

Dr. (Mrs) Risikat Mojisola AKINBODE

Lecturer/Researcher

Department of Animal Nutrition

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Dr. Risikat Mojisola AKINBODE is a Lecturer I at the Department of Animal Nutrition, Federal University of Agriculture Abeokuta, Nigeria. She holds a B. Agric. in 2005, M. Agric. in 2012 and PhD in 2015 in Animal Nutrition from the Federal University of Agriculture, Abeokuta, Nigeria. Her areas of research interest focus on Feed resources for ruminants, Feed utilization efficiency and Metagenomics. She has published a total of fourteen (14) articles in learned Journals and she has attended a number of Academic Conferences within Nigeria where she has nine (10) edited conference proceedings. She is also a reviewer for a number of referred academic Journals. She has supervised a total of twenty (20) first degree projects and co-supervised two (2) Master projects. She teaches Principles of Animal Nutrition, Ruminant Animal Nutrition, Feed Safety and Quality control and Instrumentation in Animal Science among other courses.

CURRICULUM VITAE

01. PERSONAL DATA

- (i) Name: AKINBODE, Risikat Mojisola (Nee Sadiq)
- (ii) Date of Birth: 21st July, 1979
- (iii) Place of Birth: Ode Remo, Ogun State
- (iv) Age: 41 Years
- (v) Sex: Female
- (vi) Marital Status: Married
- (vii) Nationality: Nigerian
- (viii) Town and State of Origin: Ode Remo, Ogun State
- (ix) Contact Address: Department of Animal Nutrition,
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Ogun State, Nigeria.
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- (xi) E-mail Addresses: akinboderm@funaab.edu.ng
rmakinbode@yahoo.com
- (xii) Date of confirmation: October 2, 2019
- (xiii) Post on Promotion: Lecturer I

02. EDUCATIONAL BACKGROUND

(i) Educational Institutions Attended (with Dates)

- (a) Federal University of Agriculture, Abeokuta, Ogun State 2012 – 2015
- (b) Federal University of Agriculture, Abeokuta, Ogun State 2008 – 2012
- (c) University of Agriculture, Abeokuta, Ogun State 1999 – 2005
- (d) Saapade Grammar School, Remo, Ogun State 1991 – 1997
- (e) Ansar-ud-deen Primary School, Ode Remo, Ogun State 1986 – 1991

(ii) Academic and Professional Qualifications (with Dates)

- (a) Ph. D. (Ruminant Animal Nutrition) 2015
- (b) Master of Agriculture (Ruminant Animal Nutrition) 2012
- (c) Bachelor of Agriculture (Option in Animal Nutrition) 2005
- (d) West African Senior School Certificate 1997
- (e) Primary School Leaving Certificate 1991

(iii) Prizes, Honours, Scholarships, National and International recognition

- (a) Federal Government Undergraduate Scholarship Award for Undergraduate Student in Higher Institution of Learning 2003

03. WORK EXPERIENCE

- (a) Work experience

S/N	EMPLOYER	DESIGNATION	DATE
i	Federal University of Agriculture, Abeokuta	Lecturer II	October 2017 to date
ii	East-city College, Ikorodu, Lagos State	Tutor	March 2007 – June 2008
iii	Government Secondary School, Bet, Pankshin, Plateau State NYSC	Tutor	February 2006 – January 2007

- (b) Teaching Experience at the Federal University of Agriculture, Abeokuta

Session	Course code	Course title	Unit	Number of students	Contact hours	Number of Lecturers
2016/2017	ANN 598	Seminar II	1	103	1	12
2017/2018	ANN 503	Ruminant Animal Nutrition	3	500	3	6
	ANN 303	Principles of Animal Nutrition	3	1200	3	4
	AGS 597	Seminar I	1	96	1	12
	AGS 598	Seminar II	1	96	1	12
	AGS 599	Project	4	5	4	1
	ANN 817	Forage and Utilization	3	4	3	3
	ANN 723	Cattle Nutrition	3	1	3	2
2018/2019	ANN 503	Ruminant Animal Nutrition	2	506	2	6

