, Oyo
* Contact Address: Room 3, Department of Pasture and Range Management,

COLANIM, FUNAAB, P.M.B. 2240, Abeokuta, Ogun State.

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| --- | --- |
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|  | Pasture and Range Management |
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| vi | **Phone number** |
|  | +234 8037529275 |
| vii | **Rank** |
|  | Senior Lecturer |
| viii | **Designation** |
|  | Senior Lecturer, Pasture and Range Management Department |
| ix | **Researchgate address** |
|  | <https://www.researchgate.net/profile/Oluwaseun-Bolaji> |
| x | **Linkedin address** |
|  | https://www.linkedin.com/in/oluwaseun-idowu-ph-d-8b81b35b/ |
| xi | **Google scholar profile** |
|  |  |
| xii | **ORCID Number** |
|  | ORCID iD: 0000-0001-9878-9123 |
| xiii | **Qualification** |
|  | Ph. D in Ruminant Nutrition and Forage Science |

xiv **Membership of Professional bodies**

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|  | Member, Anaerobic Fungi Network (AFN)  Member, British Society of Animal Science (BSAS, 920140326)  Member, European Federation of Animal Science (EAAP)  Member, Nigerian Institute of Animal Science  Member, Animal Science Association of Nigeria  Member, Society for Grassland Research and Development in Nigeria |

xv **Award received**

1. Year 2018-2022 Intervention in research Projects (RP): Batch B of Tertiary Education Trust Fund for Federal University of Agriculture, Abeokuta, Ogun State. For a project titled, “Investigation of growth and productive performance of goats fed microbial additives containing diets as alternative improved ruminants dry season feed*”***(Lead Researcher) 2021/2022**

2. Year 2018-2022 Inervention in research Projects (RP): Batch B of Tertiary Education Trust Fund for Federal University of Agriculture, Abeokuta, Ogun State. For a project titled, “Organic hydroponics cereals fodder production technology for sustainable dry season livestock production*”***(Research Team Member) 2021/2022**

3. FUNAAB/Tetfund Scholarship for Ph.D. programme in Newcastle University, UK. **2014 - 2019**

4.Junior Research Fellowship **2009 – 2011**

5.Post-Graduate Tuition Scholarship for First Class Students in the University **2009**

6.Senate Annual Prize for First Class Honour’s Graduating Student, PRM Dept. **2008**

xvi **Research conducted**

1. Different fungal treatment of selected dry season forages as possible improved dry season ruminant feed.
2. Nutritional evaluation of fungal biodegraded forages through bio-chemical analyses (i.e. chemical composition, secondary metabolites, antioxidant composition, rumen microbial determination using plating or staining techniques along with light or fluorescent microscope, and enzymatic activity), in vitro, in sacco and in vivo techniques.
3. Investigation of growth and productive performance of goats fed microbial additives containing diets as alternative improved ruminants dry season feed*.*
4. The use of anaerobic fungi (direct fed microbe) in altering the rumen microbial composition towards proper utilization of dry season grasses by ruminants**.**
5. Organic hydroponics cereals fodder production technology for sustainable dry season livestock production

xvii **Conferences attended**

1. 78th Annual Conference of the *British Society of Animal Science (BSAS),* held at the East 8th Midlands Conference Centre and Virtually, April, 12- 14, 2022a.

**Paper presented by : Idowu O.J.,** Adelusi O.O., Tanimowo R.O., Rafiu S.O., Babatunde T.A., Adeoye B.A., and Ojo V.O.A. (2022). Nutrient composition and *in vitro* degradability of fungal treated crop residues for their use in ruminant diets.

1. 78th Annual Conference of the *British Society of Animal Science (BSAS),* held at the East 8th Midlands Conference Centre and Virtually, April, 12- 14, 2022b.

**Paper presented by : Idowu O.J.,** Wusu, T.O., Oke, S.S., Fagbemi, O.E., Kehinde, E.I., Tanimowo, R.O. and Adelusi, O.O. (2022b). Nutrient composition and *in vitro* degradability of fungal degraded grasses for their use in ruminant diets.

1. 45th Annual *Conference of the Nigerian Society for Animal Production (NSAP),* held at Abubakar Tafawa Balewa University, Bauchi, Nigeria. March, 15 - 19, 2020.

**Paper presented by : Idowu O.J.,** Chaudhry, A.S., and Dolfing, J. (2020). Investigation of growth conditions on the laccase activity of *Pleurotus ostreatus* and *Ceriporiopsis rivulosus* during low quality forage upgrade as possible dry season feed..

1. 68th Annual Meeting of the European Federation of Animal Science (EAAP) held at Tallinn, Estonia, August 28 – September 1, 2017.

Paper presented by: **Bolaji, O. J.,** Chaudhry, A. S., and Dolfing, J. Fungal treatments effect on the chemical composition of matured forages for their use in ruminant diet.

1. The 67th Annual Meeting of the *European Federation of Animal Science (EAAP) held at Belfast, United Kingdom, August 29 – September 2, 2016*.

Paper read presented by: **Bolaji, O. J**., Chaudhry, A. S., and Dolfing, J. *In vitro* degradability of selected Nigerian forages for theiruse in ruminant diets.

1. Annual Conference of British Society of Animal Science (BSAS), Science with Impact held in Chester, United Kingdom, April 14 – 15, 2015.

Paper presented by: **Bolaji, O. J**., Chaudhry, A. S., and Dolfing, J. Chemical evaluation of selected Nigerian matured forages for their use in ruminant diets.

1. Annual Conference of British Society of Animal Science (BSAS), Science with Impact held in Chester, United Kingdom, April 14 – 15, 2015.

Paper presented by: Adelusi, O. O., Onwuka, C. F. I., **Idowu, O. J.,** Aderinboye, R. Y., and Ojo, V. O. A. *In vitro* gas production and methane reduction in *Panicum maximum* incubated with palm kernel oil.

1. 68th Annual Conference of the Nigerian Society for Animal Production (NSAP), held at University of Port – Harcourt, March 17-20, 2013.

Paper presented by: **Idowu** **O. J.**, Arigbede, O. M., Olanite, J. A., Ojo, V. O. A., Adeoye, S. A. Effect of Plant spacing and Organic Manure on growth performance of *T. africana* Var. Decne seedlings.

1. 36th *Annual Conference of Nigerian Society of Animal Production (NSAP),* held at University of Abuja, March 13 -16, 2011.

Paper presented by: Arigbede O. M., **Bolaji, O. J**., Dele, P. A., Ojo, V. O. A., Olanite, P. O., Jejeniwa. Nutrients intake and digestibility of West African Dwarf Rams fed with graded levels of molasses and *Enterolobium cyclocarpum* seeds based concentrate diets as supplement to *Panicum maximum.*

1. 15th Annual *Conference of Animal Science Association of Nigeria (ASAN)*, held at University of Uyo, September, 13 – 16, 2010.

Paper presented by: **Bolaji** **O. J.,** Arigbede, O. M., Aniwe, P. A., Sunmola, A. S., Olanite, J. A. Nutrients intake and digestibility of West African Dwarf sheep fed with concentrate diets containing graded levels of toasted *Enterolobium cyclocarpum* seeds as supplement to *Panicum maximum*.

1. 35th *Annual Conference of Nigerian Society for Animal Production (NSAP),* held at University of Ibadan, 14 - 17th March 14 – 17, 2010.

Paper presented by: Arigbede O. M., **Bolaji, O. J**., Olanite, J. A., Jolaosho, A. O., and Sanusi, I. M.Nutrient intake and Performance of WAD sheep supplemented with graded levels of *Anchomanes difformis* (Wild yam) and *Pennisetum purpureum*.

xviii **Publications**

1. **Articles in Learned Journals**
2. Anele U. Y., Südekum, K.-H., Arigbede, O. M., Lüttgenau, H., Oni, A. O., **Bolaji, O. J.,** and Galyean, M. L. (2012). Chemical composition, rumen degradability and crude protein fractionation of some commercial and improved cowpea *(Vigna unguiculata L. Walp)* haulm varieties. ***Grass and Forage Science****.* **67 (2)**: 210-218. Doi:10.1111/j.1365-2494.2011.00835x. Published by Blackwell, UK. **(Indexed in Scopus).**
3. Ojo V. O. A., Aina, A. B. J., Olanite, J. A., Amole, T. A., Anele, U. Y., Dele, P. A., Adeoye, S. A., and **Idowu, O. J.** (2012). Evaluation of the agronomic performance and nutritive values of *Tephrosia bracteolata guill. and perr*. and *Gmelina arborea* roxb prunnings at different stages of growth. ***Journal of Agricultural Science and Environment*** (Formerly ASSET). **12 (2):** 15-25. Published by Federal University of Agriculture, Abeokuta. Nigeria.
4. **Idowu O. J**., Arigbede, O. M., Dele, P. A., Olanite, J. A., Adelusi, O. O., Ojo, V. O. A., and Sunmola, A. S. (2013). Nutrients intake, Performance and Nitrogen balance of West African Dwarf sheep fed graded levels of toasted *Enterolobium cyclocarpum* seeds as supplement to Panicum maximum. ***Pakistan Journal of Biological Sciences****.* **16 (23)**: 1806-1810. Published by Asian Network of Biological Sciences. DOI:10.3923/pjbs.2013. **(Indexed in SCimago).**
5. Ojo V. O. A., Dele, P. A., Amole, T. A., Anele, U. Y., Adeoye, S. A., Hassan, O. A., Olanite, J. A., and **Idowu, O. J. (**2013). Effect of Intercropping *Panicum maximum* Var. Ntchisi and *Lablab purpureus* on the Growth, Herbage Yield and Chemical composition of *Panicum maximum* Var. Ntchisi at Different Harvesting Times. ***Pakistan Journal of Biological Sciences***. **16 (22)**: 1605-1608. Asian Network for Scientific Information, Pakistan. Published by Asian Network of Biological Sciences. DOI:10.3923/pjbs.2013. **(Indexed in SCimago)**
6. **Idowu, O. J.,** Arigbede, O. M., Olanite, J. A., Adedire, M. O., Adeoye, S. A., and Adelusi, O. O. (2013). Effect of storage methods on germination, growth and proximate composition of *Treculia africana* Var. decne seedlings. ***Journal of Agriculture and Biodiversity Research***. **2(6)**: 117-123. ISSN 2277-0836. Available online at [www.onlineresearchjournals.org/JABR](http://www.onlineresearchjournals.org/JABR).
7. Amole, T.A., Oduguwa, B. O., Jolaosho, A. O., Onifade, O. S., Arigbede, O. M., Olanite, J. A., Ojo, V.O.A., Dele, P.A., Aderinboye, R. Y., **Idowu, O. J.,** and Akinyemi, B. (2013). Effects of sole maize and maize-lablab silage on the ruminal volatile fatty acids (VFAS) grazing calves in the dry season. ***Nigerian Journal of Animal Production***. **40**: 133-142. Published by Nigeria Society for Animal Production. Available online at <http://www.ajol.info/index.php/njap>.
8. Amole, T. A., Oduguwa, B. O., Shittu, O., Famakinde, A., Okwelum, N., Ojo, V. O. A., Dele, P. A., **Idowu, O. J.,** Ogunlolu, B., Adebiyi, A. O. (2013). Herbage Yield and quality of *Lablab purpureus* during the late dry season in Western Nigeria. ***Slovak Journal of Animal Science****,* **46 (1)**: 22-30. ISSN 1337-9984. Published by National Agricultural and Food Centre - Research Institute for Animal Production (RIAP) Nitra, Slovak Republic.
9. **Idowu, O. J.,** Arigbede, O. M., Olanite, J. A., Adedire, M. O., Adeoye, S. A., Adelusi, O. O., Amole, T. A., and Ojo, V. O. A. (2014). Effect of organic manure on growth and proximate composition of Treculia africana Var. decne seedlings. ***Nigerian Journal of Animal Production***. **41**: 197-204. Published by Nigeria Society for Animal Production. Available online at <http://www.ajol.info/index.php/njap>.
10. Ojo, V. O. A., Aina, A. B. J., Fasae, O. A., Oni, A. O., Aderinboye, R. Y., Dele, P. A., **Idowu, O. J.,** Adelusi, O. O., Shittu, O. O., Okeniyi, F. A., and Jolaosho, A. O. (2014). Effects of supplementing *Leucaena leucocephala* and conserved forages from natural pasture on the performance of grazing calves. ***Tropical Animal Health and Production***. **46 (1)**: 197-202. Published by Springer UK. **(Indexed in Scopus)**
11. Amole, T. A., Ojo, V. O. A., Dele, P. A., **Idowu, O. J.,** Adeoye, S. A. (2014). Influence of undersowing annual forage legumes in early maturing maize on its Grain yield and Quality of their forage mixtures, ***African Journal of Range and Forage Science***, **31 (1)**: 59-64 ISSN 1022-0119, EISSN 1727-9380.Published by Taylor & Francis, South Africa. **(Indexed in SCimago)**
12. Adelusi, O. O., Isah, O. A., Onwuka, C. F. I., Afolabi, R. O., Aderinboye, R. Y., and **Idowu, O. J.** (2016). Effect of tree leaves on rumen fermentation, microbial count and blood urea nitrogen of West African Dwarf goats. ***Malaysian Journal of Animal Science***, **19 (2)**: 19-30. Published by Malaysian Society of Animal Production, Malaysia.
13. Ewetola, I. A., Olanite, J. A., Oni, O. A., Dele, P. A., Ojo, V. O. A., Olasupo, I. O., **Idowu, O. J.,** Jimoh, S.O., and Adekeye, A.B. (2016). Effect of organic manures sourced from different animal wastes on re-growth potential of *Panicum maximum* and *Brachiaria decumbens* in South Western Nigeria. ***International Journal of Organic Agriculture Research and Development***, 12: 47-63. Published by Organic Agriculture Practitioners of Nigeria.
14. Ojo, V. O. A., Akinade, G. A., Adetokunbo, G. A., Lamidi, A. A., Jolaosho, A. O., Aderinboye, R. Y., Amole, T. A., Akinbode, R. M., Okukenu, O. A. and **Idowu, O. J.** (2017). Silage quality of *Pennisetum purpureum* grass mixed with processed *Enterolobium cyclocarpum* seeds at varying proportions as affected by ensiling periods. **Tropical Agriculture (Trinidad),** 94 (4): 362 – 371.Published by Faculty of Food and Agriculture, University of the West Indices, Trinidad and Tobago**. (Indexed in Scopus)**
15. **Idowu, O.J.**, Chaudhry, A.S., Dolfing, J. and Ojo, V.O.A. (2019). Influence of dry season on nutrients composition, secondary metabolites composition and antioxidant capacities of some tropical grasses. ***Journal of Animal Production Research***, 31 (2): 158 – 171. Published by National Animal Production Research, Institute, Zaria, Nigeria**.** <http://journal.napri.gov.ng>
16. Ojo, V.O.A., Adeyemi, T.A., Oyaniran, D.K., Adeoye, G.A., Yinusa, M.D., **Idowu, O.J.** and Onifade, O.S. (2019). Effects of tree legume seeds on silage quality of Panicum maximum at two stages of maturity. ***Journal of Animal Production Research***, 31 (2): 148-157. Published by National Animal Production Research, Institute, Zaria, Nigeria**.** <http://journal.napri.gov.ng>.
17. Adelusi O.O., Oni, A.O., **Idowu, O.J.,** Yusuf, A.O., and Ojo, V.O.A. (2019): Rumen fermentation and microbial characteristics of grazing cattle administered coconut oil. ***Journal of Animal Production Research***, 31 (2): 121-128. Published by National Animal Production Research, Institute, Zaria, Nigeria. <http://journal.napri.gov.ng>.
18. **Idowu, O.J.,** Chaudhry, A.S., Dolfing, J, and Ojo, V.O.A. (2020). Influence of soluble content losses on the ability of aerobic fungi to improve the nutritional content of pre-treated forages. ***Nigerian Journal of Animal Production,*** 47 (3): 298-308. Published by Nigeria Society for Animal Production. https://doi.org/10.51791/njap.v47i3.168
19. **Idowu, O. J.,** Chaudhry, A. S., Dolfing, J, and Ojo, V. O. A. (2020). Influence of anaerobic rumen fungal inoculation on the fermentation and nutritive content of selected forage silages. ***Nigerian Journal of Animal Production***, 47 (1): 278 - 289. Published by Nigeria Society for Animal Production.
20. Adelusi, O.O., **Idowu, O. J**., Adebayo, K.O., Balogun, M.T. and Oni, A.O. (2022). In vitro degradability of diets containing varying levels of *Gliricidia sepium* and cassava leaf meal. ***Livestock Research for Rural Development,*** 34 (7). <http://www.lrrd.org/lrrd34/7/3464ades.html> **(Indexed in Scopus and SCimago).**
21. Ojo, V. O. A., Adelusi, O. O., **Idowu, O. J.**, Adeoye, S. A., Tanimowo, R. O., Oyaniran, D. K. and Adeyemi., T. A. 2022. Effects of anti-nutritional contents of legume on pellets quality, intake and rumen microbial community of rams fed *Megathyrsus maximus.* ***Applied Tropical Agriculture***, 27 (2): 1–7. Published by the School Of Agriculture and Agricultural Technology, Federal University of Technology, Akure.
22. **Idowu O.J.,** Chaudhry, A.S., Dolfing, J. and Ojo, V.O.A. (2022). Effect of fungal treatments of some selected fibrous forages on chemical composition, in vitro gas and methane production. ***Applied Tropical Agriculture***, 27 (2): 8-14. Published by the School Of Agriculture and Agricultural Technology, Federal University of Technology, Akure.
23. Ojo V. O. A**.,** Oyaniran, D. K., Adeyemi, T. A., **Idowu, O. J.,** David O. T. and Oluseesi, G. A. (2022). Nutritive value and blood profiles of rams to silage mixtures of *Megathyrsus maximus* with *Albizia saman* parts. ***Applied Tropical Agriculture***, 27 (2): 29-36. Published by the School Of Agriculture and Agricultural Technology, Federal University of Technology, Akure.
24. **Idowu, O.J.,** Wusu, T.O., Oke, S.S., Fabemi, O.E., Kehinde, E.I., Ojo, V.O.A., Adelusi, O.O and Tanimowo, R.O. (2022). Nutrient composition, in vitro gas and methane production of Pleurotus species degraded grasses for their use in ruminant diets. ***Journal of Animal Production Research***, 34 (1&2): 00-00. Published by National Animal Production Research Institute.
25. Ojo, V. O. A., Kolawole, A., Adeyemi, T. A., **Idowu O. J.,** Adeoye, S. A., Oyaniran, D. K., Adegoke, T. A. and Dada, F.I. 2023. Response of *Megathyrsus maximus* to organic fertilizer application rate and age at harvest in the humid zone of Nigeria. ***Asian Journal of Crop Science,*** 15 (2): 43 - 49. **(Indexed in SCimago).**
26. Ojo V. O. A.,Adelusi, O. O., **FIdowu, O. J.**, Shittu O. O., Okeniyi, F. A., Ogundapo, B. M. Dada, F. I. and Oso A. O. 2023. Effect of increasing levels of *Leucaena leucocephala* seeds to grass pellets on performance of grower rabbits. ***Tropical Animal Health and Production***, 55: 221. <https://doi.org/10.1007/s11250-023-03630-3> **(Indexed in Scopus).**
27. **Idowu, O.J.,** Chaudhry, A.S., Ojo, V.O.A., Adelusi, O.O., Akinyemi, S.B., Agboola, F.O., Ogunsiji, R.T., Aderibigbe, M.A., Aina, O.T., Fabiyi, T.L. and Tanimowo, R.A. (2023). Blood profile of West African Dwarf growing bucks fed *Pleurotus ostreatus* –treated *Megathyrsus maximus and Brachairia decumbens – cassava peel- based diets.* ***Nigeria Journal of Animal Science***. Published by Animal Science Association of Nigeria. (Letter of Acceptance dated June 15, 2023).
28. **Idowu, O.J.,** Rafiu, S. O., Babatunde, T. A., Adeoye, B. A., Ojo, V. O. A., Adelusi, O. O., Tanimowo, R. O., Akinyemi, B. T., and Adigun, O.J. (2023). Nutrient composition, in vitro gas and methane production of Pleurotus species treated crop residues for their use in ruminant diets. ***Journal of Agriculture and Agricultural Technology****.* Published by Federal University Dutsin-ma. (Letter of Acceptance dated June 27, 2023).

