

DR. (MRS.) IDOWU, Oluwaseun Janet



Name: Idowu, Oluwaseun Janet (Ph.D)

Status: Senior Lecturer

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Other links: <https://www.linkedin.com/in/oluwaseun-idowu-ph-d-8b81b35b/>; <https://www.researchgate.net/profile/Oluwaseun-Bolaji>

I came from Ibadan, Oyo State, Nigeria. I have worked in several places such as Farm Fresh Limited Ikorodu as Farm Supervisor; Newcastle University, United Kingdom as Demonstrator; and Federal University of Agriculture Abeokuta as Junior Research Fellow, Assistant Lecturer, Lecturer 11 and 1 and currently as a Senior Lecturer with over twelve years' experience.

My areas of expertise/research includes:

- Nutritional evaluation of 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
- Provision of year round feed for ruminant animals through the investigation of lesser known plants and improvement of low quality feeds using aerobic and anaerobic fungi.
- Reduction of methane gas production in ruminant animal through the use of metabolites containing forages and manipulation of feed and feedstuffs.
- Carrying out digestibility trials through *in vivo*, *in sacco* and *in vitro* techniques to determine nutrient intake, body weight, nutrients digestibility/degradability, effective digestibility/degradability, nutritive value and the calculations that goes along with it.
- Grass/legume pastures for sustainable feed production.
- Biological improvement of low quality forages.
- Rumen anaerobic fungal isolation and identification as possible cellulolytic degraders in the rumen using microbial and molecular biology techniques.
- Rumen microbial investigation.
- Data recording, data entering into excel, data analyses using Minitab or SAS statistical package and interpretation of the analysed results.
- Paddock layout and establishment with different forages i.e. grasses, legumes and multipurpose trees as well as silage (bunker silo) and hay production.

Current research interest:

The use of aerobic (as lignin degraders in feeds) and anaerobic fungi (passing it directly into the rumen and investigating it in silages) in improving the nutritive quality of selected matured forages and crop residues.

CURRICULUM VITAE OF DR. MRS. OLUWASEUN J. IDOWU

01. PERSONAL

- i. Name: **IDOWU**, Oluwaseun Janet (Nee Bolaji)
- ii. Date of Birth: 3rd March, 1983
- iii. Place of Birth: Ibadan, Oyo State
- iv. Age: 38years
- v. Sex: Female
- vi. Marital Status: Married
- vii. Nationality: Nigerian
- viii. Town & State of Origin: Ibadan, Oyo State
- ix. 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.
- x. Phone Number: +2348037529275, +447520225584
- xi. E-mail Address: idowuoj@funaab.edu.ng; seunbolaji077@yahoo.com,
ORCID ID: 0000-0001-9878-9123
- xii. Present Post and Salary: CONUASS 05/Step 01
- xiii. Post on Promotion: Senior Lecturer

02. EDUCATIONAL BACKGROUND

a. Educational Institutions Attended

- | | Dates |
|---|-----------|
| i. Newcastle University, Newcastle Upon Tyne, UK | 2014-2019 |
| ii. Federal University of Agriculture, Abeokuta, Ogun State | 2009-2011 |
| iii. University of Agriculture, Abeokuta, Ogun State | 2003-2008 |
| iv. Federal College of Education, Osiele, Ogun State | 1999-2002 |
| v. Queens School Ibadan, Apata, Ibadan, Oyo State | 1996-1998 |
| vi. St. Gabriel Commercial School, Ibadan, Oyo State | 1993-1995 |

b. Academic and Professional Qualifications with dates:

