



ABRIDGED PROFILE

Adebayo, Kafayat Omowumi (*PhD, RAS, MNSAP*)

Lecturer/Researcher

Department of Animal Nutrition

Federal University of Agriculture, Abeokuta, Ogun State, Nigeria

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Kafayat O. Adebayo (PhD) is a Senior Lecturer with over ten years work experience in the field of Animal Nutrition with specialization in Ruminant Nutrition. She teaches courses such as Nutrient Requirement of Farm Animals, Ruminant Nutrition, Nigeria Feeds and Feedstuffs, Feed Safety and Quality Control, Micro livestock Nutrition at the undergraduate level and Large Ruminant Nutrition, Sheep and Goat Nutrition, Dairy Chemistry and Technology at the post graduate level. Her research focus has been majorly on the use of feed additives to manipulate rumen fermentation for improved nutrient utilization and a safer environment, through reduction of methane gas production from ruminants. Over the years she has also identified and carried out nutritive evaluation of some browse plants that can be used for feeding ruminants in the dry season and also carried out research on improvement of the nutritive value of feedstuffs such as crop residues and agro-industrial by-products which are available for ruminant feeding in the dry season using various processing methods.

Dr. (Mrs.) Adebayo has worked on the use of fibrolytic enzymes as feed additive in small and large ruminants' diets and presently her focus is on phytogetic feed additives. She has utilized bitter leaf (*Vernonia amygdalina*), scent leaf (*Ocimum gratissimum*), Guinea hen weed (*Petiveria alliacea*) clove (*Syzygium aromaticum*) and Brimstone tree (*Morinda lucida*) powder and extract as rumen modifiers. Her current research is on *Phyllanthus amarus* and *Ficus thoningii* leaf powder and aqueous extract as rumen modifier for improved nutrient utilization and production performance in West African dwarf goats. Her research on fibrolytic enzyme won the Step-B Innovators of Tomorrow (IOT) World Bank Grant in 2010 and the

research on the use of scent leaf powder and extract as phytogetic additive in the diet of West African dwarf goats also won the TETFUND (Tertiary Education Trust Fund) grant in 2017.

Dr. Kafayat Adebayo has supervised fifty-nine students at the undergraduate level and over twenty-five students at postgraduate level as major and co-supervisors. She has forty (40) journal articles and twenty (22) referred conference proceedings to her credit. She is a member of some professional bodies such as Nigerian Society for Animal Production, Animal Science Association of Nigeria, Nigerian Institute of Animal Science, International Goat Association, and Nigerian Association of University Women. She was admitted to the Roll of Honour, Member of the Nigerian Society for Animal Production “MNSAP” by the Nigerian Society for Animal Production in March, 2020.

CURRICULUM VITAE

01. PERSONAL DATA

- (i) Name in Full: **ADEBAYO** Kafayat Omowumi
(Formerly Yusuf)
- (ii) Date of Birth: 13th May, 1976
- (iii) Place of Birth: Kano
- (iv) Age: 45 Years
- (v) Sex: Female
- (vi) Marital Status: Married
- (vii) Nationality: Nigerian
- (viii) Town and State of Origin: Oyo, Oyo State
- (ix) Contact Address: Department of Animal Nutrition
Federal University of Agriculture,
P.M.B. 2240, Abeokuta,
Ogun state, Nigeria.
- (x) Phone Number: +234 8035366932/08165832634
- (xi) E-mail Address: adebayoko@funaab.edu.ng,
kaflak2001@yahoo.com,
yomowumi@gmail.com
- (xii) Present post: Senior Lecturer

02. EDUCATIONAL BACKGROUND

(i) Educational Institutions Attended with Dates

Federal University of Agriculture, Abeokuta, Ogun State	2008-2011
University of Agriculture, Abeokuta, Ogun State	2006-2008
University of Agriculture, Abeokuta, Ogun State	1998-2002
St. Andrew's College of Education, Oyo, Oyo state	1993-1996
Abiodun Atiba Memorial Institute, Oyo Oyo state	1988-1993
St. Francis N/P School/Methodist Primary School, Oyo, Oyo state	1979-1987

(ii) Academic Qualifications with Dates

Ph.D (Ruminant Animal Nutrition)	2011
Master of Agriculture (Ruminant Animal Nutrition)	2008
Bachelor of Agriculture (First Class Honours)	2002
Nigeria Certificate in Education (Distinction)	1996
West African Senior School Certificate	1993
Primary School Leaving Certificate	1987

(iii) Prizes, Honours, Scholarship, Award, Grants/ International Recognition

a) **Prizes**

- School Head Girl, Abiodun Atiba Memorial Institute, Oyo, Oyo State, **1992/1993 Session**
- Ogun State Printing Corporation Prize for Best Graduating Student, College of Animal Science and Livestock Production, University of Agriculture, Abeokuta, Ogun State. **2000/2001Session**
- Most Dedicated Teacher, Oghenovo Memorial International College, Ajangbadi, Lagos State **2005/2006 Session.**

b) **Grants**

- FGN-World Bank STEP-B (Science and Technology Education Post-Basic project) Innovators of Tomorrow (IOT) Research grant, **2010**
- Tertiary Education Trust Fund (TETFUND) Institutional-based Research Intervention Allocation for a project titled, “Utilization of cashew nut shell liquid as a dietary strategy to manipulate rumen fermentation for improved nutritional performance of ruminants”(Research Team member) **2014**
- Tertiary Education Trust Fund (TETFUND) Institutional-based Research Intervention Allocation for a project titled “ Legume-based pellets as dry season feed for ruminant animals” (Research Team member) **2014**
- Tertiary Education Trust Fund (TETFUND) Institutional-based Research Intervention Allocation for a project titled “ Scent leaf *Ocimum gratissimum* as phyto-genic feed additive in the diet of West African Dwarf goats” (Research Team Leader) **2017**

c) **Honours**

Admitted to the Roll of Honour, Member of the Nigerian Society for Animal Production “MNSAP” by the Nigerian Society for Animal Production, **March, 2020**