**B. REFEREED CONFERENCE PROCEEDING**

1. Arigbede, O. M., Anele, U. Y., Südekum, K. H., Olanite, J. A., Oni, A. O., Dele, P. A., and **Bolaji, O. J. (**2010). Effects of different manure sources and urea on chemical composition of three tropical pasture grasses*.* Proceedings, 89th Annual Conference of **American Society of Animal Science**, 11th – 15th July, 2010. Denver Colorado, USA.
2. Arigbede Moses, Anele Young, Sudekum Karl- Heinz, **Bolaji Oluwaseun J.,** Oni Adebayo, Peter Dele, Iyabo Sanusi, (2010). Chemical composition of different parts of Wildyam (*Anchomanes difformis*) and the nutritive potentials of its tuber for inclusion in small ruminant diets. International Research on Food Security, Natural Resource Material and Rural Development World Food System-a contribution from Europe Book of Abstracts **Tropentag**, September 14-16, 2010 in ETH Zurich, Switzerland.446p.
3. Arigbede O. M., **Bolaji, O. J.,** Olanite, J. A., Jolaosho, A. O., and Sanusi, I. M. (2010). Nutrient intake and Performance of WAD sheep supplemented with graded levels of *Anchomanes difformis* (Wild yam) and *Pennisetum purpureum*. An Appraisal ***Proceedings 35th Annual Conference of Nigeria Society for Animal Production* (NSAP)**, O. J. Babayemi, Abu, O. A. and Ewuola, E. O. (Eds.) 485-487.
4. **Bolaji** **O. J.,** Arigbede, O. M., Aniwe, P. A., Sunmola, A. S., Olanite, J. A. (2010). Nutrients intake and digestibility of West African Dwarf sheep fed with concentrate diets containing graded levels of toasted *Enterolobium cyclocarpum* seeds as supplement to *Panicum maximum*. An Appraisal ***Proceeding 15th Annual Conference of Animal Science Association of Nigeria* (ASAN)**, O. J. Ifut, Inyang, U. A., Akpan, I. P., and Ebeso, I. E. (Eds.) 617-619.
5. Arigbede O. M., **Bolaji, O. J.,** Dele, P. A., Ojo, V. O. A., Olanite, P. O., Jejeniwa. (2011). Nutrients intake and digestibility of West African Dwarf Rams fed with graded levels of molasses and *Enterolobium cyclocarpum* seeds based concentrate diets as supplement to *Panicum maximum.* An Appraisal ***Proceedings 36th Annual Conference of Nigeria Society for Animal Production* (NSAP)**, I. A. Adeniji, Olatunji, E. A. and Gana, E. S. (Eds.) 519-522.
6. **Idowu** **O. J.**, Arigbede, O. M., Olanite, J. A., Ojo, V. O. A., and Adeoye, S. A. (2013). Effect of Plant spacing and Organic Manure on growth performance of *T. africana* Var. Decne seedlings. An Appraisal ***Proceedings 38th Annual Conference of Nigeria Society for Animal Production* (NSAP)**, B. M. Oruwari, Alawa, J. P., Oji, U. I., Owen, O.J. and George, O. S. (Eds.) 436-439.
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1. **PROF O.S. ONIFADE**

Brief Biography of Prof. O. S. Onifade

Prof. Olufemi Sunday Onifade was born sixty eight years ago. He grew up in Offa, Kwara state as a child up to 1965 and went to Minna, in Niger state to complete the Primary school education. He proceeded to Baptist High School, Jos for the secondary education up to 1972. Femi attended Ahmadu Bello University (ABU) Zaria for the pre degree and degree programmes in B.Sc. (Agric.). He obtained both the M. Sc. and Ph.D degrees in Animal Science from the same institution.

Prof. Onifade commenced his career in Forage Agronomy and Utilization at the National Animal Production Research Institute (NAPRI), ABU, Shika, Zaria in 1978 after the Youth Service Scheme. While in Zaria he was involved in teaching, research and extension activities within and outside the University. He coordinated many research projects and served in different capacities in the institute / University. Prof. Onifade collaborated with international bodies / organizations such as GTZ, IITA, ILCA/ILRI, African Feed Resource Network (AFRNET), and national agencies: Federal Ministry of Agriculture and Natural Resources (FMARD), states Ministries of Agriculture, among others on different research/ extension projects. In addition, he taught courses and supervised post graduate students of the Department of Animal Science, Faculty of Agric. ABU, Zaria.

In July, 2000, Prof. Onifade transferred his services to the Federal University of Agriculture, Abeokuta and was promoted to the rank of Professor in 2005. He served as Ag. Head of Department, Pasture and Range Management, Deputy Dean, College of Animal Science and Livestock Production (COLANIM), Dean, Student Affairs, Director, Centre for Entrepreneurial studies and as member of some committees in the University. Prof. Onifade has supervised 142 undergraduate projects, 26 M. Agric. dissertations and 9 Ph. D. theses in areas of forage production, conservation, utilization and ruminant nutrition. He has authored and co-authored 52 journal articles and 25 conference proceedings. Prof. Onifade presented his inaugural lecture on April 26, 2017.

Prof. Onifade was the President of the Society for Grassland Research and Development in Nigeria (SOGREDEN) from 2010 to 2017. He represented the Range and Pasture Discipline in the Council of the Nigerian Institute of Animal Scientists (**NIAS**). He is married to Prof. Comfort Onifade and they are blessed with children and grandchildren. Apart from scientific endeavours, Prof. Onifade enjoys travelling and as a lover of gospel songs he still ministers as a chorister in the church.

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Qualification: Ph.D Animal Science

Membership of Professional bodies:

1. Nigerian Institute of Animal Science (NIAS/RAS/00625)
2. Nigerian Society for Animal Production
3. Animal Science Association of Nigeria
4. International Grassland Congress
5. International Rangeland Congress
6. Society for Grassland Research and Development in Nigeria

Research conducted:

1. Growth and production of three grasses under three multipurpose trees
2. Legume based pellets as dry season feed resources for ruminant animals.
3. Mitigating the impact of pastoral/nomadic grazing on the natural ecosystem and rural livelihoods in Yewa division of Ogun State.
4. Development of novel technologies for utilization of toasted *Enterolobium cyclocarpum* foliage and seeds for dry season feeding of ruminant animals.
5. Evaluation of forage crops for silage production.
6. Evaluation of types of green manure for forage production.
7. Agronomic evaluation of  *Andropogon tectorum* inthe natural pastures.

Conferences attended:

International Grassland Congress

International Rangeland Congress

Joint Animal science association of Nigeria (ASAN) and Nigerian Institute for Animal Science (NIAS) conferences

Nigerian Society for Animal Production (NSAP)

Publications:

**Articles in learned Journals**

1. **Onifade, O.S**. and Akinola, J.O. (1986). Effect of seeding ratio and sowing method on the production of Rhodes grass/stylo swards in the Northern Guinea Savanna of Nigeria. *J. Anim. Prod. Res*. 6: 29-37.
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***Refereed Conference Proceedings***

1. **Onifade, O.S**. and Agishi, E.C. (1990). A review of forage production and utilization in Nigeria Savanna. Proceedings of the 4th PANESA/ARNAB Workshop on "Utilization of Research Results on Forage and Agricultural by-products in Africa" Eds. Dzowela, B.H; Said A.N; Asrat, Wendem - Agenehu and Kategile, J.A.Dec. 1988, at Lilongwe, **Malawi.** pp 114-125.
2. **Onifade, O.S.**; Adu, I.F. and Akinola, J.O. (1992). Performance and management of sheep on Rhodes grass-Stylo pasture in Nigeria. In: The complimentarity of feed resources for animal production in Africa. (Eds) John Stares, Said A.N. and Kategile J.A. Proc. of the joint feed resources network workshop held in Gaborone,  **Botswana**  4-8 March, 1991. Africa Feed Resources Network (AFRNET) ILCA, Addis Ababa Ethiopia. pp. 85-93.
3. **Onifade, O.S**., Adu, I.F. and Akinola, J.O. (1992). An evaluation of stylo as a ley legume in the subhumid zone of Nigeria. Proceedings of the workshop on *Stylosanthes* held in Kaduna, Nigeria Oct., 1992. Leeuw, P.N. de. *et al(* Eds) ILCA, Addis Ababa, **Ethiopia.** p. 175-180.
4. **Onifade, O.S**., Adu, I.F. and Akinola, J.O. (1993). The effect of stocking rate on Rhodes grass - stylo pasture in the Northern Guinea Savanna zone of Nigeria I. Herbage Yield. Proc. XVII International Grassland Congress, **New -Zealand/Australia**, 8-21 Feb. 1993. p. 863-864.
5. Osinowo, O.A., Abubakar, B.Y., Olayemi, M.E., Balogun, R.O. **Onifade, O.S.**, Adewuyi, A.A., Trimnell, A.R. and Dennar, F.O. (1994). Preweaning performance of Yankasa sheepunder semi-intensive management. In: Small Ruminant Research and Development in Africa. Proc. of the 2nd Biennial Conf. Of Africa Small Ruminant Research Network, Arusha, **Tanzania** 7-11 Dec., 1992. ILCA/CTA.
6. **Onifade, O.S**. and Kera, B.S. (1995). Forage Conservation. In: Advance animal husbandry practices for Subject matter specialists in the Agric. Dev. Proj. (ADP) Eds. P.O.Okaiyeto *et al.* FACU-NAPRI. p 11-16.
7. Omokanye, A.T., **Onifade, O.S.** and Tanko, R.J. (1996). Groundnut production in Shika . In: P.E. Olorunju, B.R. Ntare, O.A. Babalola and O. Alabi (eds). Proceedings of a Workshop on Nationally Coordinated Groundnut Research Project. IAR/ICRISAT 25-29 Sept, 1995, Zaria, Nigeria pp. 9-12.
8. Tanko, R.J., Tarawali, S.A. **Onifade, O.S.** and Muhammad I.R. (1999) Pasture and forage seed production in Nigeria. In: L. Grass & M. Turner (eds) Proc. of the Pasture and Forage Seed Production Workshop, Addis Ababa, **Ethiopia**. 27-31 October 1997. pp 133-142.
9. Malau-Aduli, A.E. O.,R. J. Tanko, P. P. Barje, I. R. Muhammed, J. T. Amodu, H. J. Makun, **O. S. Onifade**, O. W. Ehoche, J. O. Gefu, D. Y. Goska, S. Mohammed, A. Mohammed, M. A. Babuga, A. Adediran, K. Agyemang and A. Larbi. (2000) On-farm improvement of milk yield in Bunaji cattle through legume supplementation. Book of proceedings, 25th Annual NSAP Conference, 19-23, March, 2000, Umudike.
10. Adeoye K. B. and **Onifade O.S**. (2000) Cover crops adoption and forage seed production in Nigeria: report for the subhumid zone. In: Casky R. J. *et al*. (eds). Cover crops for natural resources in West Africa. IITA, **Cotonou, Rep. of Benin** . 26-28 Oct., 1999. p 280-289.
11. Arigbede, O. M., Sunmonu, J. A., Olanite, J. A., Jolaosho, A. O. and **Onifade**, **O. S**. (2001). Chemical composition, Feed Intake and Nutrient Digestibility of Three Pasture Grasses Fed to West African Dwarf Goats. In: Proceedings of the 26th Annual Conference of the Nigerian Society for Animal Production: 18th- 22nd March, 2001, Arewa House, Kaduna and Ahmadu Bello University, Zaria. Edited by A. E. O. Malau-Aduli and I . A. Adeyinka. Shika-Zaria : NSAP, Vol. 26: 339-341.
12. Jolaosho, A. O., Ladokun, A. L., **Onifade**, **O. S.**, Arigbede, O. M., Olanite, J. A. and Oduguwa, B. O. (2001). Evaluation of Low Cost Silage Making Methods. Proceedings of the 26th Annual Conference of the Nigerian Society for Animal Production: 18th-22nd May, 2001, Arewa House, Kaduna and Ahmadu Bello University, Zaria. Edited by A. E. O. Malau-Aduli and I. A. Adeyinka. Shika-Zaria: NSAP,Vol. 26: 342-244.
13. Olanite, J A., O. M. Arigbede, **O. S. Onifade**, A. O. Jolaosho and J. A. Oyenekan. (2002) Agronomic performance of *Panicum/Chamaecrista* mixtures as affected by grass spacing and legume sowing method in South-Western Nigeria. Proc. 27th Ann. Conf., NSAP, FUT, Akure, March 17-21, 2002: 223-226.
14. Arigbede, O. M., Olanite, J. A.; Alaba O. Jolaosho,  **Onifade,O.S.** and Magret, O. Egbetayo. (2002). Dry matter and protein degradabilities by WAD goats of some feed ingredients sold in Abeokuta, South West, Nigeria. In: A. O. Fanimo and J A Olanite (eds). Proc. 7th Annual Conf. of ASAN. Abeokuta. Sept. 16-19, 2002. p 180-183.
15. Jolaosho, A.O., **Onifade, O. S.** Arigbede, O. M.,Olanite, J. A.; and Akinola T.O.(2005). Number and viability of seeds recovered from faeces of ruminant animals. Offered paper at XX. Int. Grassland. Congress in **Ireland and UK**. 26 June - July 1, 2005.Grasslands- a global resource. p 624.
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17. **Onifade, O S**, Amole, T A , Jolaosho, A O, Arigbede, O M, Olanite, J A, Anele, U Y and Oyeladun, A. M. (2008). Effects of sowing methods and seeding rates on chemical composition of *Tephrosia bracteolata*. Offered paper at the joint XXI Int. Grassl Cong. And VIII Int. Rangeland Cong. Held in **Hohhot, P R China**. 29 June - July 5, 2008. Multifunctional Grasslands in a Changing World.
18. Jolaosho A O, Oduguwa,B O., Arigbede, O M., Olanite, J A., **Onifade O S.**, Anele, U Y and Amole, T. A. (2008). Effects of ingestion by cattle on degradability of seeds of three browse plants. Offered paper at the joint XXI. Int. Grassl Cong. And VIII Int. Rangeland Cong. Held in  **Hohhot, P R China.** 29 June - July 5, 2008. Multifunctional Grasslands in a Changing World. p 552.
19. Olanite, J A, Jolaosho, A O, Arigbede O M., **Onifade O S** and Anele, U Y.(2008) Persistence of *Chamaecrista rotundifolia* (Wynn) in *Panicum maximum* (Ntchisi) under varying spacing and legume planting methods. Offered paper at the joint XXI Int. Grassl Cong. And VIII Int. Rangeland Cong. Held in **Hohhot, P R China.** 29 June - July 5, 2008. Multifunctional Grasslands in a Changing World. p729.
20. **Onifade, O S** *et al*. (2011). Response of guinea grass to animal manure. Offered paper at the joint IX. Int. Rangeland Cong. Held in **Rosario. Argentina**. 2nd to 8th April,2011. Diverse Rangeland for a Sustainable Society. P329.
21. Amole, T A, **Onifade, O S** *et al*. (2011 ).Herbage yield in intercropping forage legumes with cereals system. Offered paper at the joint IX Int.Rangeland Cong. Held **in Rosario. Argentina**. 2nd to 8th April,2011. Diverse Rangeland for a Sustainable Society. P448.
22. Ojo, VO A, Jolaosho A O , **Onifade O S** *et al*. (2011 ).Evaluation of forage productivity from different topography and land use in western Nigeria.. Offered paper at the joint IX Int. Rangeland Cong. Held in **Rosario. Argentina**. 2nd to 8th April,2011. Diverse Rangeland for a Sustainable Society. P440.
23. Jolaosho, A O , Olanite J A , **Onifade, O S** *et al*. (2011 ). Effects of storage conditions and scarification methods on seed germination. Offered paper at the joint IX Int. Rangeland Cong. Held in **Rosario. Argentina**. 2nd to 8th April,2011. Diverse Rangeland for a Sustainable Society. P503.
24. Ojo, V.O.A., Bakare, B, Adelusi, A. and Onifade,O.S. (2017). Effects of cassava peel mash on chemical composition, nutrient intake and rumen fermentation parameters of West African Dwaft rams supplemented with dried *Ficus thonningii* foliage. A paper presented at the Cassava Expo in Lagos.
25. **Onifade, O. S**. (2019). Emerging issues in ranching, pastoralism, and pasture production in a diversifying economy. A Plenary paper presented at the 44th Annual Conference of Nigerian Society for Animal Production (NSAP) held in UNIABUJA, Abuja, March, 2019.

