

CURRICULUM VITAE

Imounu IKHIMIOYA, Ph.D. (Animal Science)
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UNIVERSITY EDUCATION

Ph.D. Animal Science (Ruminant Production/Nutrition) Ambrose Alli University, Nigeria. 2005
M.Sc. Animal Science University of Ibadan, Nigeria. 1984
B.S. Agriculture (Animal Science) Lincoln University, Missouri, USA. 1981

RESEARCH INTEREST

- ☐ Fermentative digestion of forage cell wall constituents
- ☐ Assessment of chemical and physical properties of forages fed to ruminants
- ☐ Evaluating intake and utilization of nutrients from forages by ruminants
- ☐ Nutrition and management factors affecting productivity of small ruminants

PUBLICATIONS

Ikhimioya, I. 1991. Artificial rearing: A possible tool for improved lamb production. *Abraka Journal of Agriculture*, **1**: 103-110.

Ikhimioya, I. 1991. Small ruminant production: A means of increasing protein supply in Nigeria. In: Awaritefe, D. (Ed.), *Resource Utilization for National Development in Nigeria. An Interdisciplinary Approach*. RUMAN. Pp 40-58.

Ikhimioya, I. and Olagunju, B.O. 1996. Chemical composition of selected green plants available to small ruminants in the dry season in humid Nigeria. *Tropicultura*, **14 (3)**: 115-117.

Arijeniwa, A., **Ikhimioya, I.**, Bamidele, O.K. and Ogunmodede, B.K. 1996. Riboflavin requirement for breeding hens in a humid tropical environment. *Journal of Applied Animal Research*, **10**: 163-166.

Bratte, L., **Ikhimioya, I.** and Arijeniwa, A. 1997. Reproductive performance in relation to parity, in Yorkshire X Landrace pigs reared intensively in humid tropics of southwestern Nigeria. *Journal of Applied Animal Research*, **12**: 197-202.

Ikhimioya, I. and Arijeniwa, A. 1998. A preliminary investigation on the effect of season on some performance characteristics of black haco layers in Delta state Nigeria. *Nigerian Agricultural Journal*, **29**: 170-174.

Ikhimiya, I. and Bratte, L. 1999. Effects of artificial rearing on the survival and early growth of lambs. *Nigerian Agricultural Journal*, **30**: 83-88.

Bratte, L., Arijeniwa, A. and **Ikhimiya, I.** 1999. Age and body weight and their relationship with testicular and horn development in Yankasa X West African Dwarf crossbred rams. *Journal of Applied Animal Research*, **15(2)**: 201-206.

Ikhimiya, I., Arijeniwa, A., Eyoufe, S.U. and Dode, O. 2000. Effect of condition and length of storage on the physical quality of shell eggs from shaver layers in a tropical environment. *Journal of Management and Technology*, **2**: 98-102.

Arijeniwa, A., **Ikhimiya, I.** and Ogunmodede, B.K. 2001. Riboflavin requirement of growing tom turkeys in Nigeria. *Journal of Management and Technology*, **3**: 160-164.

Ikhimiya, I., Isah, O.A., Ikhatua, U.J. and Bamikole, M.A. 2005. Rumen degradability of dry matter and crude protein in tree leaves and crop residues of humid Nigeria. *Pakistan Journal of Nutrition*, **4 (5)**: 313-320.

Ikhimiya, I. and Imasuen, J.A. 2007. Blood profile of West African Dwarf goats fed *Panicum maximum* supplemented with *Azelia africana* and *Newbouldia laevis*. *Pakistan Journal of Nutrition*, **6 (1)**: 79-84.

Ikhimiya, I., Bamikole, M.A., Omoregie, A.U. and Ikhatua, U.J. 2007. Compositional evaluation of some dry season shrub and tree foliages in a transitionally vegetated zone of Nigeria. *Livestock for Rural Development*. Volume 19, Article # 34. <http://www.cipav.org.co/lrrd/lrrd19/03/ikhi19034.htm>

Njidda, A.A. **Ikhimiya, I.** and Aliyu, I. (2008). Nutritive evaluation of some browseable trees and shrub leaves from semi arid region of Nigeria. *Journal of Arid Agriculture*. 18: 21-27.