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| i. Ph.D (Ruminant Nutrition/Forage Science) | April, 2019 |
| ii. M. Agric. (Pasture Production and Utilization) | May, 2011 |
| iii. B. Agric. (Hons.) (First Class Division) | January, 2008 |
| iv. N.C.E. Cert. (Agricultural Education) (Upper Credit) | December, 2002 |
| v. West Africa School Certificate 'O' Level | June, 1998 |

c. Prizes, Honours, Scholarships, National and International recognition

- i. Senate Award for First Class Students, Department of Pasture and Range Management (2008)
- ii. University of Agriculture Graduate Fellowship (2008)
- iii. Postgraduate Tuition Scholarship for First Class Students in the University (2009)
- iv. Tertiary Education Trust Fund (TETFund), Academic Staff training and Development (AST&D) Intervention Grant to Pursue Ph.D. programme at the United Kingdom (2014 – 2019)

03. WORK EXPERIENCE	RESPONSIBILITY	DATES
Department of Pasture & Range Management, Federal University of Agriculture, Abeokuta	Senior Lecturer	Jan 2021 – till date
Department of Pasture & Range Management, Federal University of Agriculture, Abeokuta	Lecturer I	Oct, 2017 – Dec 2020
Department of Pasture & Range Management, Federal University of Agriculture, Abeokuta	Lecturer II	Oct, 2014 – Sept 2017
Department of Pasture & Range Management, Federal University of Agriculture, Abeokuta	Assistant Lecturer	May 24, 2011 – Sept, 2014
Department of Pasture & Range Management, Federal University of Agriculture, Abeokuta	Junior Research Fellow	April 2009 – May, 2011
Farm Fresh Limited, Ikorodu, Lagos State	Farm Supervisor (NYSC)	March 2008- March 2009

b) UNIVERSITY TEACHING EXPERIENCE

Course Code	Course title	Unit	No of students	No of lecturers
2009/10 Session				
AGP 597	Seminar I	1	64	5
AGP 598	Seminar II	1	64	5
FMP 301	Farm Practice I	2	723	11
FMP 302	Farm Practice II	2	723	11
2010/11 Session				
AGP 597	Seminar I	1	36	5
AGP 598	Seminar II	1	36	5
FMP 301	Farm Practice I	2	726	11
FMP 302	Farm Practice II	2	726	11
2011/12 Session				
AGP 597	Seminar I	1	43	7
AGP 598	Seminar II	1		7
AGP 599	Project	4	1	1
FMP 301	Farm Practice I	2	1420	11
FMP 302	Farm Practice II	2	1420	11
2012/13 Session				
AGP 597	Seminar I	1	56	7
AGP 598	Seminar II	1	56	7
AGP 599	Project	4	3	1
FMP 301	Farm Practice I	2	1350	11
FMP 302	Farm Practice II	2	1350	11
2018/19 Session				
AGS 597	Seminar I	1	76	8
AGS 598	Seminar II	1	76	10

PRM 500	Principles of Pasture & Rangeland Mgt	2	99	2
PRM 304	Principles of tropical Pasture Production	2	143	3

04. SPECIAL ASSIGNMENTS/COMMUNITY SERVICES

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|---|------------------------|
| i. Departmental Postgraduate Exam Officer | Feb, 2020 - till date |
| ii. Department Postgraduate Coordinator | Feb, 2020 - till date |
| iii. Departmental Level Adviser for 200 level students | Feb, 2020 - till date |
| iv. Turnitin panel member, School of Agriculture, Food and Rural Development (AFRD), Newcastle University, Newcastle, UK. | July, 2016 – July 2018 |
| v. Presenter at the 6 th Form Conference at Llanfyllin high School, Llanfyllin, Wales, UK. | 8/12/16 – 9/12/2016 |
| vi. EAAP (European Federation of Animal Science) Student helper at the Annual Meeting in Belfast, United Kingdom. | 29/08/16- 2/09/16 |
| vii. Member, College Board, COLANIM, FUNAAB. | 2011 to date |
| viii. Departmental Exam Officer | 2011 to 2013 |
| ix. Undergraduate Seminar coordinator, PRM Dept. | 2010 to 2013 |
| x. Departmental coordinator, (FMP 301 &302) | 2009 to 2011 |
| xi. Member, Federal University of Agriculture, Abeokuta Alumni Association, Abeokuta Branch. | 2009 to date |