**BOOK / CHAPTER IN BOOK**

1. Anele, U. Y., Jolaosho, A O., Arigbede, O M., Olanite, J A and **Onifade, O S** (2011). Effects of air drying and plant types on quality of grass /legume silage. In : Animal Feed: Types, Nutrition and Safety. Ed. Sarah R Borgearo. pp 207 - 218. Nova Science Publishers Inc. New York, USA.

**PATENT**

1. Forage species (5) released for National Centre for Genetic Resources Agricultural Biotechnology (NACGRAB). 2000.

**TECHNICAL REPORT**

1. Momale, S., Aminu, A. and Onifade, O. (2018). *Study to Support and Inform the Development, Review and Implementation of Controlled Grazing Policy in Nigeria*. Abuja: Synergos Nigeria.

3. **Prof. (Mrs.) A. O. JOLAOSHO**

1. Brief Biography – Alaba JOLAOSHO (Nee LAWAL) is a professor of Forage Production, Conservation and Utilization from the Federal University of Agriculture, Abeokuta (FUNAAB), Ogun State Nigeria. She is the current Director of Institute of Food Security, Environmental Resources and Agricultural Research (IFSERAR), the past director of the Students Industrial Work Experience Scheme (SIWES) in FUNAAB. Former Coordinator of the Department Of Pasture and Range Management, (PRM) and Acting Head of Department.

She is a product of the Agronomy Department, University of Ibadan and postdoctoral Research Fellow at the Leeds University, United Kingdom

1. Passport sized photograph 

Personal information:

Name in full: JOLAOSHO, Alaba Olufunmilayo (Nee Lawal)

Date of Birth: 29th July 1965

Place of Birth: Ikeja, Lagos

Age: 58 Years

Sex: Female

Marital Status: Married

Nationality: Nigerian

Town and State of Origin: Imodi, Ogun State

Contact Address: Department of Pasture and Range Management, College of Animal Science and Livestock Production, University of Agriculture, Abeokuta

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5. Designation: Director, IFSERAR
6. Research gate address: jolaoshoao@funaab.edu.ng
7. Linkedln address: Alabajolaosho
8. Google Scholar Profile: 
9. ORCID Number: 0000-0001-9246-6307

Qualification: **EDUCATIONAL BACKGROUND WITH DATES:**

I. Educational Institutions attended with dates

1. University of Ibadan, Ibadan, Oyo state (1991 – 2000)
2. University of Ibadan, Ibadan, Oyo state (1988 – 1989)
3. University of Ibadan, Ibadan, Oyo state (1982–1987)
4. The Apostolic Church Grammar School, Orishigun, Ketu, Lagos State (1977–1982)

II. Academic and Professional Qualifications with dates

(a). **Academic**

a. Ph.D. University of Ibadan, 2000

1. M.Sc. University of Ibadan, 1989
2. B.Sc. 2nd Class Upper division; University of Ibadan, 1987
3. WASC 1982

(b). **Certificates Acquired and Workshops**

1. Problem-Oriented Agricultural Research Methodologies Workshop organized by College of Animal Science and Livestock Production, University of Agriculture, Abeokuta, Nigeria, May – June, 1995.
2. Diploma in computer (word processing), Fumot Computer Centre, August 1995.
3. Certificate of attendance: Workshop on Fermentation Technology, FADIB, July 7th - 8th 1996.
4. Certificate of membership of Nigerian Society for Animal Production (MNSAP) March 2004
5. Certificate of attendance: Animal Science Association of Nigeria Conference (ASAN 2000) September 21-24 2000.
6. Workshop on consulting skill appreciation October 06th 2004
7. Leadership training workshop for lecturers 13th to 15th September, 2005
8. Workshop on mentoring
9. Workshop on proposal writing
10. Membership of professional Bodies:

xiii. Award Received: (a) Federal Government of Nigeria Postgraduate Scholarship Award - 1988 to 1989

**(b) Travelling Fellowship by Stapledon Memorial Trust at The School of Biotechnology & Agriculture, University of Leeds, UK – June 2nd 2002 to October 31st 2002**

**(c) African Women in Agricultural Research and Development (AWARD) Fellowship by Gender and Diversity CGIAR hosted World Agroforestry Centre (ICRAF) United Nations Avenue Gigiri, Nairobi, Kenya 2009-2011**

1. Research conducted: **Research in progress**

1. Modeling of feed in intake of ruminant animals.

2. Silage from agro industrial wastes and forage grasses and legumes as dry season feeds.

3. Studies on *Stylosanthes* spp and testing of uses to control nematode on farmers’ plots.

4. Evaluation and Improvement of the iron manual horizontal and vertical hay balers.

5. Diseases of forage plants.

6. Testing of the University bunker silo

7. Agronomy and uses of bombom (*Calotropis procera)* leaves

8. Organic Agriculture

9. Pasture seed production and storage

10. Paddocking and ranching

xiv. Conferences Attended: 3o conferences

xv. Publications: 91 Journal publications; 40 conference proceedings; 2 Technical Reports; 3 monographs and manuals

1. **DR. (MRS.) VICTORIA OLUBUNMI A. OJO**
   * 1. **BIOGRAPHY OF DR. (MRS.) Victoria Olubunmi A. Ojo**

Dr. (Mrs.) Victoria Olubunmi A. Ojo (Nee Sodeinde) is an Academic Staff in the Department of Pasture and Range Management, College of Animal Science and Livestock Production, Federal University of Agriculture, Abeokuta (FUNAAB). She got her Ordinary National Diploma certificate from Federal College of Animal Health and Production Technology, Moor Plantation, Ibadan, Oyo State in 1992. She later had her B. Agric, M. Agric and Ph. D degrees in Animal Science with specialization in Forage Science from the prestigious FUNAAB in the years 1998, 2005 and 2011 respectively.

Dr. Ojo Victoria Olubunmi A. joined the services of the University as an Assistant Lecturer on the 2nd of January, 2008. Since then, she progressed to the rank of Reader on October 1, 2020. She was appointed Acting Head, Department of Pasture and Range Management from January 15, 2020 to January 14, 2022. She also handled many other assignments at the University, College and Departmental levels at various times, among which are Coordinator for Agriculture, Directorate of Grants Management; Secretary, College Manual Review Committee; Departmental Coordinator for Community Based Farming Scheme; Departmental Postgraduate Coordinator among many others. She has contributed immensely to the growth and wellbeing of the Department having handled several courses at both undergraduate and postgraduate levels and has supervised over 150 undergraduate students, and has been a major or co-supervisor to 32 M. Agric. and 5 Ph.D. students. Dr. (Mrs.) Ojo has also demonstrated good academic leadership by publishing over 50 journal articles in reputable local and international journal outlets and several conferences proceedings. Her areas of research covered agronomic and nutritional evaluation of forage grasses, legumes and multipurpose tree species. She also studied hay and silage production using the foliage and seeds of various multipurpose tree species as additives as well as pelletized forages as conserved feed resources for dry season feeding of ruminants. She was a recipient of three TETFUND Institution-based research grants (2014, 2017 and 2022) as the lead researcher. She was a Fellow’s Mentee of the Africa Women in Agricultural Research and Development (AWARD) in Nairobi Kenya in 2010, and a beneficiary of TETFUND International Conference Attendance Grant in 2013. She is a member of several national and international professional bodies. As a Registered Animal Scientist of humble disposition, she relates well with colleagues, students and other members of staff in the Department. Her major in Pasture Agronomy, Conservation and Utilization.

Dr. (Mrs.) Victoria Olubunmi A. Ojo is inspired by her passion for research and is committed to using her research to advance society in the best way that she possibly can. She has high aspirations and constantly seeks to contribute to humanity most especially, upcoming young ones and society at large. She is happily married and blessed with wonderful children.

* + 1. **Passport-sized photograph**



**iii. Personal information**

|  |  |  |
| --- | --- | --- |
|  | Name in Full: | OJO, Victoria Olubunmi A. (Nee Sodeinde) |
|  | Age: | 53 years |
|  | Place of Birth: | Mushin, Lagos state |
|  | Sex: | Female |
|  | Marital Status: | Married |
|  | Nationality: | Nigerian |
|  | Town and State of Origin: | Abeokuta, Ogun State |
|  | Contact Address: | Department of Pasture and Range Management,  College of Animal Science and Livestock Production,  Federal University of Agriculture,  P.M.B. 2240, Abeokuta. Ogun State, Nigeria. |
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|  | Present Post | Reader |

|  |  |
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|  | Pasture and Range Management |
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| Vi | **Phone number** |
|  | +234 8037178044 |
| vii | **Rank** |
|  | Reader |
| viii | **Designation** |
|  | Reader, Pasture and Range Management |
| Ix | **Researchgate address** |
|  | https://www.researchgate.net/profile/Victoria-Ojo-2/2 |
| X | **Linkdin address** |
|  | www.linkedin.com/in/victoria-ojo-06388016b |
| Xi | **Google scholar profile** |
|  | https://scholar.google.com/citations?user=PhvwBRAAAAAJ&hl=en |
| xii | **ORCID Number** |
|  | ORCID iD: 0000-0003-1767-5269 |
| xiii | **Qualification** |
|  | Ph. D in Pasture and Range Management |

xiv **Membership of Professional bodies**

|  |  |
| --- | --- |
|  | Member, Nigerian Institute of Animal Science (NIAS/RAS/00259) |
|  | Member, Nigeria Society for Animal Production |
|  | Member, Animal Science Association of Nigeria (ASAN/99/019) |
|  | Society for Grassland Research and Development in Nigeria |
|  | British Grassland Society (BGS/200471) |
|  | Member, Organization for Women in Science for the Developing World (OWSD/4761) |

xv **Award received**

|  |  |  |
| --- | --- | --- |
| (i) | Fellow’s Mentee: Africa Women in Agricultural Research and Development (AWARD) fellowship hosted by the World Agroforestry Centre, Nairobi, Kenya. | **2010** |
| (ii) | Year 2018-2022 Intervention in research Projects (RP): Batch B of Tertiary Education Trust Fund for Federal University of Agriculture, Abeokuta, Ogun State. For a project titled, “Organic hydroponics cereals fodder production technology for sustainable dry season livestock production*”* **(Lead Researcher)** | **2022** |
| (iii) | Year 2015-2016 (MERGED) Tertiary Education Trust Fund Research Projects (RP) Batch 6 Intervention- Institution-Based Research Allocation for a project titled, “Evaluation of the nutritive quality of grass foliage – browse legume seeds silage as dry season feed for ruminants*”* **(Lead Researcher)** | **2017** |
| (iv) | Tertiary Education Trust Fund (TETFUND) Research Project (RP) Intervention: project titled, “Legume based pellets as dry season feed resources for ruminant animals”  (**Lead Researcher)** | **2014** |
| (v) | Beneficiary of Tertiary Education Trust Fund for conference attendance to 12th Research Conference Proceedings of British Grassland Society, Aberystwyth University, Penglais Campus, Aberystwyth, Ceredigion, SY23 3DE, Wales, U.K., 7th – 9th September, 2015. | **2013** |

xvi **Research conducted**

|  |  |
| --- | --- |
|  | Evaluation of the nutritive quality of grass foliage – browse legume seeds silage as dry season feed for ruminants. |
|  | Effects of access to different legume pastures and its biomass intake on performance and welfare of broilers at different seasons. |
|  | Legume based pellets as dry season feed resources for ruminant animals. |
|  | Multi-nutrient block supplement for dry season goat production. |
|  | Utilization of cashew nut shell liquid as a dietary strategy to manipulate rumen fermentation for improved nutritional performance of ruminants. |
|  | Mitigating the impact of pastoral/nomadic grazing on the natural ecosystem and rural livelihoods in Yewa division of Ogun State. |
|  | Development of novel technologies for utilization of toasted *Enterolobium cyclocarpum* foliage and seeds for dry season feeding of ruminant animals. |
| Viii | Organic hydroponics cereals fodder production technology for sustainable dry season livestock production. |

xvii **Conferences attended**

|  |  |
| --- | --- |
|  | 4th Biennial Conference of Society for Grassland Research and Development in Nigeria, held at Emerald Energy Institute, University of Port Harcourt, November, 7th – 10th, 2021.  **Theme:** Grasslands Development for Improved Livestock Productivity and Farmers-Herders Coexistence: Option or Imperative for Nigeria?  **Paper presented by: Ojo, V. O. A.,** Kolawole, A. I., Adeyemi, T. A., Williams T. A., Oyaniran, D. K., Aluko, D. O. and Amisu, A. A. Chemical composition and acceptability by sheep of two tropical grasses with or without manure. |
|  | 8TH ASAN-NIAS Joint Annual Meeting (JAM), held at International Conference Center, Umuahia, Abia State September 8th to 12th 2019.  **Theme**: Animal agriculture: anchor for sustainable economic and human development in Nigeria.  **Paper** **presented by**: Ojo, V. O. A., Adeoye, G. A., Adeyemi, T. A., Adelusi, O. O. and Onifade, O. S. Ensiling characteristics of *Panicum maximum* at two stages of maturity with tree legume seeds for ruminants feeding. |
|  | 43rd Annual Conference of the Nigerian Society for Animal Production, held at FUT Owerri, Imo State, Nigeria. March 18th – 22nd 2018.  **Theme**: Exploring science and technology innovations for sustainable livestock development  **Paper** **presented by**: **Ojo**, **V.O.A.,** A.I. Adewuyi, T.A. Adeyemi, B.T. Odunaye and J.A. Olanite. Growth and Yield of *Brachiaria ruziziensis* and *Brachiaria mulato* as Affected by Manure Application. |
|  | Cassava Tech 2017. Increasing the Performance of the Cassava Industry in West and Central Africa – IPCI. 21st to 23rd November at Oriental Hotel, Victoria Island, Lagos.  **Theme**: The latest development in cassava industry.  **Paper presented by:** Ojo, V. O. A., Bakare, B. A., Onifade, O. S. Effect of cassava peel mash on the rumen fermentation of parameters of West African dwarf rams supplemented with dried *Ficus thonningii* foliage. |
|  | 21st Annual Conference of Animal Association of Nigeria and 5th ASAN-NIAS JAM, held at Ebitimi Banigo Auditorium, University Park, University of Port Harcourt, Port Harcourt, Rivers State, Nigeria. September 18 to 22, 2016.  **Theme**: Repositioning Animal Agriculture in a Dwindling Oil Economy.  **Paper** **presented by**: **Ojo, V. O. A.**, Akinade, G. A., Yekini, D. F., Odunaye, B. T., Adetokunbo, G. A., Adelusi, O. O. Lamidi, A. A., Aderinboye, R. Y., Okukenu O. A. and Jolaosho, A. O. Effects of ensiling *Pennisetum purpureum* and *Enterolobeum cyclocarpum* seeds on the microbial population at different storage duration. |
|  | 2nd Biennial Conference of Society for Grassland Research and Development in Nigeria, 29th October – 1st November, 2017 at Federal University of Agriculture, Abeokuta.  **Theme:** Grassland: Opportunities and challenges for livestock production in Nigeria.  **Paper presented by: Ojo, V. O. A.,** Amodu J. T., Abubakar S. A. and Tanko, R. J. Chemical composition and fermentation evaluation of herbaceous (*Canavalia ensiformis*) and browse (*Moringa oleifera*) plants parts as feed for ruminants. |
|  | 1st Biennial conference for Society for Grassland Research and Development in Nigeria, December 6 9, 2015. Postgraduate School, Federal University of Agriculture, Abeokuta.  **Theme:** Towards a sustainable utilization of forage and grassland resources for improved livestock production in Nigeria.  **Paper presented by: Ojo, V. O. A.,** Adetokunbo, G. A., Odunaye, B. T., Adeniran, M. M., Ogunsakin, A. O., Adeoye, S. A., Oguntusi, I. O., Omodewu, A. O., Oyaniran, D., Bakare, B. A. and Olanite, J. A. Effects of animal manure application and plant spacing on the growth characteristics and dry matter yield of pearl millet in Abeokuta. |
|  | Twelfth Research Conference Proceedings of British Grassland Society,held in Aberystwyth University, Penglais Campus, Aberystwyth, Ceredigion, SY23 3DE, Wales, U.K., 7th – 9th September, 2015.  **Theme:** Grassland and Forage Management.  **Paper presented by: V.O.A. Ojo,** A.O. Jolaosho, J.A. Olanite, D.T. Olorunnisola, S.A. Adeoye, O. O. Adelusi, R.Y. Aderinboye, T.O. Muraina and T.A. Amole. Effects of legume species and tillage on the nutritive quality of silage produced from improved natural pasture. |
|  | 9th Organic agriculture project in tertiary institutions in Nigeria (OAPTIN) in National Conference on Organic Agriculture. Federal University of Agriculture, Abeokuta, Nigeria, 11-15, November, 2013  **Theme:** Organic agriculture for national food security, conservation of biodiversity and climate change adaptation.  **Paper presented by: V. O. A. Ojo**, P. A. Dele, J. A. Olanite, S. A. Adeoye, S. O. Ajayi and O. M. O. Idowu. Influence of manure type on the productivity of *Pennisetum purpureum* under different planting method and age. |
|  | 3rd ASAN-NIAS Joint annual meeting held at the International Conference Centre, University of Ibadan, Ibadan, Nigeria from September 7 to 11, 2014.  **Theme:** Value addition in the Nigerian livestock industry: a strategy for economic growth and stake holder’s empowerment.  **Paper presented by: Ojo, V. O. A.**, Adeoye, S. A., Ogunbote, O. B., Nukasi, I. G., Olanite, J. A., Amole, T. A., Dele, P. A., Adelusi, O. O. and Mustapha, S. O. Chemical composition and *in vitro* gas production of grass-legume forages mixtures at different proportion. |

xviii **Publications**

|  |  |
| --- | --- |
| **(A)** | **Articles in Learned Journals** |
|  | Anele, U. Y., Südekum, K.-H., Arigbede, O. M., Welp, G., Oni, A. O., Olanite, J. A. and **Ojo, V. O. A.** 2011. Agronomic performance and nutritive quality of some commercial and improved dual purpose cowpea (*Vigna unguiculata* L. Walp) varieties on marginal land in southwest Nigeria. ***Grassland Science,*** **57:** 211 - 218. Published by Japanese Society of Grassland Science, Japan. Available on line at <http://onlinelibrary.wiley.com/doi/10.1111/j.1744-697X.2011.00229.x/abstract> |
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|  | **Ojo, V.O.A.,** Adesina, A.E., Ajao, A.J., Lasisi, G.O., Adebajo, O.E., Olarewaju, T.P., Taiwo, O., Arowolo, O.E., Adeagbo, A.A. and Filani, G.K. 2023. Ensiling *Megathyrsus maximus* with browse plant seeds improved silage chemical composition. Eds. Ed. Fuyu Yang and Xusheng Guo. XIX International Silage Conference (ISC) Proceeding. Held at the Beijing Biguiyuan Jiuhua Mountain Resort, Beijing China from 8th to 12th August. Pg. 266. |
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|  | **Ojo, V. O. A.,** Jolaosho, A .O., Arigbede, O. M., Olanite, J. A., Fabusoro, E., Fasae, O. A., Aderinboye, R. Y., Busari, M. A., Dele, P. A. and Kehinde, T. O. 2016. ***Legume based pellets as dry season feed resources for ruminant animals.*** TETFund Research grant report. Federal University of Agriculture, Abeokuta, Nigeria. 95 pp. |
|  | **Ojo, V. O. A. 2017 *Nutritional evaluation of plant parts as feed supplements for ruminant animals during the dry season.*** Faculty Internship Placement sponsored by World Bank Africa Centre of Excellence in Agricultural Development and Sustainable Environment grant report. Federal University of Agriculture, Abeokuta, Nigeria. 41 pp. |
|  | **Ojo, V. O. A.,** Onifade, O. S., Arigbede, O. M., Oni, O. O., Lawal-Adebowale, O. A. and Ola, I. A. 2020. ***Evaluation of the nutritive quality of grass foliage – browse legume seeds silage as dry season feed for ruminants.*** TETFund Research grant report. Federal University of Agriculture, Abeokuta, Nigeria. 99 pp. |

**5. DR. P.A. DELE**

1. **Brief Biography of Dr. Dele, Peter Aniwe**

**Peter Aniwe Dele** is a Senior Lecturer in the Department of Pasture and Range Management (PRM), College of Animal Science and Livestock Production (COLANIM), Federal University of Agriculture Abeokuta (FUNAAB)..