Oteku, I.T., **Ikhimiya, I.** and Obiku, A. (2008). Effect of graded levels of rabbit meat inclusion on chemical, bacteriological and organoleptic attributes of composite rabbit meat/chevon frankfurters. *Nigerian Journal of Agriculture and Forestry*. 2 (1): 89-97.

Ikhimiya, I., Isah, A.O., Akhidenor, K.O. and Otite, E. (2008). Dry matter and nitrogen degradation parameters of some tropical tree foliages eaten by West African Dwarf sheep. *Journal of Applied Animal Research*, **33**: 153-158.

Ikhimiya, I. (2008). Acceptability of selected shrub/tree leaves in Nigeria by West African Dwarf goats. *Livestock for Rural Development*. Volume 20, Article # 90. <http://www.cipav.org.co/lrrd/lrrd20/6/ikhi20090.htm>

Imasuen, J.A. and **Ikhimiya, I.** (2009). An assessment of the reproductive performance of estrus synchronized West African Dwarf (WAD) does using medroxyprogesterone acetate (MPA). *African Journal of Biotechnology*. 8 (1): 103-106. <http://www.ajol.info/index.php/ajb/article/viewFile/59745/48025>

Njidda, A.A. and **Ikhimiya, I.** (2010). Correlation between chemical composition and *In Vitro* dry matter digestibility of leaves of semi-arid of North-eastern Nigeria. *American-Eurasian Journal of Agricultural and Environmental Sciences*. 9(2): 169-175. [http://idosi.org/aejaes/jeas9\(2\)/11.pdf](http://idosi.org/aejaes/jeas9(2)/11.pdf)

Njidda, A.A. and **Ikhimiya, I.** (2010). *In vitro* gas production and dry matter digestibility of semi-arid browses of North Eastern Nigeria. *Slovak Journal of Animal Science*, 43: 154-159.

Isidahomen, E.C., **Ikhimiya, I.**, Njidda, A.A., Okoruwa, M.I., Okoruwa, M.I., Utulu, G.G. and Imasuen, S.I. (2010). Gene x Season effects on fertility and hatchability of Nigerian local and exotic chickens. *Nigerian Journal of Agriculture and Forestry*. 2 (2): 179-188.

Njidda, A.A. and **Ikhimiya, I.** (2010). Nutritional evaluation of some semi-arid browse forages as feed for goats. *European Journal of Applied Sciences*, 2(3): 108-115. [http://idosi.org/ejas/2\(3\)10/3.pdf](http://idosi.org/ejas/2(3)10/3.pdf)

Isidahomen, E.C., **Ikhimiya, I.**, Njidda, A.A., Okoruwa, M.I., and Omoikhoje, S.O. (2010). Haematological and serum biochemical indices of different species of ruminants in humid tropical environment. *International Journal of Animal Science*, 2(1): 99-101.

Isidahomen, C.E., Ekuagbere, C.E. and **Ikhimiya, I.** (2011). Comparative evaluation of haematology and serum biochemical indices of poultry species in a humid tropical environment. *Nigerian Journal of Agriculture and Forestry*. 3 (1): 33-42.

Okoruwa, M.I., Igene, F.U., **Ikhimiya, I.** and Isidahomen, C.E. (2011). Nutrient digestibility and growth performance of West African dwarf sheep using *Panicum maximum* and dried pineapple pulp as basal diets. *Nigerian Journal of Agriculture and Forestry*. 3 (1): 43-52.

Isidahomen, E.C., **Ikhimiya, I.**, Njidda, A.A., and Okoruwa, M.I. (2011). Haematological parameters and blood chemistry of different species of ruminant animals in humid tropical environment. *Nigerian Journal of Agriculture and Forestry*. 3 (1): 85-90.