	ANN 303	Principles of Animal Nutrition	3	1200	3	4
	ANN 502	Feed Safety and Quality Control	2	77	2	7
	AGS 597	Seminar I	1	77	1	12
	AGS 598	Seminar II	1	77	1	12
	AGS 599	Project	4	5	4	1
	ANN 817	Forage and utilization	3	6	3	3
	ANN 723	Cattle Nutrition	3	3	3	2
2019/2020	ANN 503	Ruminant Animal Nutrition	2	450	2	6
	ANN 509	Instrumentation in Animal Science	2	411	2	5
	ANN 502	Feed Safety and Quality Control	2	102	2	
	ANN 511	Commercial Feed Mixtures and Premix Production	2	55	2	2
	AGS 597	Seminar I	1	102	1	18
	AGS 598	Seminar II	1	102	1	18
	AGS 599	Project	4	6	4	1
	PDA 712	Feed and Feed resources	3	4	3	2
	PDA 723	Cattle Nutrition	3	4	3	2
	ANN 817	Forage and Utilization	3	4	3	2

04. **SPECIAL ASSIGNMENT/COMMUNITY SERVICE:**

(a) **Institutional/College Assignments**

- (i) Departmental Part-time Exam officer and Coordinator November 2017 to date
- (ii) Departmental Level Adviser for 100 Level Students 2018/2019 session
- (iii) Department level adviser for 200 level students 2019/2020 session

(b) **Special Assignments**

- (i) Member, Small Ruminant Technical Committee 2019 to date
- (ii) Member, Cattle Management Technical Committee 2019 to date
- (iii) Member, Departmental Laboratory Committee 2019 to date
- (iv) Member, FUNAAB Muslim Association (FUNAAMAA) 2007 to date
- (v) Secretary, Ata'alim Centre for Muslim Women, Obantoko 2018 to date

05. **TRAINING PROGRAMME ATTENDED (with dates)**

(a) Advanced Digital Appreciation Programme for Tertiary Institutions (ADAPTI): Training in Statistical Package for Social Sciences. Organized by Digital Bridge Institute in collaboration with Nigerian Communications Commission held at Federal University of Agriculture, Abeokuta, from 09 – 13 July, 2018.

(b) Training Workshop on Grant Sourcing and Proposal Writing. Theme: Research Grant Sourcing: A Panacea for Research Development in Nigeria. Organized by Directorate of Grants Management, Federal University of Agriculture, Abeokuta, Nigeria, 10th – 11th October, 2018.

06. **MEMBERSHIP OF PROFESSIONAL BODIES**

- i. Member, Nigerian Society of Animal Production (NSAP)
- ii. Member, Society for Grassland Research and Development in Nigeria (SOGREDEN)
- iii. Member, Animal Science Association of Nigeria (ASAN)
- iv. Member, National Association of University Women (NAUW), FUNAAB Branch

07. **RESEARCH INTEREST OR COMMISSIONED PROJECTS**

(a) **Research in Completed**

- i. Utilization of Sugarcane top in ruminant feeding
- ii. Effects of urea treated maize stover supplemented with *Gmelina arborea* on performance and microbial profile of West African dwarf goats

(b) **Research in Progress**

- i. Response of West African dwarf goats to diets containing *Cassia fistula* leaf meal as phytogetic feed additive.
- ii. Rumen fermentation manipulation and improvement on nutrient utilization in ruminants using *Calotropis procera* leaf meal