03. WORK EXPERIENCE

(i) **Agric. Officer**

Sept. 2002–Aug. 2003

Soba Local Government Secretariat,
Maigana, Zaria, Kaduna State.Nigeria. (NYSC)

- (ii) **Tutor** **Sept. 2003–Dec. 2006**
Oghenovo Memorial International College,
Ajangbadi, Lagos State.
- (iii) **Graduate Assistant** **June 2007- January 2010**
Department of Animal Nutrition,
College of Animal Science & Livestock Production,
University of Agriculture, Abeokuta, Nigeria.
- (iv) **Farm officer II** **June 2010 - October 2012**
Teaching and Research Farms Directorate,
Federal University of Agriculture, Abeokuta. Nigeria.
- (v) **Lecturer II (Ruminant Animal Nutrition)** **Nov. 2012 - Sept. 2016**
Department of Animal Nutrition,
College of Animal Science & Livestock Production,
Federal University of Agriculture, Abeokuta, Nigeria.
- (vi) **Lecturer I (Ruminant Animal Nutrition)** **October 2016 – Oct. 2019**
Department of Animal Nutrition,
College of Animal Science & Livestock Production,
Federal University of Agriculture, Abeokuta, Nigeria.
- (vii) **Senior Lecturer (Ruminant Animal Nutrition)** **October 2019 Till Date**
Department of Animal Nutrition,
College of Animal Science & Livestock Production,
Federal University of Agriculture, Abeokuta, Nigeria.

Teaching Responsibilities:

Undergraduate Courses

Session	Course code	Course Title	Unit	No. of Students	No. of Lecturers	Contact hours
2012/2013	ANN 503	Ruminant Animal Nutrition	3	485	5	3
	AGS 597	Seminar I	1	71	15	
	AGS 598	Seminar II	1	71	15	
2013/2014	ANN 503	Ruminant Animal Nutrition	3	550	5	3

	ANN 502	Nigerian Feeds and Feedstuffs	3	400	4	3
	AGS 597	Seminar I	1	95	15	
	AGS 598	Seminar II	1	95	15	
	AGS 599	Project	4	6	1	
2014/2015	ANN 503	Ruminant Animal Nutrition	3	793	5	3
	ANN 502	Nigerian Feeds and Feedstuffs	3	500	4	3
	AGS 597	Seminar I	1	99	15	
	AGS 598	Seminar II	1	99	15	
	AGS 599	Project	4	8	1	
2015/2016	ANN 503	Ruminant Animal Nutrition	3	800	4	3
	ANN 502	Nigerian Feeds and Feedstuffs	3	500	4	3
	AGS 597	Seminar I	1	105	15	
	AGS 598	Seminar II	1	105	15	
	AGS 599	Project	4	8	1	
2016/2017	ANN 306	Nutrient Requirement of Farm Animals	2	81	3	2
	ANN 503	Ruminant Animal Nutrition	3	850	4	3
	ANN 502	Nigerian Feeds and Feedstuffs	3	650	4	3
	AGS 597	Seminar I	1	107	15	
	AGS 598	Seminar II	1	107	15	
	AGS 599	Project	4	10	1	
2017/2018	ANN 306	Nutrient Requirement of Farm Animals I	2	97	3	2
	ANN 503	Ruminant Animal Nutrition	3	950	4	3
	ANN 502	Nigerian Feeds and Feedstuffs	3	700	4	3
	AGS 597	Seminar I	1	102	16	
	AGS 598	Seminar II	1	102	16	
	AGS 599	Project	4	9	1	
2018/2019	ANN503	Ruminant Animal Nutrition	3	350	4	2
	ANN501	Nigerian Feeds and Feedstuffs	2	200	4	2
	ANN 505	Nutrient Requirement of Farm Animals II	1	75	5	2
	ANN 504	Companion Animal Nutrition	2	75	4	2
	ANN 510	Microlivestock Nutrition	2	75	2	2
	ANN 306	Nutrient Requirement of farm animals I	2	105	4	2
	AGS 597	Seminar I	1	80	16	
	AGS 599	Project	4	80	1	
	AGS 598	Seminar II	1	80	16	
2019/2020	ANN503	Ruminant Animal Nutrition	3	450	4	2
	ANN501	Nigerian Feeds and Feedstuffs	3	600	4	2
	ANN 505	Nutrient Requirement of Farm Animals II	1	110	5	2

	ANN 502	Feed safety and quality control	2	105	4	2
	ANN 504	Companion Animal Nutrition	2	105	4	2
	ANN 510	Microlivestock Nutrition	2	105	2	2
	ANN 306	Nutrient Requirement of farm animals I	2	105	4	2
	AGS 597	Seminar I	1	113	16	
	AGS 598	Seminar II	1	113	16	
	AGS 599	Project	4	8	1	

Postgraduate courses

Session	Course code	Course Title	Unit	No. of Students	No. of Lecturers	Contact hours
2012/2013	ANN 715	Sheep and Goat Nutrition	3	4	3	3
	ANN 717	Forage and Utilization	3	4	3	3
	ANN 708	Dairy Chemistry and Technology	2	4	3	3
	ANN 716	Large Ruminant Nutrition	3	4	3	3
2013/2014	ANN 715	Sheep and Goat Nutrition	3	1	3	3
	ANN 717	Forage and Utilization	3	1	3	3
	ANN 708	Dairy Chemistry and Technology	2	1	2	3
	ANN 716	Large Ruminant Nutrition	3	1	3	3
	ANN 713	Rabbit Nutrition	3	2	2	3
2014/2015	ANN 715	Sheep and Goat Nutrition	3	5	3	3
	ANN 717	Forage and Utilization	3	5	3	3
	ANN 708	Dairy Chemistry and Technology	2	5	1	3
	ANN 716	Large Ruminant Nutrition	3	5	3	3
	ANN 713	Rabbit Nutrition	3	2	2	3
2015/2016	ANN 715	Sheep and Goat Nutrition	3	5	3	3
	ANN 717	Forage and Utilization	3	5	3	3
	ANN 708	Dairy Chemistry and Technology	2	5	1	3
2016/2017	ANN 816	Large Ruminant Nutrition	3	5	3	3
	ANN 815	Sheep and Goat Nutrition	3	4	3	3
	ANN 817	Forage and Utilization	3	4	3	3
	ANN 808	Dairy Chemistry and Technology	2	4	1	3
2017/2018	ANN 815	Sheep and Goat Nutrition	3	4	3	3
	ANN 817	Forage and Utilization	3	4	3	3
	ANN 805	Metabolism of carbohydrate and lipid	3	13	3	3
	ANN 816	Large Ruminant Nutrition	3	4	3	3