Dr Dele earned his B. Agric., M. Agric. and PhD degrees from University of Agriculture, Abeokuta (now Federal University of Agriculture, Abeokuta), Nigeria. Prior to bagging his PhD, he won a TWAS-CAS PhD fellowship that was tenable at the Institute of Subtropical Agriculture, Chinese Academy of Science, Changsha, Hunan Province, China in 2011. He was at Christian-Albrechts University Kiel, Germany in 2014 on a TWAS-DFG postdoctoral visit and was a Research scholar in the department of Animal Sciences, North Carolina Agricultural and Technical State University, Greensboro, USA from 2021-2023.

He is a Forage-Livestock Scientist with strong affinity for Pasture Production, Conservation and Utilization, experienced in Pasture Research Methodologies, Data Analyses and Presentation. His research cum production interests includes irrigated pasture production, organic pasture production, forage conservation (hay and silage making) and utilization. He has also worked on developing a low cost pasture based integrated farming system, evaluation of maize forage yield and quality, feedlot vs Pasture-lot systems, grazing systems, characterization of forage crops and phytoremediation using forage crops. He is currently working on nutritional enhancement of silage for beef and dairy animals as well as development, evaluation and utilization of agro-waste based silages.

He consults for different farms on pasture production and livestock management. He is an international conference speaker. He has published articles in refereed journals both locally and internationally. He served as the National Secretary of the Society for Grassland Research and Development in Nigeria (SOGREDEN) between 2017 and 2021. He is a founding member of the Silage Group, Nigeria.

1. Passport Photograph



1. Personal information
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3. [delepa@funaab.edu.ng](mailto:delepa@funaab.edu.ng)
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5. Rank: Senior Lecturer
6. Designation:
7. Researchgate address: https://www.researchgate.net/profile/Peter-Dele
8. Linkedin Address: [linkedin.com/in/peter-dele-91800827](https://www.linkedin.com/in/peter-dele-91800827?lipi=urn%3Ali%3Apage%3Ad_flagship3_profile_view_base_contact_details%3BjPW%2FDo5cT4mL%2BJ%2FHhDOZgw%3D%3D)
9. Google Scholar profile: https://scholar.google.com/citations?hl=en&user=gxoYh08AAAAJ
10. ORCID Number: 0000-0002-8814-6420
11. Qualification: B. Agric., M. Agric. and PhD
12. Membership of Professional Bodies:

Member, Animal Welfare Group, Nigeria

Member, Silage Group, Nigeria

Member, Grassland Society of Southern Africa

Member, Animal Science Association of Nigeria

Registered Member, Nigerian Institute of Animal Science (RAS/00573)

Member, Society for Grassland Research and Development in Nigeria

1. Award Received

Recipient, 2022 Research Productivity and Scholarly Achievement Awards, College of Agriculture and Environmental Sciences, North Carolina Agriculture & Technical State University, Greensboro, NC, USA, May 15, 2023

1. Research conducted:
   1. **Completed research**

* Evaluation of nutraceuticals as enteric greenhouse gas mitigants
* Pasture management and grazing behaviour of white Fulani cattle
* Effects of manure application on dry matter yield and nutritional profile of some tropical pasture grasses in south western Nigeria.
* Effects of management, season, planting age, distance and cutting intervals on biomass production and nutritive value of indigenous fodder plants
  1. **Research in progress**
* Evaluation of maize forage yield and quality in south west Nigeria
* Introduction and domestication of exotic forage legume to tropical farming systems
* Developing a low-cost pasture based integrated farming system
* Evaluation and nutritional screening of lesser-known tropical indigenous browse plants, leguminous shrubs and Multi-Purpose Tree species for livestock feeding and agro-forestry technologies.
* Developing a low-cost dry season pasture-based feeding system for ruminants
* Evaluation of storage media for chopped and pelleted grass-legume hay
* Evaluation of nutraceuticals as enteric greenhouse gas mitigants
* Introduction and domestication of exotic forage legume to tropical farming systems
* Pasture management and grazing behaviour of white Fulani cattle
* Improving silage quality with oil seed and moisture absorbents

1. **Conferences Attended**

* The XIX International Silage Conference held at Beijing August 8-12, 2023

**Papers** **read**:

* Silage Production and Research in Africa: Status & Prospects (**KEYNOTE**)
* Protein fractions of three ensiled tropical grasses as influenced by age at harvest
* The XXV International Grassland Congress held at Kentucky May 14-19, 2023.

**Papers** **read**:

* Micro mineral concentrations of Congo grass as affected by shading and harvesting age.
* *In vitro* digestibility and methane production of two tropical grasses: Plant spacing and grazing frequency.

* British Society of Animal Science (BSAS) 79th Annual Conference 2023 held at the International Conference Centre, Birmingham Centre and virtually on 28th - 30th April 2023.

**Paper read:** Essential amino acids of Gliricidia-Megathyrsus mixtures.

* British Society of Animal Science (BSAS) 78th Annual Conference 2022 held at the East Midlands Conference Centre and virtually on 12th – 14th April 2022.

**Paper read:** Protein fraction of soybean herbage as influenced by the stage of growth.

* British Society of Animal Science (BSAS) 77th Annual Conference 2021 held virtually on 12th – 15th April 2021.

**Paper read:** Essential amino acid concentration of soybean herbage as influenced by stage of growth

* The Virtual Joint XXIV International Grassland and XI International Rangeland Congress October 25-29, 2021.

**Paper** **read**: Mineral profile of *Panicum* *maximum* var. Ntchisi as influenced by organic nitrogen rate and age at harvest.

* 3rd Biennial Conference of the Society for Grassland and Development in Nigeria (SOGREDEN) 3rd – 6th November. 2019 held at the National Animal Production Research Institute, A.B.U Shika, Zaria

**Paper read:** Yield and nutritive quality of Napier grass (*Pennisetum* *purpureum*) as affected by manure type and harvest age.

* 44th Annual Conference of the Nigerian Society for Animal Production (NSAP), March 17th -21st 2019 held at University of Abuja, Abuja

**Paper read:** Changes in mineral content of *Panicum maximum* var Ntchisi as influenced by poultry manure rate and age at harvest.

* 9th National Conference on Organic Agriculture of Organic Agriculture Projects in Tertiary Institutions in Nigeria, held at Federal University of Agriculture, Abeokuta 11th-15th November, 2013

**Paper read**: Physical and Chemical Characteristics of Organic Pennisetum Silage as affected by Manure Type and Ensiling Duration

* 36th Conference of Nigerian Society of Animal Production (NSAP), 13-16th March, 2011 held at Merit House/Raw Materials Research and Development Council, Abuja.

**Paper read**: Effects of cutting interval on the growth and yield of four varieties of *Pennisetum purpureum*.

1. Publications
   * + - 1. **Journal Articles**
     1. Arigbede, O. M., Anele, U. Y., Aderinboye, R. Y., **Dele, P. A.** and Oni, A. O. (2011): Dry matter and protein degradabilities of some feed ingredients sold in Abeokuta, Ogun State, Nigeria. ***Journal of Agricultural Science and Environment.***11(1): 90-98. Published by Federal University of Agriculture, Abeokuta, Nigeria. Available online at <https://journal.unaab.edu.ng/index.php/JAgSE/article/view/1316>.
     2. **Dele, P. A.,**  Jolaosho, A. O., Arigbede, O. M., Ojo, V. O. A., Amole, T. A., Okukenu, O. A. and Akinyemi, B. T. (2013): Chemical composition and *in vitro* gas production of silage from Guinea grass, cassava peel and cashew apple waste at different periods of ensilage. ***Pakistan Journal of Biological Sciences.***16(23): 1801-1805. Published by Asian Network for Scientific Information. Available online at <https://docsdrive.com/pdfs/ansinet/pjbs/2013/1801-1805.pdf>
     3. **Dele,** **P. A.,** Olanite, J. A., Arigbede, O. M., Sowande, O. S., Ojo, V. O. A., Jolaosho, A. O., Idehen, J. O. and Amole, T. A. (2013): Microelement contents of two *Panicum maximum* varieties as influenced by manure type and season.***Nigerian Journal of Animal Production.*** 40(2): 160-171. Published by Nigerian Society for Animal Production. Available online at <https://njap.org.ng/index.php/njap/article/view/1138/978>
     4. Amole, T. A., Ojo, V., **Dele, P. A.,** Idowu, O. and Adeoye, A. 2014. Influence of undersowing annual forage legumes in early-maturing maize on grain yield and quality of their forage mixtures. ***African Journal of Range & Forage Science***. 31:1: 59-64. Published by Grasslands Society of Southern Africa. Available online at https://www.tandfonline.com/doi/abs/10.2989/10220119.2013.864333
     5. Olanite, J. A., **Dele, P. A.,** Arigbede, O. M. and Ojo, V. O. A.2014.Growth and biomass yield of *Panicum maximum* varieties as affected by weed management and fertilizer application methods in the humid Savannah zone of Nigeria. ***Nigerian Journal of Animal Production.***41 (1):176 – 189.Published by Nigerian Society for Animal Production. Available online at https://njap.org.ng/index.php/njap/article/view/2703/2139.
     6. Ojo, V. O. A., **Dele, P. A.,** Yusuff, R. B., Olanite, J. A., Jolaosho, A. O., Arigbede, O. M., Adeoye, S. A., Amole, T. A. and Hassan O. A. 2014. Biomass yield and nutritive quality of four varieties of *Pennisetum purpureum* as influenced by three cutting intervals in the humid zone of Nigeria. ***Nigerian Journal of Animal Production.*** 41: (2) 165-173. Published by the Nigerian Society for Animal Production. Available online at https://njap.org.ng/index.php/njap/article/view/801/698
     7. Amole, T. A., Odeyemi, A. J., **Dele, P. A.,** Lawal, A. E., Oyaniran, D. K., Odunuga, A. O., Sofela, T. O. and Oshundara, O. F. (2016): Yield and quality evaluation of five tropical legumes in pure and mixed sward in the moist savanna of West Africa. ***Tropical Agriculture* (Trinidad)*.*** 93(3):165-177. Published by the University of the West Indies. Available online at https://journals.sta.uwi.edu/ojs/index.php/ta/article/view/878/0.
     8. Muraina T. O., Onifade, O. S., Olanite, J. A., **Dele, P. A.**, Okpiaifoh, O. I., Ewetola, I. A., Amahwe, O. J. and Kadri, S. F. (2016): Effect of storage place and storage period on nutritive quality of hay produced from three forage grasses. ***Nigerian Journal of Animal Science.*** 18(1): 207-214. Published by the Animal Science Association of Nigeria. Available online at <https://www.ajol.info/index.php/tjas/article/view/162798>.
     9. Ewetola, I. A., Olanite, J. A., Adepoju, R. O., **Dele, P. A.,** Muraina, T. O., Sangodele, O. T., Mustapha, S. O. and Adesetan, Y. T. (2016): Residual effects of animal manures on physical and chemical characteristics of silage produced from *Panicum maximum* (Ntchisi) in Abeokuta, South-West, Nigeria. ***Nigerian Journal of Animal Science.*** 18(2):542-550. Published by the Animal Science Association of Nigeria. Available online at https://www.ajol.info/index.php/tjas/article/view/162753
     10. **Dele P. A.**, Amole T. A., Akinyemi B. T., Sangodele O. T., Okukenu O. A., Oyebanjo E. D., Adepoju R. O., Ewetola I. A., Ojo V. O. A. and Olanite J. A. (2016): Physical and chemical characteristics of *Pennisetum purpureum* grass silage as affected by manure type and ensiling duration. ***Journal of Animal Production Research***28(2):37-49. Published by the National Animal Production Research Institute, Ahmadu Bello University, Shika, Zaria
     11. Ewetola, I. A., Olanite, J. A., Oni, O. A., **Dele, P. A**., Ojo, V.O.A., Olasupo, I. O., Idowu, J. O., Jimoh, S. O. and Adekeye, A. B. (2016): Effect of organic manures sourced from different animal wastes on re-growth potential of *Panicum maximum* and *Brachiaria decumbens* in Southwestern Nigeria. ***International Journal of Organic Agriculture Research and Development.*** 12: 44-60.Published by Organic Agriculture Practitioners of Nigeria. Available online at <https://ijoardjournal.org/index.php/ijoardjournal/article/view/201/135>.
     12. Amole, T. A., **Dele, P. A**., Ojo, V. O. A., Akinyemi, B. T. and Akinyemi, F. I. (2017): Intercropping Systems’ Productivity of *Brachiaria decumbens* with *Stylosanthes hamata* and *Stylosanthes guianensis* in different planting ratios. ***Journal of Animal Production Research.*** 29(1):299-313.Published by the National Animal Production Research Institute, Ahmadu Bello University, Zaria**.**
     13. Jimoh, S. O., Adeleye, O. O., **Dele, P. A.**, Amisu, A. A., Olalekan, Q. O., Jolaosho, O. A. and Olanite, J. A. 2017. Behaviour of White Fulani calves grazing panicum/stylo pasture in Southwest Nigeria. ***Applied Animal Behaviour Science.*** 193: 1–6. Published by the Elsevier ([International Society for Applied Ethology](https://www.applied-ethology.org/)) Available online at <https://www.sciencedirect.com/science/article/abs/pii/S0168159117300953>
     14. **Dele, P. A.,** Akinyemi, B. T., Amole, T. A., Okukenu, O. A., Sangodele, O. T., Sowande, O. S., Olanite, J. A., Arigbede, O. M. and Jolaosho, A. O. (2017): Effect of manure type and season of harvest on the forage yield, quality and macro-elements of two *Panicum maximum* varieties. ***Nigerian Journal of Animal Science.*** 19(1):265-282. Published by the Animal Science Association of Nigeria. Available online at <https://www.ajol.info/index.php/tjas/article/view/163832>
     15. **Dele, P. A.,** Kasim, O. B., Akinyemi, B. T., Kenneth-Obosi, O., Salawu, F. E., Anotaenwere, C. C., Jolaosho. A. O. And Arigbede, O. M. (2019): Forage yield and nutritive quality of two groundnut (*Arachis hypogaea L*) varieties as influenced by fertilizer types. [***Journal of Agricultural Science and Environment***](http://journal.unaab.edu.ng/index.php/JAgSE)***.*** 19(1&2):1-16. Published by the Federal University of Agriculture, Abeokuta, Nigeria. Available online at https://journal.unaab.edu.ng/index.php/JAgSE/article/view/2011.
     16. Jimoh, S. O., Amisu, A. A. **Dele, P. A.,** Ojo, V. O. A., Adeyemi, T. A. and Olanite, J. A. (2019): Effects of Animal manures and cutting height on the chemical composition of two *Panicum maximum*varieties (Local and Ntchisi) harvested at different stages of growth. ***Pertanika Journal of Tropical Agricultural Science.*** 42 (1): 359 – 376. Published by Universiti Putra Malaysia, Available online at http://www.pertanika.upm.edu.my/resources/files/Pertanika%20PAPERS/JTAS%20Vol.%2042%20(1)%20Feb.%202019/25%20JTAS-1405-2018.pdf.
     17. Okukenu, O. A., Olajide, A. A., **Dele, P. A.,** Wheto, M., Akinyemi, B. T., Jolaosho, A. O., Jokosenumi, B. O. and Shonde, T. J. (2020): Microsatellite markers-based characterisation of elephant grass (*Pennisetum* *purpureum*) harvested from selected locations in South-West Nigeria. ***Nigerian Journal of Biotechnology.*** 37(1): 38-45. Published by Biotechnology Society of Nigeria. Available online at <https://www.ajol.info/index.php/njb/article/view/199143>
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    10. Enwete, F., **Dele, P.,** Anotaenwere,C., Akinyemi, B., Aiyesa, O., Awoola, O., Akinyode, J. and Onifade, O. (2023): Nutrient composition, *in vitro* digestibility, and methane production of two tropical grasses: Effect of grazing frequency and plant spacing. ***Journal of Central European Agriculture***. 24(2): 358-373. Published by University of Agricultural Sciences and Veterinary Medicine. Available online at DOI: /10.5513/JCEA01/24.2.3810
        - 1. **Referred Conference proceedings**
    11. **Dele, P.**, Akinyemi, B., Yusuf, T., Adekeye, A., Aiyesa, O., Anotaenwere, C. and Enwete, F. 2023. Essential amino acids of Gliricidia-Megathyrsus mixtures. A. Brown, A. Carter, B. John, C. Sandoval-Castro, C-A. Duthie, C. Marley, C. Browne, C. Whittemore, C. O’Shea, D. Kenny, D. Wilde, E. King, E. Magowan, F. Lively, H. Ajayi, H. Warren, H. Brown, J. Margerison, J. Franklin, J. Gibbons, J. Rivero, J. Capper, K. Matthews, L. Tennant, L. Cameron, M. Nevel, M. Bowden-Doyle, P. Smith, P. Garnsworthy, S. Stergiadis, S. Mansbridge, T. Boland (eds). Animal Science: delivering for all our needs. Proceedings of the British Society of Animal Science at the BSAS 79th Annual Conference 2023 held at the International Conference Centre, Birmingham Centre and virtually on 28th - 30th April 2023. Animal - Science proceedings, 14(2) 334-335. <https://doi.org/10.1016/j.anscip.2023.01.446>. **.**
    12. **Dele, P.**, Akinyemi, B., Omikunle, O., Enwete, F., Aiyesa, O., Awoola, O., Anotaenwere, C., Amole, T., Jolaosho, A. and Arigbede, O. 2022. Protein fraction of soybean herbage as influenced by the stage of growth. E. E. Ball, M. Le Bon, L. Cameron, A. Carter, T. Boland, P. C. Garnsworthy, A. K. Kelly, D. A. Kenny, F. Lively, E. Magowan, S. C. Mansbridge, J. K. Margerison, L. Mather, K. Matthews, S. Morrison, C. J. O’Shea, A. Z. Pyatt, L. Tennant, T. Turbitt, L. Turner, H. E. Warren, S. M. Waters, G. A. White, C. Whittemore, D. Wilde, J. Williams (eds). The role of animals in human and planetary health. The Proceedings of the British Society of Animal Science constitutes summaries of papers to be presented at the BSAS 78th Annual Conference 2022 held at the East Midlands Conference Centre and virtually on 12th – 14th April 2022. Animal - science proceedings, 13(1):14. <https://doi.org/10.1016/j.anscip.2022.03.023>**.**
    13. **Dele, P**., Akinyemi, B., Usman, S., Omikunle O., Jolaosho, A. and Arigbede, O. 2021. Essential amino acid concentration of soybean herbage as influenced by stage of growth. E. E. Ball, M. Le Bon, J. M. Brameld, A. Carter, D. J. Flood, P. C. Garnsworthy A. K. Kelly, D. A. Kenny, F. Lively, E. Magowan, S. C. Mansbridge, J. K. Margerison, C. V. Marley, L. Mather, S. Morrison, B. A. Murphy, J. Murray, C. J. O’Shea, A. Z. Pyatt, K. D. Sinclair, L. Tennant, H. E. Warren, S. M. Waters, G. A. White, D. Wilde, J. Williams (eds). The challenge of change – the New Normal. The Proceedings of the British Society of Animal Science presented at the BSAS 77th Annual Conference 2021 held virtually on 12th – 15th April 2021. Animal - science proceedings, 12(1):154. <https://doi.org/10.1016/j.anscip.2021.03.185>**.**
    14. **Dele, P.,** Akinyemi, B., Oyeleke, O., Anotaenwere, C., Salawu, F., Onifade, S. O., 2021. Mineral profile of *Panicum* *maximum* var. Ntchisi as influenced by organic nitrogen rate and age at harvest. Mureithi J.G., Nyangito M.M., Wamuongo, J.W., Njoka J., Nyambati E.M., Miano D., Mbuku S., Okoti M., Martim, F., (eds.). Sustainable Use of Grassland and Rangeland Resources for Improved Livelihoods. Proceedings of the Virtual Joint XXIV International Grassland and XI International Rangeland Congress – Poster Papers, held in October 25-29, 2021, Nairobi, Kenya. Pg 385-388.
    15. **Dele P. A.,** Akinyemi B. T., Enwete F. E., Anotaenwere C. C., Usman S., Akinlolu A. O. and Olanite J. A. 2021. Influence of forage type on the chemical composition of manured Megathyrsus maximus var. Ntchisi. Kalio, G. A., Etela I., Lamidi, A. A. and Ingweye, J. N. (eds). Grasslands Development for Improved Livestock Productivity and Farmers-Herders Coexistence: Option or Imperative for Nigeria?. Proceedings of 4th Biennial Conference, Society for Grassland Research and Development in Nigeria from November 7-10, 2021 held at Emerald Energy Institute, University of Port Harcourt, Nigeria, page 58-62**.**
    16. **Dele, P**., Akinyemi, B., Okukenu, O., Amole, T., Sowande, O., Jolaosho, A., Arigbede, O. and Olanite, J. 2018. Ensilage characteristics of three tropical grasses fertilized with different animal manures, each harvested at four dates. In: Gerlach, K. and Südekum, K.-H. (eds). Proceedings of the XVIII International Silage Conference 24-26 July 2018 Bonn.Published by [Organising Committee, XVIII International Silage Conference 2018](https://www.cabdirect.org/cabdirect/search/?q=pb%3a%22Organising+Committee%2c+XVIII+International+Silage+Conference+2018%22). Available online at <http://static.atkft.hu/Dokumentumok/Proceedings2018.pdf>