08. PUBLICATIONS

(A) *Project, Dissertation and Thesis*

- i. **Sadiq, R. M.** 2005. Performance of Weaner Rabbits Fed Cotton Seed Cake as Replacement for Soybean meal. B.Agric Project. Department of Animal Nutrition, University of Agriculture, Abeokuta, Nigeria. 48pp
- ii. **Akinbode, R. M.** 2012. Comparative studies on effect of different roughage sources on performance, digestibility and rumen ecology of West Africa dwarf Sheep M. Agric. Dissertation, Department of Animal Nutrition, Federal University of Agriculture, Abeokuta, Nigeria. 72pp
- iii. **Akinbode, R. M.** 2015. Nutritional Evaluation of Sugarcane top ensiled with broiler litter and urea by West African dwarf Sheep. PhD Thesis. Department of Animal Nutrition, Federal University of Agriculture, Abeokuta, Nigeria. 179pp

(B) **Articles in Learned Journals**

1. Omoniyi, L.A, Isah, O.A, Olorunsola, R.A, Osofowora, A. O, **Akinbode, R.M**, Yusuf, K.O, Olanite, J.A. (2013), Nutrient and Anti-nutritional constituents of *Penisetum purpureum* and four indigenous Tree legume of South-Western Nigeria: A Potential Ruminant Feed. ***Nigerian Journal of Animal Production***, 40 (1): 152-160. ISSN 0331-2064, Published by Nigerian Society for Animal Production (NSAP), **Nigeria**
2. ^F**Akinbode, R. M.**, Isah, O. A., Oni, A. O., Adewumi, O. O., Omoniyi, L. A. 2014. Effect of different tropical roughages on nutrients digestibility and rumen fermentation parameters of West African dwarf sheep during dry season. ***Indian Journal of Animal Sciences***, 84 (10): 1105 – 1108. ISSN 0367- 8318. Published by the Indian Council of Agriculture, India.
3. Isah, O. A., Ijiyemi, A. V., Ajayi, O. A., Afolabi, B. E., Talabi, J. O. K., Omolabi, O. A. and **Akinbode, R. M.** 2015. Morphological Identification of Rumen Microbial Isolate and Rumen Metabolites of West African dwarf sheep supplemented with forage-based Multi-nutrient blocks. ***Nigerian Journal of Animal Production***. 42 (1):143-156. ISSN 0331-2064. Published by Nigerian Society for Animal Production (NSAP), **Nigeria**
4. ^F**Akinbode, R.M.**, Isah, O.A., Oni, A.O., Arigbede, O.M and Ojo, V.O.A. 2017. Nutritional evaluation of sugarcane top ensiled with varying proportion of broiler litter. ***Livestock Research for Rural Development***, 29(1). Published by Fundacion Centro para la Investigacion en Sistem as Sostenibles de Produccion Agropecuaria (CIPAV), Cali, **Colombia**
5. ^FOjo, V.O. A., Akinade, G.A., Adetokunbo, G.A., Lamidi, A.A., Jolaoso, A. O. Aderinboye, R.Y., Amole, T.A., Amole, T.A., **Akinbode, R.M.**, Okukenu, O.A. and 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***, 94(4): 362-371. Published by Faculty of Food and Agriculture, University of West Indies, **Trinidad and Tobago**