2018/2019						
	ANN 817	Forage and Utilization	3	4	3	3
	ANN 805	Metabolism of carbohydrate and lipid	3	13	3	3
	ANN 816	Large Ruminant Nutrition	3	4	3	3
2019/2020	ANN 815	Sheep and Goat Nutrition	3	4	3	3
	PDA 723	Forage and Utilization	3	3	3	3
	ANN 805	Metabolism of carbohydrate and lipid	3	15	3	3
	ANN 816	Large Ruminant Nutrition	3	4	3	3
	ANN 808	Dairy Chemistry	3	4	3	3

04 SPECIAL ASSIGNMENTS/ COMMUNITY SERVICE

1. Member, COLANIM Welfare Committee 2012/2013 Session till date.
2. Member, COLANIM Manual Committee 2012/2013 Session till date
3. Member, College Board, COLANIM 2012/2013 Session till date
4. Member, Small Ruminant Technical Committee 2014 till date.
5. Member, Cattle Management Technical Committee 2014 till date
6. COLANIM representative, HOUSEPAC 2015/2016 Session
7. Departmental verification Officer 12/13-2016/2017 session
8. Departmental Level Adviser for 100 level students 2012/2013 – 2015/2016
9. Departmental Level Adviser for 400 level students 2016/2017
10. Departmental Level Adviser for 200 level students 2017/2018
11. Departmental Representative on COBFAS 2015/2016 till date
12. Seminar coordinator (Undergraduate seminars) 2017/2018 session till date
13. Course coordinator ANN 306 2016/2017 session till date
14. Course coordinator for ANN 503 2017/2018 session till date
15. Course coordinator for ANN 510 2018/2019 session till date
16. Member, College committee on Review of mode of Final year project submission 2019
17. Member, Local Organizing committee for the 41st Annual Conference of the Nigerian Society of Animal Production (NSAP), 2016
18. Member, FUNAAB Muslim Alumni Association (FUNAMAA) 2014 till date
19. Member, FUNAAB Muslim Community 2007 till date
20. Reviewer of academic journals which include
 - Nigerian Journal of Animal Production 2013 till date
 - Nigerian Journal of Animal Science 2013 till date
 - Journal of Environmental and Agricultural Sciences 2017

- Journal of Animal Science and Veterinary Medicine 2019

05. TRAINING PROGRAMMES ATTENDED WITH DATES

- Training workshop on Statistical Analysis and Data Management organized by Federal University of Agriculture, Abeokuta, Nigeria Universal Conservices Limited (FUCONS) 10th-12th April, **2013**
- Capacity building workshop on Modern Methods of Teaching and Learning in Higher Education organized by Centre for Innovation and Strategy in Learning and Teaching (CISLT), Federal University of Agriculture, Abeokuta, Nigeria 25th-26th January, **2016**
- AWARD Mentoring Orientation Workshop organized by FUNAAB/ AWARDGRARD (Federal University of Agriculture, Abeokuta/African Women in Agricultural Research and Development/Gender Responsiveness in Agricultural Research and Development), Federal University of Agriculture, Abeokuta, Nigeria **13th-17th May,2019**
- Online Course on Research and Proposal Writing in the Sciences organized INASP, an international development organization based in the UK. The certificate can be verified at: moodle.inasp.info/mod/customcert/verify_certificate.php with the following code 1f98y7xR3o, **8th September to 2nd November, 2020 (8 weeks)**
- Academic Retreat on University Ethics, Pedagogy and Examination matters organized by Federal University of Agriculture, Abeokuta, **21st -23rd June 2021**

06. COMMENDATION

Letter of Appreciation for excellent performance and selfless service rendered as an academic supervisor to Farm practical Year (FPY) students during the 2020 cropping season as well as COVID-19 pandemic by the Vice-chancellor, Prof F. K. Salako, February 1 2021

07. MEMBERSHIP OF PROFESSIONAL BODIES

Member, International Goat Association (IGA)
 Member, Nigerian Institute of Animal Science (NIAS/RAS/1501)
 Member, Nigeria Society for Animal Production (NSAP)
 Member, Animal Science Association of Nigeria (ASAN)
 Member, National Association of University Women (NAUW), FUNAAB Branch

08. RESEARCH INTEREST:

(i) Research Completed but not yet published:

- ✓ Assessment of guinea hen weed (*Petiveria alliacea*) leaf powder and extract as modifier of rumen fermentation

- ✓ *In vitro* and *in vivo* evaluation of *Morinda lucida* leaf powder and extract as rumen modifier for improved nutrient utilization in West African dwarf goats

(ii) Research in Progress:

- ✓ Response of West African dwarf goats to diets containing *Phyllanthus amarus* leaf powder and extract as phytogenic additive
- ✓ Effect of *Ficus thoningii* leaf and bark extract on nutrient utilization in West African dwarf goats

09. UNIVERSITY EXTENSION ACTIVITIES

NIL

10. OTHER ACTIVITIES WITHIN THE UNIVERSITY SYSTEM (Position in Administration, University sports, committees, University external Examination)