Njidda, A.A., **Ikhimiya, I.** and Muhammad, B.F. (2012). *In-sacco* and *in-vitro* degradation of selected indigenous semi-arid Nigerian browses. *Biological and Environmental Sciences Journal for the Tropics*, 9 (1): 56-61.

Njidda, A.A., **Ikhimiya, I.** and Muhammad, B.F. (2012). *In-situ* cellulose and hemicelluloses disappearance and fermentation characteristics of some semi arid fodder plants used as feeds for ruminants. *Biological and Environmental Sciences Journal for the Tropics*, 9 (1): 79-85.

Okoruwa, M.I., Njidda, A. A. and **Ikhimiya I.** (2012). Effects of *Panicum maximum* and Cassava peels with rice husk on Growth performance and Haematological Parameters of West Africa Dwarf (WAD) sheep. *Savannah Journal of Agriculture*, 7 (1):37-42.

Okoruwa, M. I. and **Ikhimiya, I.** (2014). Haematological Indices and Serum Biochemical Profiles of Dwarf Goats Fed Elephant Grass and Varying Levels of Combined Plantain with Mango Peels. *American Journal of Experimental Agriculture* 4(6): 619-628.

Okoruwa, M. I., Adewumi, M. K., Bamigboye, F. O. and **Ikhimiya, I.** (2014). Effect of feeding guinea grass and varying levels of avocado seeds with orange peels on nitrogen metabolism and rumen microorganisms in rams. *Nigerian Journal of Animal Science*, 16 (1 & 2): 124-132.

Omoike, A., **Ikhimiya, I.** and Akintayo, A. (2014). Seasonal distribution of major diseases among sheep and goats in selected sub humid areas in Nigeria. *Journal of Agriculture, Science and Technology* 16 (2): 87-95.

Isidahomen, C. E., **Ikhimiya, I.** and Amaza, I. B. (2015). Response of cock semen minerals to dietary supplementation of ginger (*Zingiber officinale*) and vitamin C. In: *Proceedings of the 49th Annual Conference of the Agricultural Society of Nigeria*. **49**: 1298-1300.

PUBLICATIONS IN CONFERENCE PROCEEDINGS

Arijeniwa, A., Bratte, L., Oteku, I.T. and **Ikhimiya, I.** 1999. Performance of weaner rabbits fed varying levels of lima beans. In: *Proceedings of the 4th Annual Conference of the Animal Science Association of Nigeria*. **4**: 146-147.

Ikhimiya, I., Arijeniwa, A., Oteku, I.T. and Ahmed, A. 2000. Preliminary investigation on the haematology of the Nigerian indigenous chicken. In: *Proceedings of the 5th Annual Conference of the Animal Science Association of Nigeria*. **5**: 10-12.

Ikhimiya, I. and Oriakhi, A.I. 2004. Proximate composition of fresh and dry leaves of some shrub and tree leaves eaten by small ruminants in the derived savannah of Edo State, Nigeria. In: *Proceedings of the 29th Annual Conference of the Nigerian Society of Animal Production*, **29**: 139-141.

Bamgbose, A.M., Arijeniwa, A., Soile, T., **Ikhimiya, I.**, Isah, O.A. and Omoikhoje, S.O. 2004. Carcass and haematological parameters of cockerel starters fed rice millings waste-based diets. In: *Proceedings of the 29th Annual Conference of the Nigerian Society of Animal Production*, **29**, 244-246.

Bamgbose, A.M., Akinlabi, H., Oboh, S.O., Aruna, M.B., **Ikhimiya, I.**, Oteku, I.T., Igene, F.U. and Otoikhian, C.S.O. (2004). Replacement value of Copra Meal (*Cocus nucifera*) for Soya bean meal in weaner rabbit diets. In: *Proceedings of the 9th Annual Conference of Animal Science Association of Nigeria*. September 13th–16th 2004. Pp. 26-27.

Isah, O.A. and **Ikhimiya, I.** 2006. Nutrient composition, dry matter and nitrogen degradation of some agro-industrial by-products in the rumen of West African Dwarf Sheep. In: *Proceedings of the 11th Annual Conference of the Animal Science Association of Nigeria*, **11**: 183-185.