6. **Akinbode, R. M.**, Isah, O. A., Oni, A. O., Adebayo, K. O., Aderinboye, R. Y., Adelusi, O. O. and Ojo, V. O. A. 2018. Nutrient digestibility and blood parameters of West African dwarf sheep fed sugarcane top silage. *Nigerian Journal of Animal Production* 45 (2): 304-315. Published by Nigerian Society for Animal Production (NSAP), **Nigeria**
7. 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**
8. Adelusi, O. O., **Akinbode, R. M.**, Adebayo, K. O., Stephen, K. M., Oluwasegun, A. S. and Onwuka, C. F. I. 2018. Performance, rumen characteristics and blood profile of West African dwarf goats fed varying levels of yeast (*Saccharomyces cerevisiae*). *Nigerian Journal of Animal Production*, 45(5) 143 – 151. Published by Nigerian Society for Animal Production (NSAP), **Nigeria**
9. **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 Nigerian Society for Animal Production (NSAP), **Nigeria**
10. Adebayo, K.O., **Akinbode, R.M.**, Ojo, V.O.A., Aderinboye, R.Y. and Onwuka C.F.I. 2019. Effect of different processing methods on chemical composition and *in vitro* gas production of some browse plants for ruminant feeding. *Nigerian Journal of Animal Science* 21(2): 165-174. Published by Animal Science Association of Nigeria (ASAN), **Nigeria**
11. ^FAderinboye, R. Y, Salami, T. A., Adelusi, O. O., Adebayo, K. O., **Akinbode, R. M.** and Onwuka, C. F. I. 2020. Effect of cinnamon powder on methane emission and degradation of maize stover-based substrate in an *in vitro* medium. *Livestock Research for Rural Development*. 32 (90). Published by Fundacion Centro para la Investigacion en Sistem as Sostenibles de Produccion Agropecuaria (CIPAV), Cali, **Colombia**
12. **Akinbode R. M.**, Afuape, S. O., Isah, O. A. and Onwuka, C. F. I. 2020. Evaluation of Pennisetum purpureum and orange-fleshed sweet potato vine mixed silage as dry season feed for ruminants. *Journal of Animal Production Research*, 32(1):69-77. Published by national Animal Production Research Institute (NAPRI), **Nigeria**
13. ^F**Akinbode, R. M.**, Adebayo, K. O., Aderinboye, R. Y., Adefalujo, H. D. and Akiode, H. O. 2021. Nutrient digestibility, nitrogen balance and rumen fermentation parameters of West African dwarf goats offered treated maize stover supplemented with *Gmelina arborea*. *Journal of Agriculture and Rural Development in the Tropics and Subtropics (JATS)*, 122(1):73-81. Publish by University of Kassel, **Germany**
14. ^FAdebayo, K. O., Olagoke, F. T., **Akinbode, R. M.** and Aderinboye, R.Y. 2021. Effects of Petiveria alliacea (guinea hen weed) leaf extract on methane production and rumen fermentation *in vitro*.

^FArticles published in foreign Journals

(c) **Referred Conference Proceedings**

15. Isah, O. A. and **Akinbode, R. M.** 2012. Performance of West African dwarf sheep fed selected tropical roughage sources: Rumen microbial analysis and nutrient utilization. **Conference Proceeding of the World Academy of Science, Engineering and Technology**, October, 2012, Dubai, UAE. Issue 70:681-685. ISSN 2010-3778
16. Ahmad, R.A., Ojo, V. O. A., Adetokunbo, G. A., Akinade, G.A., Idowu, T. O., Yekini, D. F., Odunaye, B. T., **Akinbode, R. M.**, Olagoke, K. O., Adeoye, S. A. and Isa, J. K. 2015. Fermentation parameters of *Pennisetum purpureum* ensiled with proportion of processed *Enterolobeum cyclocarpum* seeds at different storage length. **Proceedings 1st Annual Conference of Society for Grassland Research and Development in Nigeria (SOGREDEEN)**, 5th – 9th December, 2015, Federal University of Agriculture, Abeokuta, Nigeria. 98 – 100
17. **Akinbode, R.M.**, Isah, O.A., Oni, A.O. and Arigbede, O.M. 2016. Effect of urea treatment and period of preservation on physical and nutritive value of sugarcane top silage. **Proceedings 41st Annual Conference of Nigerian Society for Animal Production (NSAP)**, 20th – 24th March, 2016, Federal University of Agriculture Abeokuta, Ogun State, Nigeria. 567 – 570
18. Isah, O.A., **Akinbode, R.M.** and Akinsanya, A.O. 2016. Intake and weight gain of West African dwarf goats fed *Panicum maximum* supplemented with multi-nutrient block. **Proceedings 41st Annual Conference of Nigerian Society for Animal Production (NSAP)**, 20th – 24th March, 2016, Federal University of Agriculture Abeokuta, Ogun State, Nigeria. 502 – 504. Published by NSAP
19. Adebayo, K. O., Aderinboye, R. Y., Oni, A. O., **Akinbode, R. M.**, 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 44th Annual Conference of Nigerian Society for Animal Production (NSAP)**, 17th – 21st March, 2019, University of Abuja, Abuja, Nigeria Pg 5-8. Published by NSAP
20. **Akinbode, R. M.**, Isah, O. A., Oni, A. O., Adebayo, K. O. and Omoniyi, L. A. 2020. Rumen fermentation parameters and microbial profiles of West African dwarf sheep fed sugarcane top treated with different nitrogen sources. **Proceeding 45th Annual Conference of Nigerian Society for Animal Production (NSAP)**, 15th – 19th March, 2020, Abubakar Tafawa Balewa University and Federal Polytechnic, Bauchi, Nigeria. 1702 – 1706. Published by NSAP
21. 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 phyto-genic additive, **Proceeding 45th Annual Conference of**