COMMUNITY SERVICES IN NIGERIA

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| i. Choir Coordinator at The New Covenant Apostolic Christ Church International, Conoil, Obantoko, Abeokuta. | 2019 – till date |
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05. TRAINING PROGRAMMES ATTENDED (with dates)

- i. Two days web training on precision livestock farming (PLF) and novel sensing technology in extensive grassland systems, organised by British Society of Animal Science, United Kingdom. November 17 and 19, 2020.
- ii. Smart Cow web conference training on Proxies for methane emissions and Feed efficiency other than microbiome proxies, organising centre, SRUC, United Kingdom. November 6, 2019.
- iii. Smart Cow web conference training on Feed efficiency of beef cattle and measurement techniques, organised by SRUC, United Kingdom. October 9, 2019.
- iv. Smart Cow web conference training on Ruminant methane emissions and measurement techniques, organising centre, SRUC, United Kingdom. October 2, 2019.
- v. Smart Cow web conference training on Feed efficiency in dairy cattle, organizing centre, IRTA (Spain), September 30, 2019.
- vi. Training on Associate Fellowship of the higher education academy (HEA), Newcastle University, Newcastle, UK. Started 01/02/2019 – 17/04/2019.
- vii. Training for acting as an assistant invigilator for exams involving PC and oral papers in small and large rooms, Newcastle University, Newcastle, UK. January 9, 2017.
- viii. Training on becoming Turnitin panel member, School of Agriculture, Food and Rural Development, Newcastle University, Newcastle, UK. July 10, 2016.
- ix. Gas safety training, Organized by Occupational Health and Safety Services, School of Agriculture, Food and Rural Development, Newcastle University, Newcastle, United Kingdom, May 12, 2016.
- x. Training on Introduction to Learning and Teaching in Higher Education, Newcastle University, Newcastle, United Kingdom, February 9 – 10, 2015.
- xi. Training required for Personal License category B, Animal (Scientific Procedures) Act, 1986 Universities' Training Group, Approved by the Universities' Accreditation Scheme at Newcastle University, Newcastle, United Kingdom, February 5 – 6, 2015.

- xii. Attendee of the course on Engineering Biology through Molecular and Microbial Ecology (CEG 8109) for Masters Students', February, 2015.
- xiii. Workshop on document management – Images and Tables, Newcastle University, Newcastle, United Kingdom, January 28, 2015.
- xiv. Workshop on document management- Content and Layout, Newcastle University, Newcastle, United Kingdom, May 19, 2014.
- xv. Workshop on data handling and spreadsheet skills, Newcastle University, Newcastle, United Kingdom, May 14, 2014.
- xvi. Training on Basic Health and Safety, Organized by Occupational Health and Safety Services, Newcastle University, Newcastle, United Kingdom, March 26, 2014.
- xvii. Chemical Safety and COSHH Training, Organized by Occupational Health and Safety Services, Newcastle University, Newcastle, United Kingdom, March 20, 2014.
- xviii. Workshop on communication and dissemination- Scientific writing, Newcastle University, Newcastle, United Kingdom, March 19, 2014.
- xix. Workshop on advanced document management using Word and Endnote, Newcastle University, Newcastle, United Kingdom, February 18, 2014.
- xx. Workshop on communication and dissemination – Editing and Proof reading your written work, Newcastle University, Newcastle, United Kingdom, February 13, 2014.
- xxi. Training Programme on Statistical Analysis and Data Management, Organized by Universal Conservices Limited (FUCONS, Limited), Federal University of Agriculture, Abeokuta, Nigeria, April 10 -11, 2013.
- xxii. Workshop on Fund Sourcing, Proposal writing, and Project Management, Organized by Directorate of Grants Management, Federal University of Agriculture, Abeokuta, Nigeria, December 3-5, 2012.
- xxiii. Training on the use of power point for presentation, organized by ICT Resource Centre, University of Agriculture, Abeokuta, Nigeria, April 4, 2011.
- xxiv. Training on result processing system, organized by ICT Resource Centre, University of Agriculture, Abeokuta, Nigeria, March 23, 2011.
- xxv. Training on WEB 2.0 application in-house workshop, organized by Centre for Internationalization and Partnerships, University of Agriculture, Abeokuta, Nigeria, November 3-4, 2010.