**6. DR. MRS. B.T. AKINYEMI**

**ABRIDGED PROFILE OF DR (MRS) AKINYEMI, Bolanle Temitope**

1. **Biography**

Dr. (Mrs.) Akinyemi Bolanle Temitope is a Lecturer in the Department of Pasture and Range Management (PRM), College of Animal Science and Livestock Production (COLANIM), Federal University of Agriculture Abeokuta (FUNAAB). She graduated from the University of Agriculture, Abeokuta, Nigeria in 2007 in the Department of Pasture and Range Management with a First Class Honours Degree and bagged her Master of Agriculture in Pasture and Range Management in 2011. She is a Forage Scientist with strong affinity for Pasture Conservation and Utilization.

Over the years in FUNAAB, she has been carrying out research activities, supervising and training undergraduate students. She has won so many outstanding and distinguished prizes, honours and scholarships amongst which are the African Women in Agricultural Research and Development (AWARD), a Consultative Group on International Agricultural Research (CGIAR) Gender and Diversity Program as a Fellow in the year 2010 and Federal Government Scholarship for Nigerian Tertiary Institutions during her Postgraduate studies.

Her research interest include evaluation of Pearl millet genotypes for forage production, nutritive evaluation of plants with forage potential, and provision of conserved feed for ruminant animals. She has 24 Publications (both international and local) including conference proceedings. She has undertaken trainings in Molecular Biology and molecular techniques in the study of bacteria associated with crops and write shops on proposal writing in Nigeria.

Dr. (Mrs). Akinyemi is a Professional member, American Society of Animal Science (ASAS), Society for Grassland Research and Development in Nigeria (SOGREDEN) Nigerian Society for Animal Production and a Registered Animal Scientist (RAS/01410).

She is a lover of meeting people and very adventurous and have a high sense of responsibility.

1. Passport sized photograph

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1. Personal information

Name in full: AKINYEMI Bolanle Temitope (Nee Ogunlolu)

Date of Birth: 15th February, 1981

Place of Birth: Abeokuta

Age: 42 years

Sex: Female

Marital Status: Married

Nationality: Nigerian

Town and State of Origin: Abeokuta, Ogun State

1. Department Pasture and Range Management
2. E mail address Akinyemibt@funaab.edu.ng
3. Phone number 08022759952
4. Rank lecturer 1
5. Designation Lecturer
6. Researchgate address https://www.researchgate.net/profile/Akinyemi-Bolanle
7. Linkein address http://www.linkedin.com/in/bolanle-akinyemi
8. Google scholar profile
9. ORCID Number 0000 0001 7137 9124
10. Qualification Ph.D
11. Membership of professional bodies

Registered Member, Nigerian Institute of Animal Science (RAS/1410)

Member, Nigerian Society of Animal Production (NSAP)

Member, Animal Science Association of Nigeria (ASAN)

Professional member, American Society of Animal Science

Member, Society for Grassland Research and Development in Nigeria (SOGREDEN)

1. Award Received

**A.** G. Leventis (Egba) Scholarship for Outstanding Egba Postgraduate Studentsin Tertiary Institutions. 2013 - 2015

Fellow for the African Women in Agricultural Research and Development (AWARD), a Consultative Group on International Agricultural Research (CGIAR) Gender & Diversity Program. 2010

A. G. Leventis (Egba) Scholarship for Outstanding Egba Postgraduate Students in Tertiary Institutions. 2009 - 2011

Federal Government Scholarship for Postgraduate studies in Nigerian Tertiary Institutions. 2009/2010

University Prize awarded to First Class graduates in the Federal University of Agriculture, Abeokuta. 2008

Yoruba Tennis Club (USA) Scholarship for Outstanding Yoruba Students in Tertiary Institutions. 2007

Ogun State Government Scholarship (Nigeria) for Outstanding Students in Tertiary Institutions. 2004 - 2007

A. G. Leventis (Egba) Scholarship for Outstanding Egba Students in Tertiary Institutions. 2004 - 2007

1. Research Conducted

Evaluation of pearl millet genotypes for forage production

Nutritive quality of conserved *Panicum* *maximum* var. Ntchisi and selected browse plants mixture as dry season feed for WAD goats

Use of agro-waste as feed resource for ruminants

1. Conferences attended

**1.** The Virtual Joint XXIV International Grassland and XI International Rangeland Congress October 25-29, 2021.

**2. *3rd Biennial Conference of Society for Grassland Research and Development in Nigeria*** at National Animal Production Research Institute (NAPRI), A.B.U., Shika- Zaria 3-6th November, 2019

3. ADSA-AMPA-ASAS-CSAS-WSASAS Joint Annual Meeting 2012 at Phoenix, Arizona, U.S.A. July 15th -19th, 2012

4. 35th Conference of Nigerian Society of Animal Production (NSAP), held at University of Ibadan, Nigeria 14-17th March, 2010

1. Publication.
2. Dele P. A., Amole T. A., A**kinyemi B. T.,** Sangodele O.T., Okukenu O.A., Oyebanjo E. D., Adepoju R. O., Ewetola I. A., Ojo V.O.A. and Olanite J. A. 2016. Physical and chemical characteristics of *Pennisetum purpureum* grass silage as affected by manure type and ensiling duration. ***Journal of Animal Production Research***28 (2):37-49. Published by National Animal Production Research Institute Ahmadu Bello University, Zaria, Nigeria. Available online at <http://journals.napri.gov.ng/index.php/japr/article/view/237/189> **NIGERIA**.
3. Amole T. A., Dele P. A., Ojo V. O. A., **Akinyemi B. T.,** Akinyemi F. I. Akinade G., and Okukenu O. A. 2017. Intercropping systems’ productivity of *Brachiaria* *decumbens* with *Stylosanthes* *hamata* and *Stylosanthes* *guianensis* In different planting ratios.***Journal of Animal Production Research***29 (1):299-313. Published by National Animal Production Research Institute Ahmadu Bello University, Zaria, Nigeria. Available online at <http://journals.napri.gov.ng/index.php/japr/article/view/309/263> **NIGERIA.**
4. Dele, P. A., **Akinyemi, B. T.,** Amole, T. A., Okukenu, O. A., Sangodele, O. T., Sowande, O. S., Olanite, J. A., Arigbede, O. M. and Jolaosho, A. O. 2017. Effect of manure type and season of harvest on the forage yield, quality and macro-elements of two *Panicum maximum* varieties. ***Nigerian Journal of Animal Science*** 19 (1):265-282. Published by Animal Science Association of Nigeria. Available online at <https://www.ajol.info/index.php/tjas/article/view/163832>. **NIGERIA**
5. **FAkinyemi B.,** Okukenu O., Dele P. A., Jolaosho A. O. and Odebode T. 2019. Proximate and fiber composition of four sorghum cultivars as affected by age at harvest. ***Pacific Journal of Science and Technology*** 20 (1): 316 – 320. <http://www.akamaiuniversity.us/PJST20_1_316.pdf>. **USA.**
6. Dele, P.A., Kasim, O.B., **Akinyemi, B.T.,** Kenneth-Obosi, O., Salawu, F.E., Anotaenwere, C.C., Jolaosho. A.O. And Arigbede, O.M. 2019. Forage yield and nutritive quality of two groundnut (*Arachis Hypogaea L*) varieties as influenced by fertilizer types. [Journal of Agricultural Science and Environment](http://journal.unaab.edu.ng/index.php/JAgSE) 19 (1&2):1-16. Published by the Federal university of Agriculture, Abeokuta. Available online at <https://journal.unaab.edu.ng/index.php/JAgSE/article/view/2011> **NIGERIA**
7. **Akinyemi, B. T**., Babatunde, M. O., Alli, J. A., Ogunsanya, O. A., Jolaosho, A. O., Arigbede, O. M., and Adelusi, O. O. 2020. The effect of drying methods on the chemical composition and *in - vitro* digestibility of some browse plants. ***Nigerian Journal of Animal Production*** 47 (2):271 – 279. <https://njap.org.ng/index.php/njap/article/view/187/157>. **NIGERIA.**
8. Okukenu, O. A., **Akinyemi, B. T**., Dele, P. A., Olajide, A. A., Jolaosho, .A. O., Onifade, O. S. and Fabusoro, E. (2020). Seasonal variations in the chemical composition of grasses harvested from the natural pasture in Ogun state south-western Nigeria. [Journal of Agricultural Science and Environment](http://journal.unaab.edu.ng/index.php/JAgSE). 20(1&2): 65-77. Published by the Federal university of Agriculture, Abeokuta. **NIGERIA**.
9. **Akinyemi, B. T**., Okukenu, O. A., Dele, P. A., Kalenikanse, O. B, Wheto, M., Sanda, F. and Jolaosho, A. O. (2021). Genetic diversity of *Andropogon Species* with different microsatellite markers for better selection and improvement. ***Nigerian Journal of Biotechnology*** 38(2): 109-117. Published by Biotechnology Society of Nigeria. <http://www.ajol.info/index.php/njb/index>. DOI: <https://dx.doi.org/10.4314/njb.v38i2.12>. **NIGERIA.**
10. Okukenu, O. A., Eesuola, A. A., Dele, P. A., **Akinyemi, B. T.,** Amisu, A. A., Onifade, O. S., Jolaosho, A. O., Owuye, O. A. and Adegboyega, S. S. 2021. Chemical composition of *Brachiaria ruziziensis* and *Chloris gayana* as affected by age at harvest. ***Nigerian Journal of Animal Production*** 48(6):312–320. Published by Nigerian Society for Animal Production. <https://doi.org/10.51791/njap.v48i6.3319>. **NIGERIA**.
11. Dele, P. A., **Akinyemi, B. T.,** Okukenu, O. A., Anotaenwere, C. C., Enwete, F. E., Kasim, O. B., Amole, T. A., Sowande, O. S., Olanite, J. A., Arigbede, O. M. and Jolaosho, A. O. (2021). Forage elemental concentrations and ratios of two groundnut (*Arachis hypogaea L*) varieties: effect of fertilizer type.  ***Nigerian Journal of Animal Science***23 (3): 140-150 Published by Animal Science Association of Nigeria. Available online at <https://www.ajol.info/index.php/tjas/article/view/220788>. **NIGERIA.**
12. FOkukenu, O. A., Olajide, A. A., Dele, P. A., Wheto, M., **Akinyemi, B. T**. and Jolaosho, A. O. 2021. Nutritional characteristics of nine *Pennisetum purpureum* varieties as affected by manure type in Southwest Nigeria. ***Agricultura Tropica et Subtropica*** 54(1):209–215. DOI: 10.2478/ats-2021-0022. **CHECH REPUBLIC.**
13. **Akinyemi, B. T**., Dele, P. A., Mozea, K. O., Okukenu, O. A**.**, Babatunde, M. O., Jolaosho, A. O. and Arigbede, O. M. (2022). Effect of drying methods on the anti-nutritional content of selected browse plants in rain forest zone of Nigeria. ***Nigerian Journal of Animal Production*** 49(2):250–256. Published by Nigerian Society for Animal Production***.*** <https://doi.org/10.51791/njap.v49i2.3486> **NIGERIA.**
14. Dele, P.A., Oyewole, S.T., Anotaenwere, C.C., **Akinyemi, B.T**., Badejo, E.D., Odunewu, O. T., Enwete, F.E., Arigbede, O.M., Jolaosho, A.O. and Onifade, O.S. 2022. Nutritive value and forage quality indices of Calopogonium mucunoides- Zea mays stover mixtures for ruminant production. ***Nigerian Journal of Animal Science*** 24 (3): 112-123. Published by Animal Science Association of Nigeria. **NIGERIA**
15. **FYusuf, A. O., Surajudeen, M. O. and Akinyemi, B. T. 2023. Common plant bioactive components adopted in combating gastro- intestinal nematodes in small ruminant- A review. Agricultura scientia 20: No 1: 63-75.** Published by the University Press of the University of Maribor**. DOI:**<https://doi.org/10.18690/agricsci.20.1.7>. **SLOVENIA**
16. **F**Dele P.A., **Akinyemi, B.T..** Anotaenwere, C.C., Enwete, F.E., Kasim, O.B., Amole, T.A., Kenneth-Obosi, O., Sowande, O.S., Arigbede, O.M. and Jolaosho, A.O. 2023. **Effects of fertilizer type on protein and carbohydrate fractions of two varieties of**Arachis hypogaea**fodder. Thai Journal of Agricultural Science** 55(4): 197-210. Published by The Agricultural Science Society of Thailand (Scopus) **THAILAND**.
17. **F**Enwete, F., Dele, P., Anotaenwere, C., **Akinyemi,B**., Aiyesa, O., Awoola, O., Akinyode, J. and Onifade, O. 2023. Nutrient composition, in vitro digestibility, and methane production of two tropical grasses: Effect of grazing frequency and plant spacing. Journal of Central European Agriculture 24. Published by University of Agricultural Sciences and Veterinary Medicine (Letter of acceptance dated March 5, 2023) (Scopus) **CROATIA**.
18. **Akinyemi, B. T,** Dele, P. A., Okukenu, O. A., Babatunde, M. O., Moronfolu, A. I. and Iposu S. O. Nutrient quality and *in-vitro* digestibility of dried cassava peel, mushroom degraded cassava peel and silage from guinea grass. Nigerian Journal of Animal Science 25: No 2 (Letter of acceptance dated June 17, 2023) **NIGERIA**.