Nigerian Society for Animal Production (NSAP), 15th – 19th March, 2020, Abubakar Tafawa Balewa University and Federal Polytechnic, Bauchi, Nigeria. 1689-1693. Published by NSAP

22. 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. *Proceeding 45th Annual Conference of Nigerian Society for Animal Production (NSAP)*, 15th – 19th March, 2020, Abubakar Tafawa Balewa University and Federal Polytechnic, Bauchi, Nigeria. 1613-1616. Published by NSAP
23. ^FAdebayo, K.O., Ipinmoroti, T. O., Aderinboye, R. Y., **Akinbode, R. M.** Adelusi, O. O. and Onwuka, C. F. I. 2020. Effect of varying doses of *ocimum gratissimum* (scent leaf) leaf extract on faecal worm egg count of West African dwarf goats: The Challenge of Change. *Proceedings 76th Annual Conference of British Society of Animal Science (BSAS)*, J. M. Brameld et al. (Eds.) 109. Published by Cambridge University Press, United Kingdom.
24. Omoniyi, L. A., Akinbode, R. M., Isah, O. A. and Onwuka, C. F. I. 2021. Mineral profile of four selected tree forage species consumed by small ruminants in the South-western Nigeria. *Proceeding 46th Annual Conference of Nigerian Society for Animal Production (NSAP)*, 14th – 18th March, 2021, Federal University, Dutsin-ma, Katsina, Nigeria. 560 – 563. Published by NSAP

09. MAJOR CONFERENCES ATTENDED WITH PAPERS READ

- (i) 41st Annual Conference of Nigerian Society for Animal Production (NSAP), 20th– 24th March, 2016, Federal University of Agriculture, Abeokuta, Ogun State, Nigeria
Theme: New Technologies for Enhanced Animal Production in Nigeria
Paper read: **Akinbode, R.M.**, Isah, O.A., Oni, A.O. and Arigbede, O.M. Effect of urea treatment and period of preservation on physical and nutritive value of sugarcane top silage

10. INFORMATION ON FELLOWSHIP, MASTER’S PROJECTS AND Ph.D THESIS SUPERVISED

- (i) POSTGRADUATE SUPERVISION

S/ No	Name of Student/PG No	Research title	Year of Commencement/ Department	Completed /on-going	Level of supervision
1.	Fabinu M. A. PG16/0372	Effect of fibrolytic enzyme-probiotic mixture on crop by-product fed to West African Dwarf Goats	2016/2017 ANN Dept.	On-going	Co-supervisor

2.	Olagoke, F. T. PG17/0468	Response of West African dwarf goats to diets containing Guinea hen weed (<i>Petiveria alliacea</i>)	2017/2018 ANN Dept.	On-going	Co-supervisor
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11. EXTRA CURRICULAR ACTIVITIES

Reading, Writing, Listening to News and Sports

12. REFEREES

1. Prof. (Mrs) O. A Isah

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2. Dr. A. O. Oso

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3. Dr. M. A. Busari

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Signature

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Date