NIL

11. PUBLICATIONS:

(a) Projects, Dissertation & Thesis

1. **Alaka, K.O. (1996).** Effect of Replacing Rice Bran with Urea-treated Groundnut Husk in the Starter Diet of Broilers (N.C.E. Project submitted to the Department of Agricultural Education, St. Andrew's College of Education, Oyo now Emmanuel Alayande College of Education, Oyo, Oyo state)
2. **Alaka, K.O. (2002).** Nutritional Evaluation of Baobab (*Adansonia digitata*) seed meal with rats (B.Agric. Project submitted to the Department of Animal Nutrition Federal University of Agriculture, Abeokuta)
3. **Yusuf, K.O.(2009).** *In vitro* and *in vivo* Evaluation of the Potentials of Some Browse Plants as Feed for Ruminants (M. Agric. Dissertation submitted to the Department of Animal Nutrition Federal University of Agriculture, Abeokuta)
4. **Yusuf, K.O. (2011).** Effects of Enzyme Additive on *in vitro* Parameters and Utilization of fresh grass and grass hay-based diets by Calves (Ph.D Thesis submitted to the Department of Animal Nutrition Federal University of Agriculture, Abeokuta)

(b) Articles in Learned Journals

1. **Yusuf, K.O., A.M. Bamgbose, A.O. Oso, A.O. Fafiolu and A.O. Oni 2008.** Nutritional Evaluation of Baobab (*Adansonia digitata*) seed meal with rats. *Asset Journal Series A* 8(2): 226-231. Published by Federal University of Agriculture, Abeokuta, Nigeria

2. ^F Oni, A.O., C.F.I. Onwuka, O.M. Arigbede, O.O. Oni, U.Y. Anele, **K.O. Yusuf**, B.O. Oduguwa, and S.O. Onifade **2010**. Chemical composition and *in sacco* degradability of four varieties of cassava leaves grown in Southwestern Nigeria in the rumen of sheep. *Tropical Animal Health and Production* 42: 1385-1393. Published by Springer, United Kingdom. Available online at <http://www.springerlink.com/openurl.asp?genre=article&id=doi:10.1007/s11250-010-9596-0>
3. ^F Oni, A.O., O.M. Arigbede, O.O. Oni, C.F.I. Onwuka, U.Y. Anele, B.O. Oduguwa, and **K.O. Yusuf** **2010**. Effects of feeding different levels of dried cassava leaves (*Manihot esculenta*, Crantz) based concentrates with *Panicum maximum* basal on the performance of growing West African Dwarf goats. *Livestock Science* 129: 24-30. Published by Elsevier, Netherlands, UK. Available online at DOI:10.1016/j.livsci.2009.12.007
4. ^F Oni, A.O., O.M. Arigbede, O.S. Sowande, U.Y. Anele, O.O. Oni, C.F.I. Onwuka, O.S. Onifade, **K.O. Yusuf**, P. A. Dele and R.Y. Aderinboye **2012**. Haematological and serum biochemical parameters of West African Dwarf Goats fed dried cassava leaves-based concentrates diets. *Tropical Animal Health and Production* 44 (3) 483-490. Published by Springer, United Kingdom. Available online at <http://www.springerlink.com/openurl.asp?genre=article&id=doi:10.1007/s11250-011-9923-0>
5. **Yusuf, K.O.**, O.A. Isah, O.M. Arigbede, A.O. Oni and C.F.I. Onwuka **2013**. Chemical composition, secondary metabolites, *in vitro* gas production characteristics and acceptability study of some forage for ruminant feeding in South-Western Nigeria. *Nigerian Journal of Animal Production* 40 (1): 179-190. Published by The Nigerian Society for Animal Production. Nigeria. Available online at <http://www.ajol.info/index.php/njap>
6. Omoniyi, L.A., O.A. Isah, R.A. Olorunsola, O.A. Osofowora, R.M. Akinbode, **K.O. Yusuf** and J.A. Olanite **2013**. Nutrient and anti-nutritional constituents of *Pennisetum purpureum* and four indigenous tree legume of south-western Nigeria: A potential ruminant feed. *Nigerian Journal of Animal Production* 40 (1) 152-160. Published by The Nigerian Society for Animal Production. Nigeria. Available online at <http://www.ajol.info/index.php/njap>
7. **Yusuf, K.O.**, O.A. Isah, C.F.I. Onwuka, J.A. Olanite, A.O. Oni and R.Y. Aderinboye **2013**. Effects of enzyme additive on nutrient intake, digestibility and rumen metabolites of yearling cattle fed grass-hay based diet. *Nigerian Journal of Animal Science* 15:

155-167. Published by the Animal Science Association of Nigeria, Nigeria. Available online at <http://www.ajol.info/index.php/njas>

8. Oni, A.O., Sowande, O.S., Oduguwa, B.O., **Yusuf, K.O.**, Arigbede, O.M. and Onwuka, C.F.I. **2013**. Haematological and serum biochemical parameters of West African Dwarf goats fed ensiled cassava leaves with or without molasses and caged layer waste. *Nigerian Journal of Animal Production* 40 (2): 134-142. Published by The Nigerian Society for Animal Production, Nigeria. Available online at <http://www.ajol.info/index.php/njap>
9. Aderinboye, R.Y., Akintade, O.A., Adelusi, O.O., **Yusuf, K.O.**, Ojo, V.O.A, Oni, A.O., Isah, O.A. and Aduku, A.O. **2014**. Evaluation of Rumen Microbial Population in West African Dwarf sheep fed supplemental concentrate diets containing raw, wood ash-treated and oil-extracted cashew nut shell. *Nigerian Journal of Animal Science* 16 (1): 94-105. Published by the Animal Science Association of Nigeria, Nigeria. Available online at <http://www.ajol.info/index.php/njas>
10. Isah, O.A., **Yusuf, K.O.** and Iposu, S.O. **2014**. Nutrient utilization and blood profile of cross-bred calves fed *Panicum maximum* supplemented with *Newbouldia laevis*, *Alchornea cordifolia* and *Merremia aegyptia* foliages. *Journal of Applied Agricultural Research* 6(2): 151-162. Published by Agricultural Research Council of Nigeria
11. ^F Aderinboye, R.Y., Oladeji, O.T., Abaire, M.A. Sobayo, R.A., Oso, A.O., Oni, A.O., **Yusuf, K.O.**, Osho, S.O. and Bamgbose, M.A. **2015**. Performance of weaner rabbits fed a concentrate diet supplemented with pawpaw leaves. *Tropical Animal Health and Production* 47: 323-329. Published by Springer, United Kingdom. Available online at <http://www.springerlink.com/openurl.asp?genre=article&id=doi:10.1007/s11250-011-9923-0>
12. ^F Adelusi, O.O., Onwuka, C.F.I., Anifowose, I.O., Ojo, V.O.A. and **Yusuf, K.O.** **2015**. Effects of mixtures of coconut and palm kernel oil on the rumen fermentation parameters and microbial population of cattle. *Livestock Research for Rural Development* 27 (7). Published by CIPAV, Colombia, South America Available on-line at <http://www.lrrd.org/lrrd27/7/adel27136.h>
13. **Yusuf, K. O.**, O. A. Adebessin, A. Y. Sanni, R Y Aderinboye, A. O. Oni, O.A. Adelusi and O.A. Isah **2015**. Performance of West African Dwarf Goats Fed Maize stover based diet supplemented with Roxazyme G2[®] in the dry Season in Abeokuta, Nigeria. *Nigerian Journal of Animal Production* 42 (2): 174-179. Published by the Nigerian Society for Animal Production, Nigeria. Available online at <http://www.ajol.info/index.php/njap>