**FForeign Journal Articles**

**7. OKUKENU**, Oluwafemi Adeyemi



**Biography**

Dr. **Okukenu** Oluwafemi Adeyemi is a Lecturer in the Department of Pasture and Range Management (PRM), College of Animal Science and Livestock Production (COLANIM), Federal University of Agriculture, Abeokuta (FUNAAB). He graduated at the University of Agriculture, Abeokuta, Nigeria in 2010 with Second Class Upper Degree, and completed his Master’s Degree in Pasture and Range Management in 2014 and Ph.D (Pasture Production and Utilization) in 2017.

Dr. Okukenu is a Forage and Animal scientist with over 10 years of experience in research, teaching, scientific publication, and community engagement. His research expertise covers forage production and utilization, forage conservation, natural resource management, and sustainable agriculture. Dr. Okukenu is passionate about generating feasible solutions to feed challenges in livestock production.

He joined the services of Federal University of Agriculture, Abeokuta as a Lecturer II in 2019; and within this short period he has been carrying out research activities, supervising and training undergraduate students.

He has 31 Publications (both international and local. He has undertaken trainings in AWARD Scientific Writing and Publishing Skills Course for FUNAAB. Dr. Okukenu, Oluwafemi Adeyemi is a member of Animal Science Association of Nigeria (ASAN), Society for Grassland Research and Development in Nigeria (SOGREDEN), British Society of Animal Scientist (BSAS) and is a Registered Animal Scientist (RAS).

He likes reading, meeting people, singing, and watching movies

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**College:** COLANIM

**Department:** Pasture and Range Management

**Rank:** Lecturer I

**Researchgate Address**: Okukenu Oluwafemi Adeyemi

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**Google Scholar Profile**: Okukenu Oluwafemi Adeyemi

**ORCID Number**: 0000-0002-6952-1336

**Qualification**: Doctor of Philosophy

**Membership of Professional Bodies**

Registered Animal Scientist, Nigerian Institute of Animal Science (RAS/01762)

Member, Nigerian Society of Animal Production (NSAP)

Member, Animal Science Association of Nigeria (ASAN).

Member, British Society of Animal Science (BSAS).

Member, Society for Grassland Research and Development in Nigeria (SOGREDEN)

**Award Received**

Departmental Prize awarded to Best Project Student in the Department (PRM, FUNAAB) 2010

**Research Conducted**

1. Botanical composition and nutritive value of dominant pasture species in animal areas.
2. Effect of pastoral Fulani settlements on farming activities and seasonal grass quality.
3. Introduction of concept of grass silage among sedentary pastoralists.
4. Nutritive quality of *Andropogon tectorum* as affected by manure type and age at harvest.
5. Chemical composition of *Brachiaria ruziziensis* as affected by seed rate and fertilizer type.
6. Nutritive quality of *Brachiaria ruziziensis* as affected by manure type and tillers number per stand.
7. Influence of forage proportion and ensiling period on the nutritional qualities of *Brachiaria ruziziensis* and *Stylosanthes hamata* silage.
8. Chemical composition of *Brachiaria ruziziensis* as affected by sowing method and volume of liquid fertilizer.

**Conferences Attended**

45th Conference of Nigerian Society of Animal Production (NSAP), Hosted by Abubakar Tafawa Balewa University, Bauchi and Organized under the Auspices of Nigerian Society for Animal Production. 15-19th March, 2020

**Paper read** by **Okukenu, O. A.,** Dele, P. A., Akinyemi, B. T., Jolaosho, A. O., Olajide, A. A. and Oriola, R. A. Proximate composition of plant parts of *Pennisetum purpureum* harvested at selected locations in Southwest Nigeria.

**Publications**

1. Dele, P. A., Jolaosho, A. O., Arigbede, O. M., Ojo, V. O. A., Amole, T. A., **Okukenu, O. A.** and Akinyemi, B. T. (2013). Chemical Composition and *In Vitro* Gas Production of Silage from Guinea Grass, Cassava Peel and Cashew Apple Waste at Different Periods of Ensilage. ***Pakistan Journal of Biological Sciences.***16(23): 1801-1805, Published by Asian Network for Scientific Information. Available online at <http://scialert.net/qredirect.php?doi=pjbs.2013.1801.1805&linkid=pdf>.
2. Jolaosho, A. O., Dele, P. A., Olanite, J. A., Arigbede, O. M., Ojo, V. O. A., and **Okukenu, O. A.** (2013). Chemical Composition of Silage from Guinea Grass, Cassava Peel, and Brewery Waste as affected by Ensiling Duration. ***The*** ***Pacific Journal of Science and Technology***14(2): 463-467. <http://www.akamaiuniversity.us/PJST14_2_463.pdf>.
3. Muraina, T. O., Olanite, J. A., Ojo, V. O. A., Fasae, O. A., Ewetola, I. A., **Okukenu, O. A.**, and Adebisi, I. A. (2015). Assessment of chemical composition of natural pasture oversown with two *stylosanthes species* for ruminant feeding. ***Tropical Animal Production investigation*.** 18(2): 99-107.Published by Department of Animal Science. ISSN: 1115-2540. <http://animalsci.agric.ui.edu.ng/TAPI/index.php/tapijournal/index>99.
4. Dele P. A., Amole T. A., Akinyemi B. T.,Sangodele O.T., **Okukenu O. A.,** Oyebanjo E. D., Adepoju R. O., Ewetola I. A., Ojo V.O.A. and Olanite J. A. (2016). Physical and chemical characteristics of *Pennisetum purpureum* grass silage as affected by manure type and ensiling duration. ***Journal of Animal Production Research***28(2):37-49. Published by National Animal Production Research Institute Ahmadu Bello University, Zaria, Nigeria. Available online at <http://journals.napri.gov.ng/index.php/japr/article/view/237/189>.
5. Amole T. A., Dele P. A., Ojo V. O. A., Akinyemi B. T., Akinyemi F. I. Akinade G., and **Okukenu O. A**. (2017). Intercropping systems’ productivity of *Brachiaria* *decumbens* with *Stylosanthes* *hamata* and *Stylosanthes* *guianensis* In different planting ratios.***Journal of Animal Production Research***29(1):299-313. Published by National Animal Production Research Institute Ahmadu Bello University, Zaria, Nigeria. Available online at <http://journals.napri.gov.ng/index.php/japr/article/view/309/263>**.**
6. Dele, P. A., Akinyemi, B. T., Amole, T. A., **Okukenu, O. A.,** Sangodele, O. T., Sowande, O. S., Olanite, J. A., Arigbede, O. M. and Jolaosho, A. O. (2017). Effect of manure type and season of harvest on the forage yield, quality and macro-elements of two *Panicum maximum* varieties. ***Nigerian Journal of Animal Science*** 19(1):265-282. Published by Animal Science Association of Nigeria. Available online at <https://www.ajol.info/index.php/tjas/article/view/163832>.
7. Ojo, V. O. A., G.A. Akinade, G. A., Adetokunbo, Lamidi, A. A., Jolaosho, A. O., Aderinboye, R. Y., Amole, T. A., Akinbode, R. M., **Okukenu, O. A.** and O.J. Idowu, O. J. (2017). Silage quality of *Pennisetum purpureum* Schumach. grass mixed with processed *Enterolobium cyclocarpum* (Jacq.) Griseb. seeds at varying proportions as affected by ensiling periods. ***Tropical Agriculture*** (Trinidad) 94(4):362-371. Published by Faculty of Food and Agriculture. University of the West Indices. Trinidad and Tobago. Corpus ID: 201202871**.**
8. **Okukenu, O. A.**, Ogunrombi, O. A., Dele, P. A., Akinyemi, B. T., Onifade, O. S. and Jolaosho, A. O. (2018). Proximate and fibre composition of *Panicum maximum* and *Centrosema molle* silage as affected by different proportions and ensiling periods. ***The Pacific Journal of Science and Technology.***19(1): 264-270. <http://www.akamaiuniversity.us/PJST19_1_264.pdf>.
9. Dele, P. A., Akinyemi, B. T., **Okukenu, O. A.,** Amole, T. A., Akinlolu, A., Sarumi, G., Salawu, F. E. and Anotaenwere, C. (2018). Chemical composition of Panicum maximum as influenced by poultry manure rate and age at harvest. ***The Pacific Journal of Science and Technology.***19(2): 319-325. <http://www.akamaiuniversity.us/PJST19_2_319.pdf>.
10. Oyekunle, T., **Okukenu, O. A.,** Dele, P. A., Aderinboye, O., Olajide, A. A., Ogunrombi,O. A., Jolaosho, A. O. and Adekale, A. O. (2018). Proximate and fibre composition of *Pennisetum purpureum* varieties in *Stylosanthes guianensis* mixed sward fertilized with two manure types. ***The Pacific Journal of Science and Technology.***19(2): 307-313. <http://www.akamaiuniversity.us/PJST19_2_307.pdf>.
11. **Okukenu, O. A.,** Dele, P. A., Akinyemi, B. T., Olajide, A. A., Oluwatoyin Ogunrombi, O. A. and Adekale, A. O. (2018). Botanical composition, dry matter yield, and soil physio-chemical properties of natural grazing areas under sedentary pastoral system at different seasons in South-West Nigeria. ***The Pacific Journal of Science and Technology.***19(2): 295-306. <http://www.akamaiuniversity.us/PJST19_2_295.pdf>.
12. Akinyemi B., **Okukenu O. A,,** Dele P. A., Jolaosho A. O. and Odebode T. (2019). Proximate and fiber composition of four sorghum cultivars as affected by age at harvest. ***The* *Pacific Journal of Science and Technology*** 20(1): 316 – 320. <http://www.akamaiuniversity.us/PJST20_1_316.pdf>.
13. **Okukenu, O**. **A**, P. A. Dele, B. T. Akinyemi, A. A. Olajide, O. S. Onifade, O. A. Ogunrombi, A. O. Adekale, and M. O. Kolade. (2019). “Proximate and Fiber Composition of Different Parts of *Tephrosia bracteolate* as Affected by Phosphorus Application Rate and Sowing Date”. ***The* *Pacific Journal of Science and Technology*.** 20(1):308-315. <http://www.akamaiuniversity.us/PJST20_1_308.pdf>.
14. **Okukenu, O. A.,** Olajide, A. A., Dele, P. A., Wheto, M., Akinyemi, B. T., Jolaosho, A. O., Jokosenumi, B. O. and Shonde, T. J. (2020). Microsatellite markers-based characterisation of elephant grass (*Pennisetum* *purpureum*) harvested from selected locations in South-West Nigeria. ***Nigerian Journal of Biotechnology*** 37(1): 38-45. Published by Biotechnology Society of Nigeria. Available online at <https://www.ajol.info/index.php/njb/article/view/199143>.
15. Oyeleke, A. M., Adeyemi, O. A., Egbeyale, L.T., Obasa, O.A. and **Okukenu, O. A.** (2020). Growth response, organ development and blood indices of growing pullets administered aqueous extracts of *Petiveria alliacea.* ***Archivos de. Zootecnia****.* 69(267): 310-319*.*
16. Anotaenwere, C. C., Dele, P. A., Enwete, F. E., **Okukenu, O. A.,** Akpensuen, T. T., Amole, T. A. and Jolaosho, A. O. (2020). Effect of nitrogen source and phenological stage on the *in vitro* digestibility of Oba Super II maize fodder. ***The*** ***Pacific Journal of Science and Technology***21(2): 320-326. <http://www.akamaiuniversity.us/PJST21_2_320.pdf>.
17. Muraina, T. O., Jimoh, S. O., Ewetola, I. A., Ojo, V. O. A., Amisu, A. A., **Okukenu, O. A.**, Adebisi, Y. A., Muraina, H. A. and Olanite, J. A. (2020). Mineral composition of two Stylosanthes species oversown in natural pasture: effect of tillage practice and sowing method. ***Tropical Animal Health and Production***. 52(5):2753-2759 <https://doi.org/10.1007/s11250-020-02305-7>.
18. **Okukenu, O. A**., Akinyemi, B. T., Dele, P. A., Olajide, A. A., Jolaosho, .A. O., Onifade, O. S. and Fabusoro, E. (2020). Seasonal variations in the chemical composition of grasses harvested from the natural pasture in Ogun state south-western Nigeria. [***Journal of Agricultural Science and Environment***](http://journal.unaab.edu.ng/index.php/JAgSE). 20(1&2): 65-77. Published by the Federal university of Agriculture, Abeokuta.
19. Oyeleke, A. M., Adeyemi, O. A., Egbeyale, L. T., Sobayo, R., Obasa, O. A. and **Okukenu, O. A. (**2021). Growth performance, blood indices and intestinal organ development of pullet chicks administered aqueous extracts of guinea hen weed **(*Petiveria alliacea*). *Slovak Journal of Animal Science****,* 54(1): 21–32.
20. Adeyemi, T. A., Jolaosho, A. O., Dele, P. A., Adekoya, A. T., Oloyede, F. A., Ojo, V. O. A., **Okukenu, O. A**., Amisu, A. A. (2021). Intraspecific pod and seed trait variation of two herbaceous legume seeds in response to competing neighbours and nutrient resource abundance. ***Acta Oecologica***111 (2021) 103741*.* Available online athttps://doi. org/10.1016/j.actao.2021.103741.
21. Dele, P. A., Akinyemi, B. T., **Okukenu, O. A**., Anotaenwere, C. C., Enwete, F. E., Kasim, O. B., Amole, T. A., Sowande, O. S., Olainte, J. A., Arigbede, O. M. and Jolaosho, A. O. (2021). Forage elemental concentrations and ratios of two groundnut (*Arachis hypogaea* L) varieties: effect of fertilizer type. ***Nigerian Journal of Animal Science*** 23 (3): 140-150. Published by Animal Science Association of Nigeria.
22. Oderinwale, O. A., Oluwatosin, B. O., Ogunbayo, Z. A., Toviesi, D. P., **Okukenu, O. A**., Olalere, J. O., Adeyemo, A. J. and Kuye, O. M. (2021). Microbial population, identification and *in vitro* studies of West African Dwarf goats fed diets with or without urea treated corncob. ***Nigerian Journal of Animal Science*** 23 (3): 221-231. Published by Animal Science Association of Nigeria.
23. **Okukenu, O. A.**, Olajide, A. A., Dele, P. A., Wheto, M., Akinyemi, B. T. and Jolaosho, A. O. 2021. Nutritional characteristics of nine *Pennisetum purpureum* varieties as affected by manure type in Southwest Nigeria. ***Agricultura Tropica et Subtropica*** 54(1):209–215. DOI: 10.2478/ats-2021-0022.
24. **Okukenu, O. A.,** Jolaosho, A. O., Onifade, O. S., Amisu, A. A., Oriola, R. A., Oladele, D. J. and Haastrup, A. O. 2021. Chemical composition of leaves and stems of elephant grass (*Pennisetum* *purpureum*)harvested from selected locations in Southwest Nigeria. ***Journal of Animal Production Research***33(1):146-157. Published by National Animal Production Research Institute Ahmadu Bello University, Zaria.
25. **Okukenu, O. A**., Eesuola, A. A., Dele, P. A., Akinyemi, B. T., Amisu, A. A., Onifade, O. S., Jolaosho, A. O., Owuye, O. A. and Adegboyega, S. S. 2021. Chemical composition of *Brachiaria ruziziensis* and *Chloris gayana* as affected by age at harvest. ***Nigerian Journal of Animal Production*** 48(6):312–320. Published by Nigerian Society for Animal Production. [***https://doi.org/10.51791/njap.v48i6.3319***](https://doi.org/10.51791/njap.v48i6.3319).
26. Jolaosho, A. O., Akinola, J. O., **Okukenu, O. A**., Binuomote, R. T. and Odedire, J. A. 2021. Sowing density of herbage and seed production from two Jack bean (Canavalia ensiformis (L.) DC) cultivars. ***Nigerian Journal of Animal Production*** 48(6):304–311. Published by Nigerian Society for Animal Production. Available online at https://doi.org/10.51791/njap.v48i6.3318
27. Akinyemi, B. T., **Okukenu, O. A.,** Dele, P. A., Kalenikanse, O. B, Wheto, M., Sanda, F. and Jolaosho, A. O. (2021). Genetic diversity of *Andropogon Species* with different microsatellite markers for better selection and improvement. ***Nigerian Journal of Biotechnology*** 38(2): 109-117. Published by Biotechnology Society of Nigeria. <http://www.ajol.info/index.php/njb/index>. DOI: <https://dx.doi.org/10.4314/njb.v38i2.12>.
28. Amisu, A. A., Ewetola, I. A., **Okukenu, O. A.**, Jimoh, S. O. and Olanite, J. A. (2022). Influence of phosphorus sources and storage duration on physical characteristics and fibre fractions of *Stylosanthes guianensis* hay. ***Nigerian Journal of Animal Production*** 49(2):215–224. Published by Nigerian Society for Animal Production***.*** [***https://doi.org/10.51791/njap.v49i2.3482***](https://doi.org/10.51791/njap.v49i2.3482)
29. Akinyemi, B. T., Dele, P. A., Mozea, K. O., **Okukenu, O. A.**, Babatunde, M. O., Jolaosho, A. O. and Arigbede, O. M. (2022). Effect of drying methods on the anti-nutritional content of selected browse plants in rain forest zone of Nigeria. ***Nigerian Journal of Animal Production*** 49(2):250–256. Published by Nigerian Society for Animal Production***.*** [***https://doi.org/10.51791/njap.v49i2.3486***](https://doi.org/10.51791/njap.v49i2.3486)
30. **Okukenu, O. A.**, Adekale, A. O., Olajide, A. A., Onifade, O. S. and Alaba Olufunmilayo Jolaosho, A. O. (2022). Chemical composition of two maize varieties at different levels of green manure Application. ***Agricultura Tropica et Subtropica*** 55(1):30–39. DOI: 10.2478/ats-2022-0004
31. **Okukenu, O. A.**, Olajide, A. A., Dele, P. A., Akinyemi, B. T., Amisu, A. A., Jolaosho, A. O., and Onifade, O. S. (2022). Influence of manure application during cultivation on *in vitro* gas and post incubation parameters of nine *Pennisetum purpureum* varieties. ***Nigerian Journal of Animal Science*** 24 (2): 212-220. Published by Animal Science Association of Nigeria.

8. **DR. ADEOYE, SAMSON ADEWALE**



* + 1. **BIOGRAPHY OF DR. ADEOYE, SAMSON ADEWALE**

Dr. Adeoye, Samson Adewale is an Academic Staff in the Department of Pasture and Range Management (PRM), College of Animal Science and Livestock Production (COLANIM), Federal University of Agriculture, Abeokuta (FUNAAB). He graduated from the same Department, with B. Agric, M. Agric and Ph. D degrees in Animal Science with specialization in Forage Science in the years 2004, 2010 and 2019 respectively.