06. COMMENDATION

Nil

07. MEMBERSHIP OF ACADEMIC/PROFESSIONAL BODIES

- i. Associate Fellow of Higher Education Academy, United Kingdom (PR182675)
- ii. Member, Anaerobic Fungi Network (AFN)
- iii. Member, British Society of Animal Science (BSAS, 920140326)
- iv. Member, European Federation of Animal Science (EAAP)
- v. Member, Nigerian Society for Animal Production (NSAP)
- vi. Member, Animal Science Association of Nigeria (ASAN)
- vii. Member, Society for Grassland Research and Development in Nigeria.

08. RESEARCH INTERESTS OR COMMISSIONED PROJECTS

- i. Nutritional evaluation of 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

- ii. Provision of year round feed for ruminant animals through the investigation of lesser known plants and improvement of low quality feeds.
- iii. Reduction of methane gas production in ruminant animal through the use of metabolites containing forages and manipulation of feed and feedstuffs.
- iv. Carrying out digestibility trials through in vivo, in sacco and in vitro techniques to determine nutrient intake, body weight, nutrients digestibility/degradability, effective digestibility/degradability, nutritive value and the calculations that goes along with it.
- v. Grass/legume pastures for sustainable feed production.
- vi. Biological improvement of low-quality forages.
- vii. Rumen anaerobic fungal isolation and identification as possible cellulolytic degraders in the rumen using microbial and molecular biology techniques.
- viii. Rumen microbial investigation.
- ix. Data recording, data entering into excel, data analyses using Minitab or SAS statistical package and interpretation of the analysed results.
- x. Paddock layout and establishment with different forages i.e. grasses, legumes and multipurpose trees as well as silage (bunker silo) and hay production

09. PUBLICATIONS

a) Thesis/Dissertation

Bolaji, O. J. (2019) Fungal treatment of selected matured forages to improve their value for ruminant feeding. Ph.D. Dissertation, Newcastle University, Newcastle, United Kingdom. 373pp

Bolaji, O. J. (2011) Effects of some silvicultural operations on growth and nutritive quality of *Treculia africana* Var. Decne seedlings for livestock feeding. M. Agric Dissertation, Federal University of Agriculture, Abeokuta, Nigeria. 125pp

Bolaji, O. J. (2007) Feeding value of *Anchomanes difformis* in West African Dwarf Sheep supplementary diets: Growth rate and Performance. B. Agric Project Report, University of Agriculture, Abeokuta, Nigeria. 36pp

b) Journals Articles in Print

1. 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.
2. 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.
3. **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.

4. 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.
5. **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.
6. 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>.
7. Amole, T. A., Oduguwa, B. O., Shittu, O., Famakinde, A., Okwelum, N., Ojo, V. O. A., Dele, P. A., **Idowu, O. J.**, Ogunlolu, B., Adebisi, 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.
8. **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>.
9. 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.
10. 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.
11. 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.
12. 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.

13. 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 Indies, Trinidad and Tobago.
14. ***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>
15. *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>.
16. *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>.
17. ***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>
18. ***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.

D) Publications in Refereed Conference Proceedings.

19. 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.
20. Arigbede Moses, Anele Young, Südekum 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.
21. 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.