14. **Yusuf, K.O.**, E. Otamere, L.A. Omoniyi and C.F.I. Onwuka. **2016**. Performance characteristics and rumen microbial population of West African dwarf sheep fed enzyme supplemented diets. *Journal of Agricultural Science and Environment*, 16(1): 31-39. Published by Federal University of Agriculture, Abeokuta, Nigeria
15. ^F**Yusuf, K.O.**, Isah, A.O., Aderinboye, R.Y. and Fasae, O.A. **2016**. Effects of enzyme additive on haematological and serum biochemical parameters of calves fed fresh grass and hay based diets. *Bulletin of Animal Health and Production in Africa*, 64 (2): 185-194. Published by African Union Inter-African Bureau for Animal Resources, ILRI, Kenya. Available online at <http://www.au-ibar.org/bulletin.of.animal.health.and.production.africa>
16. Ojo, V.O.A., Popoola, K.O., Omisore, K.O., Adelusi, O.O., **Yusuf, K.O.**, Ogunsakin, A.O., Amole, T.A. Adeyemi, T.A and Jolaosho, A.O. **2016**. Fermentative characteristics and *in vitro* gas production of *Pennisetum purpureum* hybrid grass silage as influenced by manure type and age at harvest. *Nigerian Journal of Animal Science*, 18(1): 230-241. Published by the Animal Science Association of Nigeria. Available online at <http://www.ajol.info/index.php/njas>
17. **Yusuf, K.O.**, Ajeigbe, O.M., Oyebo, A.T., Aderinboye, R.Y. and Onwuka, C.F.I. **2017**. Nutrients and anti-nutrients content of some crop by-products and residues for ruminant feeding in Nigeria. *Journal of Animal Production Research*, 29(1): 249-262. Published by National Animal Production Research Institute, Ahmadu Bello University, Zaria, Nigeria.
18. ^FOjo, V.OA, 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*, Spain 66(256): 469-474. Available online at <http://www.uco.es/ucopress/az/index.php/az/>
19. Obe, A.A. and Yusuf, K.O. **2017**. Performance of West African dwarf goats fed agro-industrial by-products and *Pennisetum purpureum* hay as dry season feed. *Nigerian Journal of Animal Production* 44 (2): 161-172. Published by the Nigerian Society for Animal Production. Available online at <http://www.ajol.info/index.php/njap>
20. **Adebayo, K.O.**, Aderinboye, R.Y., Isah, O.A. and Onwuka, C.F.I. **2017**. Rumen fermentation characteristics of West African dwarf goats fed enzyme supplemented total mixed ration in the dry season. *Animal Research International*, 14(3): 2867-2875. A publication of the Department of Zoology, University of Nigeria, Nsukka. Available online at <http://www.zoo-unn.org>

21. Aderinboye, R.Y., Njuguna, J., Machuka, E., **Adebayo, K.O.**, Olagoke, K.O. and Stomeo, F. **2017**. Effect of dietary inclusion of cashew nut shell liquid on metabolic functions of rumen bacteria in West African dwarf goats. *Nigerian Journal of Biotechnology*, 34: 117-124. **Published by Biotechnology Society of Nigeria** Available online at <http://www.ajol.info/index.php/njb/index> and www.biotechsocietynigeria.org
22. ^FOjo, V.O.A., Adelusi, O.O., Jimoh, S.O., **Yusuf, K.O.**, Dele, P.A., and Akinyemi, B.T. **2018**. Effect of proportion and ensiling duration on nutrient digestibility and fermentation characteristics of *Pennisetum purpureum* and *Enterolobium cyclocarpum* seeds silage using *in vitro* gas production technique. *Bulletin of Animal Health and Production in Africa*, 66 (1): 163-175. Published by African Union Inter-African Bureau for Animal Resources, ILRI, Kenya. Available online at <http://www.au-ibar.org/bulletin.of.animal.health.and.production.africa>
23. Aderinboye, R.Y., Busari, A.A., Olaoye, O.N., Adelusi, O.O., **Adebayo, K.O.** and Onwuka, C.F.I. **2018**. Effect of dietary inclusion of cashew nut shell liquid on *in vitro* and *in vivo* protein digestibility and utilization in West African dwarf goats. *Nigerian Journal of Animal Production* 45 (1): 325-334. Published by the Nigerian Society for Animal Production. Available online at <http://www.ajol.info/index.php/njap>
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in vitro digestibility and energy value for ruminants. *Journal of Animal Production Research*, 30(1): 113-122. Published by National Animal Production Research Institute, Ahmadu Bello University, Zaria, Nigeria.