Ikhimiya, I., Bamikole, M.A. and Ikhatua, U.J. (2007). Nutrient content, crude protein and fibre degradation of selected leaves in the rumen of West African Dwarf goats. In: *Proceedings of the 32nd Annual Conference of the Nigerian Society for Animal Production*, Vol. 32. Pp. 548-551.

Njidda, A.A. **Ikhimiya, I.**, Abbattor, F.I. and Ngoshe, A.A. (2009). Nutritional effects of tannins in animal nutrition. In: *Proceedings of the 34th Annual Conference of the Nigerian Society for Animal Production*, Vol. 34. Pp. 629-632.

Njidda, A.A. **Ikhimiya, I.**, Abbattor, F.I. and Ngoshe, A.A. (2009). Proximate chemical composition and some anti-nutritional constituents of selected browses of semi-arid region of Nigeria. In: *Proceedings of the 34th Annual Conference of the Nigerian Society for Animal Production*, Vol. 34. Pp. 633-635.

Njidda, A.A. **Ikhimiya, I.** and Muhammad, I.R. (2010). Feed potential of *Ziziphus mauritiana* as browse to goats in Sudano-Sahelian region of Nigeria. In: *Proceedings of the 35th Annual Conference of the Nigerian Society for Animal Production*, Vol. 35. Pp. 473-476.

Njidda, A.A. **Ikhimiya, I.**, Muhammad, I.R. and Amaza, I.B. (2010). Chemical composition, fibre fraction and anti-nutritive substances of selected semi-arid browse. In: *Proceedings of the 35th Annual Conference of the Nigerian Society for Animal Production*, Vol. 35. Pp. 477-480.

Njidda, A.A. **Ikhimiya, I.** and Muhammad, I.R. (2010). Chemical composition and its relationship to *in vitro* dry matter degradability of leaves of semi-arid browse species forages. In: *Proceedings of the 35th Annual Conference of the Nigerian Society for Animal Production*, Vol. 35. Pp. 491-494.

Njidda, A.A. **Ikhimiya, I.** and Babayemi, O.J. (2010). Variation of 24h *in vitro* gas production and estimated metabolizable energy values of ruminant feeds. In: *Proceedings of the 35th Annual Conference of the Nigerian Society for Animal Production*, Vol. 35. Pp. 597-600.

Isidahomen, C. E., **Ikhimiya, I.** and Amaza, I. B. (2015). Response of cock semen minerals to dietary supplementation of ginger (*Zingiber officinale*) and vitamin C. In: *Proceedings of the 49th Annual Conference of the Agricultural Society of Nigeria*. **49**: 1298-1300.

TEACHING/SUPERVISION EXPERIENCES

Undergraduate Courses:

Department of Animal Science, Ambrose Alli University, Ekpoma, Nigeria

- ❖ AGR 215: Principles of Animal Production
- ❖ AGR 307: Ruminant Animal Production
- ❖ ANS 502: Cattle, Sheep and Goat Production
- ❖ ANS 512: Ruminant Nutrition
- ❖ ANS 514: Pasture and Range Management
- ❖ ANS 520: Undergraduate Project Supervision

Department of Agricultural Science, Bendel State University, Abraka, Nigeria

- ❖ AGS 102: Introduction to Animal Science
- ❖ AGS 201: Agricultural biochemistry
- ❖ AGS 212: Animal Nutrition
- ❖ AGS 214: Animal Production and Management I
- ❖ AGS 316: Animal Breeding
- ❖ AGS 323: Animal Production and Management II

- ❖ AGS 403: Animal Nutrition and Pasture Management
- ❖ AGS 408: Animal Improvement
- ❖ AGS 417: Animal Production and Management