22. **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.
23. Arigbede O. M., **Bolaji, O. J.**, Dele, P. A., Ojo, V. O. A., Olanite, P. O., Jejenwa. (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.
24. Adeoye S. A., Ojo, J. A., Olanite, P. A., Dele, T. A., Amole, **Bolaji, O. J.**, Ike, K. A., Ogundele, S. O., and Ogunlolu, B. T. (2011). Effects of grass spacing and time of sowing legume on dry matter yield and legume seed production of *Brachiaria decumbens*, *Tephrosia bracteolata* pasture. An Appraisal ***Proceedings 36th Annual Conference of Nigeria Society for Animal Production (NSAP)***, I. A. Adeniji, Olatunji, E. A. and Gana, E. S. (Eds.) 492-494.
25. Olanite J. A., Dele, P. A., Ojo, V. O. A., Adeoye, S. A., Amole, T. A., **Bolaji, O. J.**, Ogunlolu B. T., and Adelu, A. R. (2011). Effect of sprinkling and spot irrigation on the growth and biomass yield of three grasses. An Appraisal ***Proceedings 36th Annual Conference of Nigeria Society for Animal Production (NSAP)***, I. A. Adeniji, Olatunji, E. A. and Gana, E. S. (Eds.) 578-579.
26. Ojo V. O. A., Jolaosho, A. O., Dele, P. A., Amole, T. A., Adeoye, S. A., **Bolaji, O. J.**, Ogunsakin, A., Ogunlolu, B. T., and Ogundele, S.O. (2011). Effect of farmyard manures application and harvesting time on the growth and dry matter yield of F1 Pennisetum hybrid. An Appraisal ***Proceedings 36th Annual Conference of Nigeria Society for Animal Production (NSAP)***, I. A. Adeniji, Olatunji, E. A. and Gana, E. S. (Eds.) 575-577.
27. Ojo, V. O. A., Jolaosho, A. O., Onifade, O. S., Olanite, J. A., Dele, P. A., Omosanyin, O. O., Amole, T. A., Adeoye, S. A., **Bolaji, O. J.**, and Ogunlolu, B. T. (2011). Evaluation of forage productivity from different topography and land use in Western Nigeria. ***IX International Rangeland Congress***, S. R. Feldman, G. E. Oliva and M. B. Sacido (Eds.) 449.
28. Olanite, J. A., Adeoye, S. A., Ojo, V. O. A., Amole, T. A., Dele, P. A., Ike, K. A., Ogundele, S. O., **Bolaji, O. J.** and Ogunlolu, B. T. (2011). Estimation of the dry matter and botanical composition of the natural pastures in South West, Nigeria. ***IX International Rangeland Congress***, S. R. Feldman, G. E. Oliva and M. B. Sacido (Eds.) 301.
29. Amole, T. A., Oduguwa, B. O., Jolaosho, A. O., Shittu, O., Arigbede, O. M., Olanite, J. A., Ojo, V. O. A., Dele, P. A. and **Idowu, O. J.** (2012). Nutrient composition of *Panicum maximum* and cowpea haulms pellets at different ratios. An Appraisal ***Proceedings 17th Annual Conference of Animal Science Association of Nigeria (ASAN)***, Akpa, G. N., Dairo, F. A. S., Bawa, G. S., Solomon, I. P., Amaefuele, K. U., Odunsi, A. A. and Ladokun, A. O. (Eds.) 555-558.
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32. Aderinboye, R. Y., Nwoke, U. K., Onwuka, O. F. I., Isah, O. A., Oni, A.O., **Bolaji, O. J.**, Oduguwa, B. O. (2013). Evaluation of *Moringa Oleifera* leaves, twigs and pods as supplemental feed resources for sheep on grass based diet. **Proceedings of the British Society of Animal Science**, S. Athanasiadou, Chaudhry, A. S., Denwood, M., Eckersall, D. P., Flockhart, J., Kenny, D. A., King, T., Mather, A., Mayes, R. W., Nash, D. M., Richardson, R. I., Rooke, J. A., Rymer, C., Sinclair, K., Steele, M. A., Waters, S., Wolf, B. T. and Wylie, A. R. G. (Eds.). 58. Published by Cambridge University Press.
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 35. **Bolaji, O. J.**, Chaudhry, A. S., and Dolfing, J. (2015). Chemical evaluation of selected Nigerian matured forages for their use in ruminant diets. **Proceeding of the British Society of Animal Science**, S. Athanasiadou, Chaudhry, A. S., Chikunya, S., Denwood, M., Flockhart, J., Flynn, R., Gibbons, J., Houdijk, J. G. M., Kenny, D. A., Mather, A., Mayes, R. W., McNeilly, T., Nash, D. M., Richardson, R. I., Rooke, J. A., Rose, M. T., Steele, M. A., Rymer, C., Wall, E., Wolf, B. T. and Wylie, A. R. G. (Eds.) 112. Published by Cambridge University Press.
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 37. **Bolaji, O. J.**, Chaudhry, A. S., and Dolfing, J. (2016). *In vitro* degradability of selected Nigerian forages for their use in ruminant diets. **67th Annual Meeting of the European Federation of Animal Science (EAAP)**, E., Strandberg, Van Duinkerken, G., Spoolder, H., Sauerwein, H., Tichit, M., Klopčič, M., Conington, J., Lauridsen, C., Santos, A., and Pollott, G. 410. Published by Wageningen Academic.
 38. **Bolaji, O. J.**, Chaudhry, A. S., and Dolfing, J. (2017). Fungal treatment effect on the chemical composition of matured forages for their use in ruminant diets. **68th Annual Meeting of the European Federation of Animal Science (EAAP)**, E., Strandberg, Savoini, G., Spoolder, H.A.M., Sauerwein, H., Tichit, M., Klopčič, M., Conington, J., Knol, E.F., Santos, A.S., Veldkamp, T., Halachmi, I., and Pollott, G. 341.
 39. ***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. An Appraisal *Proceedings 45th Annual Conference of*