28. **Adebayo, K.O.** Usman, A.O., Aderinboye, R.Y., Adelusi, O.O., Akinbode, R.M. and Onwuka, C.F.I. **2018**. Rumen fermentation characteristics and blood profile of West African dwarf goats fed urea-treated crop by-products in the dry season. *Nigerian Agricultural Journal*, 49(1): 76-84. Published by Agricultural Society of Nigeria (ASN), Nigeria
29. **Adebayo, K.O.**, Aderinboye, R.Y., Sanwo, K.A., Oyewusi, I.K. and Isah, O.A. **2019**. Microbial population and blood parameters of West African dwarf goats fed scent leaf (*Ocimum gratissimum*) as additive. *Nigerian Journal of Animal Production* 46 (1): 225-235. Published by the Nigerian Society for Animal Production. Nigeria Available online at <http://www.ajol.info/index.php/njap>
30. Akinbode, R.M., Afuape, S.O., **Adebayo, K.O.**, Rafiu, A.S. and Adekoya, A.O. **2019**. *In vitro* evaluation of mixed silage of *Pennisetum purpureum* and orange fleshed sweet potato vines. *Nigerian Journal of Animal Production* 46 (1): 216-224. Published by the Nigerian Society for Animal Production. Nigeria. Available online at <http://www.ajol.info/index.php/njap>
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33. ^{F*}**Adebayo, K.O.**, Aderinboye, R.Y., Sanwo, K.A., Oyewusi, I.K. and Isah, O.A. **2019**. Growth performance and Fecal worm egg count of West African dwarf goats fed diets containing varying levels of *Ocimum gratissimum* (Scent leaf). *Livestock Research for Rural Development*, 31 (8): 124. Published by CIPAV, Colombia, South America Available online at <http://www.lrrd.org/lrrd31/8/yomow31124.html>
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methane production in vitro. *Journal of Animal Behaviour and Biometeorology*, 8 (2), 82-87

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(c) **Articles in Refereed Conference Proceedings**

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51. **Yusuf, K.O.**, Isah, O.A., Olanite, J.A., Oni, A.O., Omoniyi, L.A. and Onwuka, C.F.I. **2014**. Effects of enzyme additive on *in vitro* parameters of fresh grass and grass-hay based diets for ruminants' feeding. *Proceedings of the 39th Annual conference of Nigerian Society for Animal Production* (NSAP), 168-172. Published by NSAP
52. **Yusuf, K.O.**, Sotubo, M.T., Adelusi, O.O., Ojo, V.O.A., and C.F.I. Onwuka **2014**. Effect of exogenous enzyme additive on nutrient digestibility and nitrogen utilization by West African dwarf sheep fed total mixed ration. *Book of Abstract, 3rd ASAN-NIAS Joint annual meeting*, 44. Published by ASAN
53. Aderinboye, R. Y., Olaleye, O.J., Dele, P.A., Ojo, V.O.A, Isah, O.A., Oni, A.O. and **Yusuf, K.O.** **2014**. Evaluation of the mineral content of *Andropogon tectorum* grass conserved as hay or silage for ruminant feeding. *Book of Abstract, 3rd ASAN-NIAS Joint annual meeting*, 40. Published by ASAN
54. ^F **Yusuf, K.O.**, Akinyosoye, E.A., Ojo, V.O.A, Aderinboye, R.Y., Isah, O.A. and Onwuka, C.F.I. **2015**. Effect of enzyme additive on in vitro gas production and dry matter degradability of a total mixed ration. *Proceedings of the annual conference of the British Society of Animal Science in association with AVTRW, CFER and Eblex*, (BSAS) 103. Published by BSAS
55. **Yusuf, K.O.**, Aderinboye, R.Y., Ojo, V.O.A, A.O. Oni, Adelusi, O.O., Isah, O.A. and Onwuka, C.F.I. **2016**. Growth performance of West African dwarf goats fed Urea-treated orange and pineapple pulp based diets. *Proceedings of 21st Annual Conference of Animal Science Association of Nigeria* (ASAN), University of Port Harcourt, 18th-22nd September, 2016. Pg1011-1014. Published by ASAN

56. ^F Aderinboye, R.Y., Adetunji, A.P., **Yusuf, K.O.**, Ojo, V.O.A. and A.O. Oni. **2017**. Mitigating feed nutrient losses in the rumen through dietary inclusion of cashew nut shell liquid: An *in vitro* and *in vivo* evaluation. ***Proceedings of the annual conference of the British Society of Animal Science (BSAS) in association with AVTRW, CFER and Eblex***, (BSAS) p033. Published by BSAS
57. Okunade, S.A., Isah, O.A., **Yusuf, K.O.**, Olafadehan, O.A., Makinde, O.J. and Ajayi, J. **2018**. Effects of processing methods on proximate composition and anti-nutritional components of Rolfe (*Daniella oliveri*) seeds. ***Book of Abstracts, 43rd Annual Conference of Nigeria Society for Animal Production(NSAP)***, Federal University of Technology, Owerri 18th-22nd March, 2018. Pg 245. Published by NSAP
58. **Adebayo, K.O.**, Aderinboye, R.Y., Oni, A.O., Akinbode, R.Y., Adelusi, O.O., Isah, O.A. and Onwuka, C.F.I. **2019**. Growth performance and rumen microbial population of West African dwarf goats fed diets containing scent leaf (*Ocimum gratissimum*). Proceedings of the 44th annual conference of the Nigerian Society for Animal Production, University of Abuja, 17th-21st March, 2019. Pg 5-8. Published by NSAP
59. ***Adebayo, K.O.**, Ipinmoroti, T.O., Aderinboye, R.Y., Sanwo, K.A., Oyewusi, I.K., Isah, O.A. **2019**. Effect of scent leaf (*Ocimum gratissimum*) meal on rumen fermentation, methane production and microbial population *in vitro*. 8th ASAN-NIAS Joint annual meeting, Umuahia, Abia state, Sept. 2019. Published by ASAN
60. ***Adebayo, K.O.** Olatomiwa, O.A., Olaleye, T.O., Akinbode, R.M. and Onwuka, C.F.I. **2020**. Nutrient intake and digestibility in West African dwarf goats fed diets containing *Vernonia amygdalina* (Bitter leaf) as phytogetic additive, Proceedings 45th Annual Conference of Nigerian Society for Animal Production (NSAP), 15-19th March, 2020, Abubakar Tafewa Balewa University and Federal Polytechnic, Bauchi, Nigeria pg1689-1693. Published by NSAP
61. *Akinbode, R.M. Isah, O.A., Oni, A.O., **Adebayo, K.O.** and Omoniyi, L.A. **2020**. Rumen fermentation parameters and microbial profile of West African dwarf sheep fed sugarcane top treated with different nitrogen sources. Proceedings Proceedings 45th Annual Conference of Nigerian Society for Animal Production (NSAP), 15-19th March, 2020, Abubakar Tafewa Balewa University and Federal Polytechnic, Bauchi, Nigeria pg1702-1706. Published by NSAP
62. *Aderinboye, R.Y. Salami, T.A., Adelusi, O.O., **Adebayo, K.O.**, Akinbode, R.M. and Onwuka, C.F.I. **2020**. Effect of cinnamon (*Cinamonum cassia*) powder on *in vitro* methane production and fermentation of maize stover-based substrate. Proceedings 45th Annual Conference of Nigerian Society for Animal Production (NSAP), 15-19th March,