Postgraduate Courses

- ❖ ANS 705: Biochemical Control Mechanism and Action of Hormones
- ❖ ANS 706: Practical Animal Nutrition and Feed Formulation
- ❖ ANS 707: Advances in Beef Cattle Production
- ❖ ANS 712: Advanced Ruminant Nutrition
- ❖ ANS 713: Selected Topics in Animal Nutrition
- ❖ ANS 716: Advances in Dairy Cattle Production and Management
- ❖ ANS 717: Advances in Small Ruminant Production
- ❖ ANS 718 Pasture and Range Management
- ❖ ANS 799: Graduate Research Supervision

PROJECT/THESIS SUPERVISION TO DATE

Major supervisor to two (2) Ph.D students
 Co-Supervisor to two (2) Ph.D students
 Major supervisor to six (6) M.Sc. students
 Supervisor to over 40 undergraduate students

PROFESSIONAL AND ACADEMIC EMPLOYMENT

- 2011- Present Professor, Department of Animal Science, Ambrose Alli University, Ekpoma, Nigeria.
- 2008-2011 Reader, Department of Animal Science, Ambrose Alli University, Ekpoma, Nigeria.
- 2005-2008 Senior Lecturer, Department of Animal Science, Ambrose Alli University, Ekpoma, Nigeria.
- 1999-2005 Lecturer 1, Department of Animal Science, Ambrose Alli University, Ekpoma, Nigeria.
- 1994-1999 Lecturer 1, Department of Animal Science, Edo State University, Ekpoma, Nigeria.
- 1991-1994 Lecturer 11, Department of Agric. Science, Bendel State University, Abraka-Campus, Abraka, Nigeria.
- 1985-1991 Assistant Lecturer, Department of Agric. Science, Bendel State University, Abraka-Campus, Abraka, Nigeria.
- 1982-1984 Graduate Assistant, Department of Animal Science, Bendel State University, Ekpoma, Nigeria.

OTHER PROFESSIONAL EXPERIENCES

- 2015 Assessment of a Senior Lecturer to the rank of Associate Professor for the University of Abuja
- Visiting Lecturer, 2012/2013 Academic Session Department of Animal Science, University of Benin, Benin City, Edo State. (Sabbatical Leave)

- 2009-2010 and 2010-2011 Academic Sessions External Examiner (Undergraduate), Department of Animal Nutrition, Federal University of Agriculture, Abeokuta, Nigeria.
- Livestock Officer, National Veterinary Research Institute, Vom, Plateau State, Nigeria. (National Youth Service), 1981-1982.

PUBLIC LECTURE/WORKSHOP PRESENTATIONS

Computation and proper presentation of students' results. Being a paper presented at a one-day workshop for Lecturers in the Faculty of Agriculture, Ambrose Alli University, Ekpoma. 11th April 2012.

Utilization of crop residues of dry season for feeding small ruminants. Being a paper presented at the Monthly Technology Review Meeting (MTRM) for Edo Agricultural Development Programme, 31st October 2013, Benin City, Nigeria.

AWARD(S)/HONOR(S)

- Nigerian Government Undergraduate Scholarship, Lincoln University, Jefferson City Missouri, USA, 1978-1981. (Supervised by USAID/Phelps Stokes Fund).
- Dean's Honors List. Lincoln University, Jefferson City, Missouri, USA. (Fall Semester, 1980).

REVIEW ACTIVITIES

- Member, Scientific Advisory Board of International Journal of Livestock Research. (Online)
- Editorial Board Member/Reviewer, Nigerian Journal of Agriculture and Forestry, Faculty of Agriculture, Ambrose Alli University, Ekpoma, Nigeria.
- Reviewer, Nigerian Annals of Natural Sciences, Faculty of Natural Sciences, Ambrose Alli University, Ekpoma, Nigeria.
- Member, Protem Editorial Board of Abraka Journal of Agriculture.

PROFESSIONAL MEMBERSHIPS

- ✧ Registered Animal Scientist (RAS)
- ✧ Nigerian Society of Animal Production (NSAP)
- ✧ Animal Science Association of Nigeria (ASAN)
- ✧ Agricultural Society of Nigeria (ASN)