10. MAJOR CONFERENCES ATTENDED WITH PAPERS READ

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. Investigation of growth conditions on the laccase activity of *Pleurotus ostreatus* and *Ceriporiopsis rivulosus* during low quality forage upgrade as possible dry season feed.
2. *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.
3. *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 their use in ruminant diets.
4. Annual Conference of British Society of Animal Science (BSAS), Science with Impact held in Chester, UK. 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.
5. 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.
6. 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.
7. *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., Jejenywa. 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*.
8. *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*.

9. *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*.

11. INFORMATION ON FELLOWSHIP, MASTER'S PROJECTS AND Ph.D THESIS SUPERVISED

A) FELLOWSHIP

- i. Fellowship of Higher Education Academy

B) MASTER'S STUDENTS SUPERVISION

- 1) Title of thesis: Fungal treatment of selected forages as possible improved ruminant feed
Name of Student: Tanimowo Razaq Olaide (PG/18/0713)
Date / Year of Commencement: 2019
Completed / Ongoing (anticipated date of Completion): 2021
Sole / Collaborative Supervision: Major Supervision
- 2) Title of thesis: Sward height and residue effect on productivity of guinea grass and quality of *L. leucocephala* seed based pellets fed to weaner rabbits.
Name of Student: Dada Francis Idowu (PG/18/0385)
Date / Year of Commencement: March, 2020
Completed / Ongoing (anticipated date of Completion): September 2021
Sole / Collaborative Supervision: Collaborative Supervision
- 3) Title of thesis: Nil
Name of Student: Odebode Tomisin (PG/18/0372)
Date / Year of Commencement: October, 2019
Completed / Ongoing (anticipated date of Completion): September 2021
Sole / Collaborative Supervision: Collaborative Supervision
- 4) Title of thesis: Nil
Name of Student: Abdulsalam Sherifdeen (PG/18/0311)
Date / Year of Commencement: October, 2019
Completed / Ongoing (anticipated date of Completion): September 2021
Sole / Collaborative Supervision: Collaborative Supervision

12. EXTRA CURRICULAR ACTIVITIES

Singing, Reading, Dancing and Travelling

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Date