2020, Abubakar Tafewa Balewa University and Federal Polytechnic, Bauchi, Nigeria
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*Additional publication since promotion

^F Articles published in foreign/ offshore outlets and proceedings of international conferences

10. MAJOR CONFERENCES ATTENDED WITH PAPERS READ

1. 3rd ASAN-NIAS Joint annual meeting, International Conference Centre, University of Ibadan, Nigeria, September 7-11, 2014.
Theme: Value Addition in the Nigerian Livestock Industry: A strategy for Economic Growth and Stakeholders' Empowerment
Paper read: Yusuf, K.O., Sotubo, M.T., Adelusi, O.O., Ojo, V.O.A., and C.F.I. Onwuka **2014**. Effect of exogenous enzyme additive on nutrient digestibility and nitrogen utilization by West African dwarf sheep fed total mixed ration. Book of Abstract, pp 44
2. 39th Annual conference of Nigerian Society for Animal Production held at Babcock University, Ilishan-Remo, Ogun state, Nigeria "BABCOCK 2014" 16th-19th March, 2014
Theme: Positioning Animal Production in the Agricultural Transformation Agenda
Paper read: Yusuf, K.O., Isah, O.A., Olanite, J.A., Oni, A.O., Omoniyi, L.A. and Onwuka, C.F.I. **2014**. Effects of enzyme additive on *in vitro* parameters of fresh grass and grass-hay based diets for ruminants' feeding. Proceedings of the 39th Annual conference of Nigerian Society for Animal Production "BABCOCK 2014". Pp 168-172.
3. 21st Annual conference of Animal science Association of Nigeria held at University of Port Harcourt, 18th -22nd September, 2016.
Theme: Repositioning Animal Agriculture in a dwindling oil economy
Paper read: Yusuf, K.O., Aderinboye, R.Y., Ojo, V.O.A., A.O. Oni, Adelusi, O.O., Isah, O.A. and Onwuka, C.F.I. **2016**. Growth performance of West African dwarf goats fed Urea-treated orange and pineapple pulp based diets. *Proceedings of 21st Annual Conference of Animal Science Association of Nigeria (ASAN)*, University of Port Harcourt, 18th-22nd September, 2016. Pg1011-1014.
4. 44th Annual conference of Nigerian Society for Animal Production held at University of Abuja, 17th – 21st March, 2019.
Theme: Repositioning Livestock Industry for Sustainable Economic Development in a Diversifying Economy
Paper read: Adebayo, K.O., Aderinboye, R.Y., Oni, A.O., Akinbode, R.Y., Adelusi, O.O., Isah, O.A. and Onwuka, C.F.I. **2019**. Growth performance and rumen microbial

population of West African dwarf goats fed diets containing scent leaf (*Ocimum gratissimum*). Proceedings of the 44th annual conference of the Nigerian Society for Animal Production, University of Abuja, 17th-21st March, 2019. Pg 13.

5. 8th ASAN-NIAS Joint annual meeting, Umuahia, Abia state, Sept. 2019

Paper Read: Adebayo, K.O., Ipinmoroti, T.O., Aderinboye, R.Y., Sanwo, K.A., Oyewusi, I.K., Isah, O.A. **2019.** Effect of scent leaf (*Ocimum gratissimum*) meal on rumen fermentation, methane production and microbial population *in vitro*. 8th ASAN-NIAS Joint annual meeting, Umuahia, Abia state, Sept. 2019

6. 45th Annual Conference of Nigerian Society for Animal Production (NSAP), 15-19th March, 2020, Abubakar Tafewa Balewa University and Federal Polytechnic, Bauchi, Nigeria

Paper Read: Adebayo, K.O. Olatomiwa, O.A., Olaleye, T.O., Akinbode, R.M. and Onwuka, C.F.I **2020.** Nutrient intake and digestibility in West African dwarf goats fed diets containing *Vernonia amygdalina* (Bitter leaf) as phytogenic additive, Proceedings 45th Annual Conference of Nigerian Society for Animal Production (NSAP), 15-19th March, 2020, Abubakar Tafewa Balewa University and Federal Polytechnic, Bauchi, Nigeria pg1689-1693.

11. INFORMATION ON STUDENTS SUPERVISION

Post graduate supervision

S/ N	Name/ PG No.	Title	Programme / Dept	Year of Registration	Level of Supervision	Remarks
1	Otamere E. PG/12/0154	Performance Characteristics and Rumen Microbial Population of West African dwarf Sheep fed Total Mixed Ration with enzyme additive	PGD/ Animal Nutrition	2012/2013 session	Sole supervision	Completed
2	Sotubo, M.T. PG/12/0677	Effect of enzyme additive on Nutrient Digestibility and Blood Characteristics of West African dwarf Sheep fed Total Mixed Ration	PGD/ Animal Nutrition	2012/2013 session	Sole supervision	Completed
3	Oyebo, A.T PG/13/0240.	Nutritional evaluation and phytochemical screening of some crop by-products and residues for livestock feeding	PGD/ Animal Nutrition	2013/2014 session	Sole supervision	Completed
4	Ajeigbe, O.M. PG/13/0361	Assessment of the nutritive quality of some crop by-products and residues for livestock feeding	PGD/ Animal Nutrition	2013/2014 session	Sole supervision	Completed
5	Aranju, O.A. PG/14/0893	Performance of weaner rabbits fed cassava sievate base diets	PGD/ Animal Nutrition	2014/2015 session	Sole supervision	Completed
6	Jolaosho, O.O. PG	Effects of <i>Moringa oleifera</i> leaf meal as protein	M. Agric./ Animal	2014/2015	Co-supervision	Completed