Dr. Adeoye S. Adewale started his career in Ogun-Oshun River Basin Development Authority, Abeokuta as an Agricultural Officer II on 8th June 2011, and rose to the Rank of Principal Agricultural Officer in January 2020, the position he was till January 2023. Because of his passion for teaching and research in his field of study, he joined FUNAAB as an academic staff in the Department of Pasture and Range Management, on 1st February, 2023 as Lecturer II. He handles many assignments at the Departmental level, among which are Undergraduates Coordinator, Departmental Examination Officer Assistant, Departmental Postgraduate Coordinator Assistant, and 500 Level Course Adviser. He is contributing immensely to the growth and wellbeing of the Department, handling courses at both undergraduate and postgraduate levels, and is presently supervising 8 undergraduate students. He relates well with colleagues, students, and other members of staff in the Department.

Dr. Adeoye has also demonstrated good academic leadership. He has co-authored over 10 published articles in reputable local and international journal outlets, and several conference proceedings. His areas of research covered agronomic and nutritional evaluation of forage grasses, legumes, grass-legume mixtures, and hydroponics fodder production. Conserved forages in forms of silage hay and pelletized forage with feed additives were also researched as feed resources for dry season feeding of ruminant animals. He is a member of some professional bodies and a Registered Animal Scientist (RAS).

Dr. Adeoye aims at livestock farmer-friendly research which is channeled towards an increased animal productivity, and farmers’ welfare. Dr. Adeoye is a caring husband and a loving father.

* + 1. **Passport-sized photograph**

**iii. Personal information**

|  |  |  |
| --- | --- | --- |
|  | Name in Full: | ADEOYE, Samson Adewale |
|  | Age: | 47 years |
|  | Place of Birth: | Ibadan, Oyo State |
|  | Sex: | Male |
|  | Marital Status: | Married |
|  | Nationality: | Nigerian |
|  | Town and State of Origin: | Ibadan, Oyo State |
|  | Contact Address: | Department of Pasture and Range Management,  College of Animal Science and Livestock Production,  Federal University of Agriculture,  P.M.B. 2240, Abeokuta. Ogun State, Nigeria. |
|  | Phone Number: | +2348065372159 |
|  | E-mail Addresses: | [saadeoye@funaab.edu.ng](mailto:saadeoye@funaab.edu.ng); [wescoye@gmail.com](mailto:wescoye@gmail.com) |
|  | Present Post | Lecturer II |

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| --- | --- |
| **iv** | **Department:** Pasture and Range Management |
| **v** | **E-mail address:** [saadeoye@funaab.edu.ng](mailto:saadeoye@funaab.edu.ng) |
| **vi** | **Phone number:** +2348065372159 |
| **vii** | **Rank:** Lecturer II |
| **viii** | **Designation:** Lecturer II, Pasture and Range Management |
| **ix** | **Researchgate address:** <https://www.researchgate.net/profile/Samson_Adeoye4> |
| **x** | **LinkedIn address:** <https://www.linkedin.com/in/samson-adewale-adeoye-ph-d-ras-ab5ab217> |
| **xi** | **Google scholar Profile:** <https://scholar.google.com/citations?hl=en&user=_DKrmoMAAAAJ> |
| **xii** | **ORCID Number:** ORCID ID: 0000-0002-7891-1731 |
| **xiii** | **Qualification:** Ph. D in Pasture Production and Utilization |

**xiv** **Membership of Professional bodies**

|  |  |
| --- | --- |
|  | Member, Nigerian Institute of Animal Science (NIAS/RAS/01655) |
|  | Member, Nigeria Society for Animal Production |
|  | Member, Animal Science Association of Nigeria (ASAN/2004/072) |
|  | Society for Grassland Research and Development in Nigeria |

**xv Award Received**

**xvi** **Research conducted**

|  |  |
| --- | --- |
|  | Evaluation of the nutritive quality of grass foliage – browse legume seeds silage as dry season feed for ruminants. |
|  | Effects of access to different legume pastures and its biomass intake on performance and welfare of broilers at different seasons. |
|  | Legume based pellets as dry season feed resources for ruminant animals. |
|  | Multi-nutrient block supplement for dry season goat production. |
|  | Utilization of cashew nut shell liquid as a dietary strategy to manipulate rumen fermentation for improved nutritional performance of ruminants. |
|  | Mitigating the impact of pastoral/nomadic grazing on the natural ecosystem and rural livelihoods in Yewa division of Ogun State. |
|  | Development of novel technologies for utilization of toasted *Enterolobium cyclocarpum* foliage and seeds for dry season feeding of ruminant animals. |
| Viii | Organic hydroponics cereals fodder production technology for sustainable dry season livestock production. |

xvii **Conferences attended**

|  |  |
| --- | --- |
|  | 9th National Conference of the Organic Agriculture Project in Tertiary Institutions in Nigeria (OAPTIN), 11th to 15th November, 2013, at Federal University of Agriculture, Abeokuta, Ogun State, Nigeria.  **Paper presented:** Ojo, V. O. A., Dele, P. A., Olanite, J. A., **Adeoye, S. A**., Ajayi, S. O. and Idowu, O. M. O. 2013. Influence of manure type on the productivity of *Pennisetumpurpureum* under different planting method and age. *Journal of Organic Agriculture and Environment.* |
|  | 1st Organic Agriculture West African Summit and 4th National conference. Titled: *Organic Agriculture and Millennium Development Goal*. University of Agriculture, Abeokuta. November 17-21, 2008.  **Paper** **presented**: Olanite J. A. and **S. A. Adeoye**. 2008. Comparative effect of Organo-mineral and N.P.K fertilizers on the dry matter yield and some chemical constituents of two *Panicum* varieties. 1st Organic Agriculture West African Summit and 4th National conference. In: *Organic Agriculture and Millennium Development Goal*. Aiyelagbe, I.O., Adetunji, M. T and Osei, S. A (eds.) University of Agriculture, Abeokuta. November 17-21, 2008. Pg. 213-215. |

**xviii** **Publications**

|  |  |  |
| --- | --- | --- |
| **(A)** | **Articles in Learned Journal** | |
|  | Ojo, V. O. A**.,** Aina, A. B. J., Arigbede, O. M., Olanite, J. A., Amole, T. A., Anele, Y. U., Dele, P. A., **Adeoye, S. A.** and Idowu, O. J. 2012. Evaluation of agronomic performance and nutritive values of *Tephrosia bracteolata* guill. & per. and *Gmelina arborea* roxb prunnings at different stages of growth. ***Journal of Agricultural Science and Environment,*****12(2)**: 15-25. Published by Federal University of Agriculture, Abeokuta. Available online at https://journal.unaab.edu.ng/index.php/JAgSE/article/view/1388 | |
|  | Ojo, V. O. A**.,** Dele, P. A., Olanite, J. A., **Adeoye, S. A**., Ajayi, S. O. and Idowu, O. M. O. 2013. Influence of manure type on the productivity of *Pennisetum* *purpureum* under different planting method and age. ***Journal of Organic Agriculture and Environment.* 1:** 71-77. Published by Organic Agriculture Project in Tertiary Institutions in Nigeria. http://futospace.futo.edu.ng/xmlui/handle/123456789/2233 | |
|  | Ojo, V. O. A**.,** Dele, P. A., Yusuff, R. B., Olanite, J. A., Jolaosho, A. O., Arigbede, O. M., **Adeoye, S. A**., Amole, T. A. and Hassan O. A. 2014. Biomass yield and nutritive quality of four varieties of *Pennisetum purpureum* as influenced by three cutting intervals in the humid zone of Nigeria. ***Nigerian Journal of Animal Production* 41:** (2) 165-173. Published by Nigerian Society for Animal Production. https://njap.org.ng/index.php/njap/article/view/801 | |
|  | **F** Amole, T. A., Ojo, V., Dele, P. A., Idowu, O. and **Adeoye, A**. 2014. Influence of Undersowing Annual Forage Legumes in Early-Maturing Maize on Grain yield and Quality of Their Forage mixtures. ***African Journal of Range and Forage Science***, **31:1:** 59-64. Published by Grasslands Society of Southern Africa URL: <http://mc.manuscriptcentral.com/tarf> **(Indexed in Scopus)** | |
|  | Idowu, O. J., Arigbede, O. M., Olanite, J. A., Adedire, M. O. , **Adeoye, S. A**., Adelusi, O. O., Amole, T. A. and Ojo, V. O. A. 2014. Effect of organic manure on growth and proximate composition of *Treculiaafricana* var. decne seedlings. *Nigerian Journal for Animal Production 41 (1): 197 – 204.* Published by Nigerian Society for Animal Production. | |
|  | Ojo V. O. A., Ogunsakin A. O., Dele P. A., OlaniteJ. A., **AdeoyeS. A**., AmoleT. A., AdelusiO. O. and OnifadeO. S. 2015. Yield and chemical composition of Pennisetum hybrid fertilized with animal manures and harvested at different intervals. ***Malaysian Journal of Animal Science* 18(2): 65-80. Publisher: Malaysian Society of Animal Production.** [www.msap.my/pdf/mjas\_18\_2/7.Ojo-yield\_r4.pdf](http://www.msap.my/pdf/mjas_18_2/7.Ojo-yield_r4.pdf) | |
|  | Oke F.O., Fafiolu A.O., Jegede A.V., Oduguwa O.O., **Adeoye S.A**., Olorunisola R.A. , Oso A.A., Onasanya G.O., Adedire A.O., Muhammed A.I. 2015. Performance and nutrient utilization of broilers fed malted sorghum sprout (msp) or wheat-offal based diets supplemented with yeast culture and enzyme. *Online J. Anim. Feed Res*., 5(3): 78 - 84.  Scienceline/Journal homepage <http://www.science-line.com/index/> ;<http://www.ojafr.ir> | |
|  | Ojo, V.O.A., Jolaosho, A.O., Onifade, O.S., Amodu, J.T., Olanite, J.A. Arigbede, O.M., Anele, U.Y., **Adeoye, S.A**., Dele, P.A. and Amole, T.A. 2016. Dry matter yield, botanical and chemical composition of natural forages of the south western Nigeria as influenced by topography, land use and season. ***Journal of Animal Production Research*,**28(1):138-150 Published by Animal Production Research, Institute. www.researchgate.net › publication › 330289287\_DRY. | |
|  | **F** Ojo, V. O. A.,E. D. Oyebanjo, O. T. Opayemi, S. O. Mustapha, O. O. Adelusi, **S. A. Adeoye**, U. Y. Anele, A. O. Ogunsakin, A. O. Jolaosho and O. S. Onifade. 2016. Effects of seasonal changes on the nutritive quality of *Moringa oleifera* and *Panicum maximum* silage. ***Slovak Journal of Animal Science***49, (2): 76–84. Published by Slovak Republic Association of Animal Science. [www.cvzv.sk/index.php/en/slovak-journal-of-animal-science](http://www.cvzv.sk/index.php/en/slovak-journal-of-animal-science) | |
|  | **F** Ojo, V.O.A**.,** **Adeoye, S.A**., Oni, A.O., Adelusi, O.O., Yusuf, K.O., Jolaosho, A.O., Olanite, J.A. and Onifade, O.S. 2017. Nutritive value of processed feed resources from natural pastures within South-West, Nigeria. ***Archivos de Zootecnia,*** 66 (256): 469-474.Published by University of Corboda, Spain. https://www.redalyc.org/pdf/495/49553571001.pdf **(Indexed in Scopus)** | |
|  | **F** Ojo V. O. A**.,** Olanite J. A., Jolaosho A. O., Muraina T. O., Otaru E. T. and **Adeoye S. A**. 2019. Physical characteristics, microbial contents and chemical composition of silages produced from improved natural pasture with or without additives. ***Bulletin of Animal Health and Production in Africa,***67, 265-276. Published by African Union Inter-African B*urea*u for Animal Resources, ILRI. Kenya. | |
|  | **F**Adeyemi T. A. , **Adeoye S. A**., Ogunyemi T. J. , Adedeji E. A. , Oluyemi B., Ojo V. O. A. 2020. Comparisons of nutrient solutions from organic and chemical fertilizer sources on herbage yield and quality of hydroponically produced maize fodder. *Journal of plant nutrition* 2020 v.44 no.9 <https://doi.org/10.1080/01904167.2020.1845382> | |
|  | Ojo, V. O. A**.**, O. O. Adelusi, O. J. Idowu, **S. A. Adeoye**, R. O. Tanimowo, D. K. Oyaniran and T. A. Adeyemi. 2022. Effects of anti-nutritional contents of legume on pellets quality, intake and rumen microbial community of rams fed *Megathyrsus maximus.* ***Applied Tropical Agriculture.*** 27 (2): 1 – 7. Published by School of Agriculture, Federal University of Technology, Akure, Nigeria. | |
| ***F*** *Articles published in foreign journals* | |
| **(B)** | ***Referred Conference Proceedings*** |
|  | **S. A. Adeoye**, J AOlanite, V O A Ojo**,** A O Taiwo, A Adetona, S O Ogundele. 2015. Growth parameters of *Arachispintoi* as affected by fertiliser treatment. In: S Athanasiadou *et al.* (Eds.). Advances in Animal Biosciences. Proceedings of the British Society of Animal Science***,*** Science with Impact held in Chester, UK, 14-15 April, 2015. Pp 110. |
|  | **S. A. Adeoye**, J. A.Olanite, V. O.AOjo**,** O S Onifade, F O Oke, R O Folarin, A AOgunsusi, O M Bada. 2015. Evaluation of fertiliser treatment and harvesting age on proximate composition of *Arachis pintoi*In: S Athanasiadou*et al.* (Eds.). Advances in Animal Biosciences. Proceedings of the British Society of Animal Science, Science with Impact held in Chester, UK, 14-15 April, 2015. Pp 109. |
|  | Olanite, J.A., **S. A. Adeoye**, V.O.A. Ojo, T.A. Amole, P.A. Dele, K.A. Ike, S.O. Ogundele, O.J. Bolaji, B.T. Ogunlolu 2011. Estimation of the dry matter and botanical composition of the natural pastures in south west Nigeria. In: S. R. Feldman, G. E. Oliva and M. B. Sacido (eds). *Diverse Rangelands for a sustainable society*. Proceedings of the IX International Rangeland Congress, Rosario, Argentina, April 2-8, 2011, Pg 302. Published by INTA, Argentina. |
|  | **Adeoye S. A.,** V. O. A. Ojo, J. A. Olanite, P.A. Dele, T.A. Amole, O. J. Bolaji, Ike K. A, Ogundele S. O, and B. T. Ogunlolu. 2011. Effects of grass spacing and time of sowing legume on dry matter yield and legume seed production of *Brachiaria decumbens*– *Tephrosia bracteolata* pasture. In: A.A. Adenji, E.A. Olatunji and E.S. Gana (eds.). *Value re-orientation in animal production: A key to national food security and stable economy*, Proceedings of the 36th Annual Conference of Nigerian Society for Animal Production, Abuja, 13th -16th March, 2011, (NSAP).13th – 16th March, 2011, University of Abuja, Nigeria. Pg. 492-494. |
|  | Olanite J. A. and **S. A. Adeoye**. 2008. Comparative effect of Organo-mineral and N.P.K fertilizers on the dry matter yield and some chemical constituents of two *Panicum* varieties. 1st Organic Agriculture West African Summit and 4th National conference. University of Agriculture, Abeokuta. November 17-21, 2008. Pg. 213-215. |

**9.**

**9. DR. A. A . AMISU**

**ABRIDGED PROFILE/BIOGRAPHY OF DR. AMISU, AHMED ADEYEMI**

**1.**



**Email**: [amisuaa@funaab.edu.ng](mailto:amisuaa@funaab.edu.ng)

**Organization**: Federal University of Agriculture, Abeokuta **College:** College of Animal Science and Livestock Production **Department:** Department of Pasture and Range Management **Rank:** Lecturer II

**Amisu**, Ahmed Adeyemi hails from Ijebu-Isiwo in Ogun State, Nigeria, he is a Lecturer in the Department of Pasture and Range Management (PRM), College of Animal Science and Livestock Production (COLANIM), Federal University of Agriculture, Abeokuta (FUNAAB). While joining the services of Federal University of Agriculture, Abeokuta as an Assistant Lecturer in 2019; he has been carrying out research activities, supervising and training undergraduate students.

He graduated at the Federal University of Agriculture, Abeokuta, Nigeria in 2014 with Second Class Honours Degree (Upper Division), completed his Master’s Degree in Pasture and Range Management in 2017, and bagged his Ph.D. degree in 2023. He is an expert in Pasture Agronomy and Forage Science with zeal for Forage Production and Utilization.

To his credit, he won Federal Government Scholarship Board (FSB) Award for his M. Agric programme in Pasture production and utilization at Federal University of Agriculture Abeokuta in 2016, he was also decorated with a Leadership Award by the postgraduate students’ association (PGSA), Federal University of Agriculture, Abeokuta in 2017.

His research interest includes agronomy of pasture plants, production and evaluation of plants with forage potentials, Forage Conservation, utilization and pasture ecology; he has 10 journal Publications and 11 Conference Proceedings (both international and local).

Dr. Amisu Ahmed is a member of:

1. Nigerian Institute of Animal Science (NIAS)
2. Nigerian Society for Animal Production (NSAP)
3. Society for Grassland Research and Development in Nigeria (SOGREDEN)
4. Member, Animal Science Association of Nigeria (ASAN)

He is a lover of learning, teaching and counselling while he also enjoys adventures

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3. Amisu Ahmed Adeyemi, Ogun State (Ijebu Isiwo).

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6. 08052056564, 08023170853

7. Lecturer II

8. Lecturing .. Pasture Agronomy, Production and Utilization

9. https://www.researchgate.net/profile/Ahmed-Amisu

10. Amisu Ahmed (RAS)

11. **Ahmed Amisu**

amisuaa@funaab.edu.ng

12. ORCID ID: 0000-0003-3860-1920

13. Doctor of Philosophy (Pasture production and Management) 2023

Masters of Agriculture (Pasture production and utilization) 2017

Bachelor of Agriculture (Pasture and Range Management) 2014.