	14/0772	supplement in cassava peel-based diets for West African dwarf rams	Production and Health			
7	Adetunji, A.P. PG 14/0750	Nutrient utilization by West African dwarf goats fed diets containing cashew nut shell liquid as feed additive	M. Agric./ Animal Nutrition	2014/2015 session	Co-supervision	Completed
8	Bakare, M.A. PG 14/0816	Response of West African dwarf bucks to cassava peel mash supplemented with <i>Ficus thoningii</i> foliage	M. Agric./ Pasture and Range management	2014/2015 session	Co-supervision	Completed
9	Omage, J.O. PG 14/0958	Response and meat quality of West African dwarf goats fed fresh and boiled <i>Thaumatococcus danielli</i>	M. Agric./ Animal Production and Health	2014/2015 session	Co-supervision	On-going Anticipated date of completion is 2015/2016 session
10	Ijigade, J. PG 14/0648	Performance of West African dwarf goats fed <i>Panicum maximum</i> supplemented with different browse plants-based multi-nutrient feed blocks	M. Agric./ Animal Nutrition	2014/2015 session	Co-supervision	Completed
11	Idowu, J.O. PG 14/0975	Nutritional evaluation of ensiled cassava leaf and root meal by weaner rabbits	M. Agric./ Animal Nutrition	2014/2015 session	Co-supervision	Completed
12	Ogbonna, C.C. PG 15/0112	Utilization of fermented cassava in the diet of laying birds	PhD / Animal Nutrition	2015/2016	Co-supervision	On-going Anticipated date of completion is 2017/2018 session
13	Okunade, S.O. PG 11/0144	Daniella Oliveri seed meal in the diet of West African Dwarf goats	PhD / Animal Nutrition	2015/2016	Co-supervision	Completed
14	Ewetola, I.O. PG 13/0766		PhD / Pasture and Range Management	2015/2016	Co-supervision	Completed
15	Balogun, F.A. PG 15/0365	Growth performance, haematological and meat quality characteristics of West African dwarf goats fed <i>Tithonia diversifolia</i>	M. Agric./ Animal Production and Health	2015/2016 session	Co-supervision	Completed
16	Raheem, A.A. PG 15/0287	Effect of copper and vitamin E supplementation on the performance of West African dwarf goats	M. Agric./ Animal Production and Health	2015/2016 session	Co-supervision	Completed
17	Peter, U.V. PG 15/0202	Resource Use and Production Efficiency of milk production by small holder farmers in Kano state	M. Agric. Agric. Economics	2015/2016 session	Co-supervision	On-going Anticipated date of completion is 2016/2017 session
18	Ipinmoroti, T. PG/16/0457	Scent leaf extract as rumen modifier for West African Dwarf goats	M. Agric. ANN	2016/2017	Major supervisor	Completed
19	Owolabi, A.J.	Performance evaluation of	M. Agric.	2016/2017	Co-	Completed

	PG/16/0154	West African dwarf goats fed diets containing varying levels of water hyacinth (<i>Eichhornia crassipes</i>)	APH		supervision	
20	Olagoke, F.T. PG/17/0468	Response of West African dwarf goats to diets containing <i>Petiveria alliacea</i> leaf meal	M. Agric. ANN	2017/2018	Major supervisor	On-going Anticipated date of completion is 2018/2019 session
21	Komolafe, T.M. PG/17/0351	Response of West African dwarf goats to diets containing varying levels of citrus peels	M. Agric. ANN	2017/2018	Co-supervisor	On-going Anticipated date of completion is 2018/2019 session
22	Salami Titilope Pg/17/0072	In vitro and in vivo evaluation of Rauwolfia vomitoria leaves as phyto-genic additives in the diets of West African dwarf goats	M. Agric. ANN	2017/2018	Co-supervisor	On-going Anticipated date of completion is 2018/2019 session
23	Adebayo T.J. PG/18/0470	Response of West African dwarf goats to Morinda lucida leaf extract	M. Agric. ANN	2018/2019	Major	On-going Anticipated date of completion is 2019/2020 session
24	Saliu, K.G PG/18/1/0294	In vitro evaluation of clove powder as phyto-genic feed additive	PGD ANN	2018/2019	Major	
25	Osuntade	In vitro evaluation of aqueous extract of clove as phyto-genic feed additive	PGD ANN	2018/2019	Major	
26	Ambali, B. H, PG 18/0642	Replacement of soyabean meal with processed Enterolobium cyclocarpum seed and foliage combination as pellets for rabbits	M. Agric PRM	2018/2019	Co-supervisor	On-going Anticipated date of completion is 2019/2020 session
27	Lawal, A.A., PG /17/0508	Effect of urea and Sulphur supplementation on the performance of West African dwarf sheep fed sweet potato peel based	M. Agric APH	2017/2018	Co-supervisor	On-going Anticipated date of completion is 2019/2020 session
28	Gbadamosi, M.S., PG/18/0186		M. Agric. APH	2018/2019	Co-supervisor	On-going Anticipated date of completion is 2019/2020 session
29	Ayankoso, M.T., PG/07/103	In vitro and in vivo evaluation of four different plants on Haemonchus contortus in artificially infected West African dwarf goats	PhD APH	2018/2019	Co-supervisor	On-going Anticipated date of completion is 2020/2021 session

Undergraduate Supervision

Session	Number of students
2012/2013	Nil
2013/2014	6
2014/2015	8
2015/2016	9
2016/2017	11
2017/2018	9
2018/2019	8
2019/2020	8
Total	59

12 EXTRA CURRICULAR ACTIVITIES

Reading and Writing

13. REFEREES

Prof. C.F.I. Onwuka,

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