14. i. Registered Member, Nigerian Institute of Animal Science (RAS/02315)

ii. Member, Nigerian Society of Animal Production (NSAP)

iii. Member, Animal Science Association of Nigeria (ASAN)

v. Member, Society for Grassland Research and Development in Nigeria (SOGREDEN)

15.

|  |  |
| --- | --- |
| POSTGRADUATE STUDENTS’ASSOCIATION (PGSA), FUNAAB. |  |
| Leadership Award | 2017 |
| FEDERAL MINISTRY OF EDUCATION |  |
| Federal Government Scholarship Award (Post-graduate, M.agric) | 2016 |

16. Year-round Hay Production for Improved Cattle Feeding in Nigeria

Influence of phosphorus sources and sowing methods on productivity and nutritive quality of fresh biomass and hay of two Stylosanthes species.

Influence of phosphorus sources, Application rates and sowing methods on the nutritive quality of *Stylosanthes hamata*

• Physical characteristics and fibre fractions of hay made from *Stylosanthes guianensis* as influenced by phosphorus sources and storage duration.

• *In vitro* gas production study of two *Panicum maximum* varieties as affected by manure types

* 1. 17. 4th Biennial Conference of Society for Grassland Research and Development (SOGREDEN) in Port Harcourt, Nigeria. November 7th- 10th, 2021.

**Paper read:** Amisu A. A., Ewetola, I. A., Jimoh, S. O., Okukenu, O. A. and Olanite, J. A**.** Influence of phosphorus fertilizer and storage duration on Proximate composition of hay made from *Stylosanthes guianensis*

* 1. 2nd Biennial Conference of Society for Grassland Research and Development (SOGREDEN) in Abeokuta, Nigeria. December 6th – 9th, 2017.

**Paper read:** Amisu, A. A., Jimoh, S. O., Ewetola, I. A., Olanite, J. A., Ojo, V. O. A. and Usman, S. Proximate composition of stem component of two *Panicum maximum* varieties as influenced by animal manures.

## 17. 10 Journal Articles and 11 Conferences proceedings (local and foreign)

## Journal Articles

1. **F**Jimoh, S. O., Adeleye, O. O., Dele, P. A., **Amisu, A. A.,** Olalekan, Q. O., Jolaosho, O. A. and Olanite, J. A. (2017). Behaviour of White Fulani calves grazing Panicum/stylo pasture is southwest Nigeria. ***Applied Animal Behaviour Science*.** 193: 1-6**. Elsevier B.V. publishers**. <http://dx.doi.org/10.1016/j.applanim.2017.03.007>. (PA). Indexed in Scopus, Thompson and Scimago.
2. **F**Jimoh, S. O., Adeleye, O. O., **Amisu, A. A.,** Ojo, V. O. A. and Olanite, J. A. (2018). Biting rate of White Fulani calves as influenced by spatial distribution of pasture biomass and sward height. ***Slovak Journal of Animal Science*.** 51(1): 20 – 31.
3. Ewetola, I. A., Ojo, V. O. A, **Amisu, A. A**., Dele, P. A. and Olanite, J. A. (2018). Comparative performance of fertilizer types on growth, yield of *Panicum maximum* var. Ntchisi (Jacq) and *Andropogon tectorum* during early rainy season in Abeokuta Southwest, Nigeria. ***Nigerian Journal of Animal. Science,*** 20 (4): 504-512.
4. **F**Jimoh, S. O., **Amisu, A. A.,** Dele, P. A., Ojo, V. O. Adeyemi, T. A. and Olanite, J. A., (2019). Effects of animal manures and cutting height on chemical composition of two *Panicum*

*maximum* varieties (Local and Ntchisi) harvested at different stages of growth. ***Pertanika Journal of Tropical Agriculture Science***. 42 (1): 359-376. Indexed in Scopus, Thompson and Scimago.

1. **Amisu, A. A.,** Jimoh, S. O., Ewetola, I. A., OJO, V. O. A, and Olanite, J. A. (2019). Growth features, yield and botanical composition of *Stylosanthes hamata* (Cv. Verano) as affected by phosphorus sources applied at varying rates, sowing methods and stage of growth. ***Journal of Animal Production Research***. 31(2); 179-193.
2. Muraina, T. O., Jimoh, S. O., Ewetola, I. A., Ojo, V. O. A., **Amisu, A. A.,** Okukenu, O. A., Adebisi, Y. A., Muraina, H. A. and Olanite, J. A. (2020). Mineral composition of two Stylosanthes species oversown in natural pasture: effect of tillage practice and sowing method. ***Tropical Animal Health and Production***. 52(5):2753-2759.
3. Ewetola, I. A., **Amisu, A. A**., Jimoh, S. O., Muraina, T. O., Olanite, J. A, and Arigbede, O. M. (2020). Impact of fertilizer types on the nutritive quality of two tropical grass species harvested at different stages of growth during wet season. ***Nigerian Journal of Animal Production*.** 47

(3): 309-322. Published by Nigerian Society for Animal Production.

1. Ewetola, I. A, Adeyemi, B. E., **Amisu A. A**., Jimoh, S. O., Muraina, T. O. Adeyemi T.A and Olanite, J. A. (2021). Hay quality as influenced by fertilizer types, grass species and age at harvest during wet season in Abeokuta, sub-humid zone of Nigeria. ***Nigerian journal of Animal Science***. 23 (3): 126-139.
2. **F**Samaila U., Jimoh S. O., **Amisu A. A**., Dele P. A., Olanite J. A, and Yuying S. (2021). Ensilage potential and nutritional value Columbus grass (*Sorghum almum* parodi) at different phenology and storage duration in the derived savanna zone of Nigeria. ***Grassland Science***. 68 (2), 174-186. .DOI: 10.1111/grs.12355. Indexed in Scopus, Thompson and Scimago.
3. **Amisu, A. A**., Ewetola, I. A., Okukenu, O. A**.**, Jimoh, S. O. and Olanite, J. A. (2022). Influence of phosphorus sources and storage duration on physical characteristics and fibre fractions of *Stylosanthes guianensis* hay. ***Nigerian Journal of Animal Production*** 49 (2):215–224. Published by Nigerian Society for Animal Production***.*** [***https://doi.org/10.51791/njap.v49i2.3482***](https://doi.org/10.51791/njap.v49i2.3482)

## \*F Foreign Journal Articles

**a. CONFERENCE PROCEEDINGS**

1. J. A. Olanite, S. O. Jimoh, P. A. Dele, M. A. Ademuyiwa, **A. A. Amisu,** F. O. Shewu and O.

M. O. Idowu. (2013). Chemical composition of *Panicum maximum* (Local and Ntchisi) as affected by manure type, defoliation time and height. In: J. J. Atungwu, T. T. Joseph-Adekunle,

O. S. Sakariyawo, T. O. Fabunmi, F. A. Olowekere and P. M. Olorunmaiye (eds). Organic Agriculture for National Food Security, Conservation of Biodiversity and Climate Change Adaption. ***Proceedings of the 9thNational Conference on Organic Agriculture in Nigeria (OAPTIN)****;* Federal University of Agriculture, Abeokuta, Ogun State, Nigeria; November 11th – 15th, 2013. Pp 175 – 182. Published by OAPTIN.

1. Jimoh, S. O., Olanite, J. A., Mustapha, S. O., Oladepo, O., **Amisu, A. A.** and Sotimehin, O. A. (2015). Proximate composition of the morphological fractions of *Panicum maximum* varieties as affected by age in the derived savanna of Nigeria. In: J. A. Olanite, O. S. Onifade and A. O. Jolaosho (eds). Towards A Sustainable Utilization of Forage and Grassland Resources for Improved Livestock Production in Nigeria. ***Proceedings of the Biennial Conference of Society for Grassland Research and Development in Nigeria (SOGREDEN)****;* Federal University of Agriculture, Abeokuta, Ogun State, Nigeria; December 6th – 9th, 2015. Pp 83-85. Published by Society for Grassland Research and Development in Nigeria (SOGREDEN).
2. **Amisu, A. A**., Olanite, J. A., Dele, P. A., Jimoh, S. O**.,** and Ademuyiwa, M. A. (2015). Effects of manure type on the *In Vitro* gas production of two Panicum varieties. In: J. A. Olanite, O. S. Onifade and A. O. Jolaosho (eds). Towards A Sustainable Utilization of Forage and Grassland Resources for Improved Livestock Production in Nigeria. ***Proceedings of the Biennial Conference of Society for Grassland Research and Development in Nigeria (SOGREDEN)****;* Federal University of Agriculture, Abeokuta, Ogun State, Nigeria; December 6th – 9th, 2015. Pp 86-87. Published by Society for Grassland Research and Development in Nigeria (SOGREDEN).
3. **Amisu, A. A**., Olanite, J. A., Dele, P. A., Jimoh, S. O., Ademuyiwa, M. A., Shewu, F. O. and Bello-Ibiyemi, A. A. (2016). *In vitro* gas production of *Panicum maximum* as influenced by cutting height and stage of growth. In: A. S. Chaudry, S.Chikunya, J. Flockhart. J. Gibbons, J.

G. M. Houdijk, A, Kelly, D. A. Kenny, S. C. Mansbridge, R. W. Mayes, D. M. Nash, J. A. Rooke, M. T. Rose, M. A. Steele, B. T. Wolf and S. Wood (eds). Advances in Animal Biosciences: Animal Science for a sustainable future. ***Proceedings of the British Society of Animal Science in association with AHDB****,* Chester, UK, April 6-7, 2016. Pp 132. Published by Cambridge University Press. UK. Published by BSAS.

1. **Amisu, A. A**., Jimoh, S. O., Ewetola, I. A., Olanite, J. A., Ojo, V. O. A. and Usman, S. (2017). Proximate composition of stem component of two *Panicum maximum* varieties as influenced by animal manures. In: P. A. Dele, O. S. Onifade and J. A. Olanite (eds). Grassland: Opportunities and Challenges for Livestock Production in Nigeria. ***Proceedings of the 2nd Biennial Conference of Society for Grassland Research and Development in Nigeria (SOGREDEN****);* Federal University of Agriculture, Abeokuta, Ogun State, Nigeria; December 6th – 9th, 2017. Pp 108-110. Published by Society for Grassland Research and Development in Nigeria (SOGREDEN).
2. Kolade, M. O., **Amisu, A. A**., Jimoh, S. O., Dele, P. A., Ewetola, I. A., Ogunbote, O. B. and Olanite, J. A. (2017). Effect of cutting height on some macro mineral content of leaf components of two Panicum varieties. In: P. A. Dele, O. S. Onifade and J. A. Olanite (eds). Grassland: Opportunities and Challenges for Livestock Production in Nigeria. ***Proceedings of the 2nd Biennial Conference of Society for Grassland Research and Development in Nigeria (SOGREDEN)****.* Federal University of Agriculture, Abeokuta, Ogun State, Nigeria; December 6th – 9th, 2015. Pp 97-99. Published by Society for Grassland Research and Development in Nigeria (SOGREDEN).
3. Jimoh, S. O., Olanite, J. A., Adeleye, O. O., **Amisu, A. A.,** Ojo, V. O. A. and Usman, S. (2017). Gas production potential of simulated grass/legume mixture grazed by White Fulani calves in a short-term grazing trial. In: P. A. Dele, O. S. Onifade and J. A. Olanite (eds). Grassland: Opportunities and Challenges for Livestock Production in Nigeria. ***Proceedings of the 2nd Biennial Conference of Society for Grassland Research and Development in Nigeria (SOGREDEN)****;* Federal University of Agriculture, Abeokuta, Ogun State, Nigeria; December 6th – 9th, 2015. Pp 127-129. Published by Society for Grassland Research and Development in Nigeria (SOGREDEN).
4. **A. A. Amisu**, J. A. Olanite, S.O Jimoh, M. B Olaniyi, I. A Ewetola (2018). Proximate composition of *Stylosanthes hamata* as influenced by phosphorus sources and methods of propagation. **BSAS/WPSA Conference** – ***Innovation to compete in the global livestock industry Croke Park***, [Jones’ Road, Drumcondra, Dublin 3, Ireland](https://maps.google.com/?q=Jones%E2%80%99%2BRoad%2C%2BDrumcondra%2C%2BDublin%2B3%2C%2BIreland&entry=gmail&source=g) 9 - 11 April 2018. Volume 9 part 1, page 197. Published by BSAS.
5. S. O. Jimoh, **A. A. Amisu**, O. O. Adeleye, V. O. A Ojo, S. Usman, J. A. Olanite. (2018). Regrowth potential of a grass/legume mixture in response to short-term grazing trial. **BSAS/WPSA Conference** – ***Innovation to compete in the global livestock industry Croke Park,*** [Jones’ Road, Drumcondra, Dublin 3, Ireland](https://maps.google.com/?q=Jones%E2%80%99%2BRoad%2C%2BDrumcondra%2C%2BDublin%2B3%2C%2BIreland&entry=gmail&source=g) 9 - 11 April 2018. Volume 9 part 1, page. Published by BSAS.
6. **Amisu, A. A**., Okukenu, O. A**.,** Ojo, V. O. A. and Olanite, J. A. (2020). Effect of phosphorus sources and sowing methods on the fibre fraction of *Stylosanthes guianensis*. In Brameld J.M. *et al*. (Eds.). The Challenge of Change. ***The Proceedings of the British Society of Animal Science, 76th Annual Conference, held at the East Midlands Conference Centre (EMCC)***, Nottingham on 30 March - 1 April. Pg. 46. U.K. Published by BSAS.
7. Okukenu, O. A**.,** Dele, P. A. Akinyemi, B. T., Olajide, A. A. Jolaosho, A. O., **Amisu, A. A.** and Oladele, D. J. (2020). Mineral contents of plant parts of *Pennisetun purpureum* harvested from selected location in South-west Nigeria. In Brameld J. M. *et al*. (Eds.). The Challenge of Change. ***The Proceedings of the British Society of Animal Science, 76th Annual Conference, held at the East Midlands Conference Centre (EMCC)***, Nottingham on 30 March - 1 April. Pg. 145. UK. Published by BSAS.

**10. MR. O. B. OGUNBOTE**

****

**BRIEF BIOGRAPHY**

Ogunbote, Oluwamuyiwa Babajide joined the Department of Pasture and Range Management (PRM) at the College of Animal Science and Livestock Production (COLANIM) within the Federal University of Agriculture, Abeokuta (FUNAAB) as an Assistant lecturer on the 14th of March, 2023. Since joining the department, have been involved in carrying out research activities, supervising and training undergraduate students. Graduated in 2014 with Second Class (lower division), proceeded for his Postgraduate Diploma Degree and Master of Agriculture Degree respectively which was successfully completed in 2021. Currently pursuing his Ph.D. studies with a notable emphasis on Forage Production and its Utilization. His research interests are focused on a variety of areas which include, pasture agronomy, cultivation and evaluation of plants with forage potential, Forage Conservation and their utilization. A member of the Society for Grassland Research and Development in Nigeria (SOGREDEN), and beyond academic and professional endeavors, I possesses a strong passion for learning, teaching, offering guidance, and embarking on adventures.

**PERSONAL INFORMATION.**

1. Name in full: OGUNBOTE Oluwamuyiwa Babajide
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3. Present Post and Salary: Assistant Lecturer

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**LINKEDLIN**: www.linkedin.com/in/oluwamuyiwa-ogunbote-2a618928a

**GOOGLE** SCHOLAR PROFILE: https://scholar.google.com/citations?user=ku1JdzkAAAAJ&hl=en

**ORCID** **NUMBER**: https://orcid.org/my-orcid?orcid=0009-0001-2413-5191

**QUALIFICATION**: B.AGRIC, M.AGRIC, Ph.D in-view

**MEMBERSHIP**: Member, Society for Grassland Research Development in Nigeria.

**AWARD** **RECEIVED**: NIL

**CONFERENCE** **ATTENDED**: 2nd Biennial conference for Society for Grassland Research and Development in Nigeria, December 6-19, 2017. Postgraduate School, Federal University of Agriculture, Abeokuta. Theme: Towards a sustainable utilization of forage and grassland resources for improved livestock production in Nigeria.

**PUBLICATIONS**: Articles in Learned Journals

1. Ojo, V. O. A., **Ogunbote, O. B.,** Ogunsakin, A. O., Adelusi, O. O. and Olanite, J. A. (2016). Influence of sole grasses and grass-legume mixtures on quality estimation using *in vitro* gas production technique. *Journal of Animal Production Research, 28*(2):28-36.
2. **Ogunbote, O.,** Arigbede, O., Adeyemi, T., Ojo, V. and Fasae, O. (2021). Supplementing *Megathyrsus maximus* with seeds and whole pods of *Enterolobium cyclocarpum* reduced *in vitro* CH4 gas emissions. Animal - Science Proceedings, 12(1), 132.
3. Ojo, V. O. A., Nukasi, I. G., Jolaosho, A. O., Arigbede, O. M., Olanite, J. A., Dele, P. A., Adeoye, S. A., **Ogunbote, O. B.** and Ogunsakin, A. O. (2015): Effects of storage on the nutritive quality of grass-legume mixtures in South-western Nigeria. *The proceedings of the British Society of Animal Science constitute summaries of papers presented at the Society’s Annual Conference*, *Science with Impact* held in Chester, UK, 14-15 April, 2015. 114p.
4. Ojo, V. O. A., Adeoye, S. A., **Ogunbote, O. B.,** Nukasi, I. G., Olanite, J. A., Amole, T. A., Dele, P. A., Adelusi, O. O. and Mustapha, S. O. (2014). Chemical composition and *in vitro* gas production of grass-legume forages mixtures at different proportion. In: O.A. Adebiyi, O.A. Ogunwole, O.J. Babayemi, E.A. Iyayi (Eds.)**.** Value addition in the Nigerian livestock industry: a strategy for economic growth and stake holder’s empowerment. Book of Abstracts of the 3rd ASAN-NIAS Joint Annual Meeting, September 7-11, 2014, International Conference Centre, University of Ibadan, Ibadan. Pp 34.
5. Adeyemi, T. A., Dele, P. A., Okukenu, O. A., Akinyemi, B.T., Olusina, O.P., Sangodele, O.T. and **Ogunbote, O. B. (**2017). Chemical composition of F1 Pennisetum hay as affected by manure type and storage media. In: Dele, P.A., Onifade, O.S. and Olanite, J.A. (eds) Grassland: Opportunities and Challenges for livestock production in Nigeria. *Proceedings of the 2nd Biennial Conference of Society for Grassland Research and Development in Nigeria* (SOGREDEN), 29th October - 1st November, 2017 held at Federal University of Agriculture, Abeokuta. Pp 91-93.