

Abridged profile of Professor Jegede Adebayo Vincent

Professor, Jegede Adebayo Vincent was born on 11th October, 1972. He is a native of Igasi-Akoko, Ondo State, Nigeria. He attended Local Authority Primary where he obtained Primary School Leaving Certificate in 1982 and St. Augustine's Comprehensive High School, Oye Ekiti, where he obtained West Africa School Certificate in 1989. Young Adebayo later proceeded to Federal University of Agriculture, Abeokuta for his Bachelor of Agriculture (2nd Class Upper Division), 1999, Master of Agriculture specialising in Animal Nutrition in 2003 and Doctor of Philosophy (Ph.D) specialising in Monogastric Animal Nutrition in 2007.

Professor Jegede joined the services of the Federal University of Agriculture in 2001 as Graduate Assistant and rose to the rank of Professor in October, 2015. He has won several research grants such as TETFund-IBR on National research grant on "*Viable options for development of complete micronutrient mixtures for poultry using adaptable technologies*"- December 2014 -2016, 2014-2016, Nationally Coordinated Research on Poultry (NCRP-Poultry) funded under West Africa Agricultural Productivity Programme (WAAPP).- 2015, Tetfund-NRF on Use of white and red sorghum in poultry feeding and implication of locally produced tannase enzyme 2019-2022.

Professor Jegede has served the university in several capacity: Acting Head, Department of Animal Nutrition (2015-2017), Member, Senate Coordinating Committee on Examination Results (SECOCER) 2015 till date, College representative, Admission Committee (2015-2018), College Representative, Timetable Committee, 2009-2012, Member, Teaching Farms Management Committee (TEFAMAC), 2003-2012 among others. He belongs to several professional bodies such as. Nigerian Society for Animal Production, Nutrition Society of Nigeria, Animal Science Association of Nigeria, World Poultry Science Association - Nigerian Branch, Agricultural Society of Nigeria, Nigeria Institute of Animal Science.

Professor Jegede has over publications in national and international articles. He has supervised 115 undergraduate students' projects and 40 M. Agric dissertations and PhD thesis.

CURRICULUM VITAE OF PROFESSOR A. V. JEGEDE

(01) PERSONAL

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|-------|-----------------|--------------------------------|
| (i) | Name in Full: | Dr.. JEGEDE Adebayo Vincent |
| (ii) | Date of Birth: | 11 th October, 1972 |
| (iii) | Place of Birth: | Igasi Akoko |
| (iv) | Age: | 45 years |

- (v) Sex: Male
- (vi) Marital Status: Married
- (vii) Nationality: Nigerian
- (viii) Town and State of Origin: Igasi-Akoko, Ondo State
- (ix) Contact Address: Department of Animal Nutrition, Federal University of Agriculture, P.M.B 2240, Abeokuta, Ogun State, Nigeria.
- (x) Phone Number: +2348035397280
- (xi) Email Address: vinbjegede@yahoo.com, jegedeav@funaab.edu.ng

(02) EDUCATIONAL BACKGROUND:

(a) Educational Institutions Attended with Dates

- (a) University of Agriculture, Abeokuta (1993-1999)
- (b) University of Agriculture, Abeokuta (2000-2003)
- (c) University of Agriculture, Abeokuta (2003- 2007)

(b) Academic and Professional Qualifications with Dates:

- (i) B. Agric. (Animal Nutrition), Second Class Upper Division, 1999.
- (ii) M. Agric. (Monogastric Animal Nutrition) 2003.
- (iii) Ph.D. (Monogastric Animal Nutrition) 2007

(03) WORKING EXPERIENCE

Work History

- (1) **Reader:** Department of Animal Nutrition, Federal University of Agriculture, Abeokuta. 2015-till date
- (2) **Senior Lecturer:** Department of Animal Nutrition, Federal University of Agriculture, Abeokuta. 2012- 2015
- (3). **Lecturer I:** Department of Animal Nutrition, University of Agriculture, Abeokuta. 2009- 2012
- (4). **Lecturer II:** Department of Animal Nutrition, University of Agriculture, Abeokuta. 2006- 2009
- (5). **Assistant Lecturer:** Department of Animal Nutrition, University of Agriculture, Abeokuta. 2003- 2006
- (5). **Graduate Assistant:** Department of Animal Nutrition, University of Agriculture, Abeokuta. 2001- 2003
- (6). **Agric. Officer:** Sokoto Agricultural and Community Development Project / International Fund for Agricultural Development (SACDP/IFAD), Sokoto State. (NYSC). 1999-2000

Teaching Experience

- (a) At the Department of Animal Nutrition, University of Agriculture, Abeokuta, I was involved in teaching tutorial and practical classes in ANN 202, ANN 303 and ANN509 courses at 200-500 levels. 2001-2003
- (b) Result officer, Animal Nutrition Department, 2001-2009
- (c) At the University of Agriculture (2003 to date), I teach the following courses:

Course Code	Level	Course Title
ANN 202	Undergraduate	Introduction to Animal Biochemistry
ANN 304	Undergraduate	Principles of Agricultural Biochemistry
ANN 306	Undergraduate	Nutrient Requirement of Farm Animals I
ANN509	Undergraduate	Instrumentation and Feed Analysis
AGS 597	Undergraduate	Seminar 1
AGS 598	Undergraduate	Seminar 2
AGP 599	Undergraduate	Project

ANN 801	Postgraduate	Minerals and Vitamin Metabolism
ANN802	Postgraduate	Instrumentation and Feed Analysis
ANN807	Postgraduate	Bioenergetics
MBA802	Postgraduate	Commercial Feed production and feed quality

(c) Student Supervision:

(a) Undergraduate Students Supervised from year 2003 till date = 115

2003/2004 - 5	2008/2009 - 06	2012/2013 - 08	2016/2017 - 10
2005/2006 - 5	2009/2010 - 07	2013/2014 - 08	2017/2018- 08
2006/2007 - 5	2010/2011 - 06	2014/2015 - 10	2018/2019 - 08
2007/2008 - 5	2011/2012 - 08	2015/2016 - 10	2019/2020 - 05

S/N	Name of Student/Matric No	Postgraduate Program	Level of Supervision	Status
1	Aina, O. O. PG11/0122	M. Agric.	Major Supervisor	Completed
2	Ajobiewe, S.B PG11/00125	M. Agric.	Major Supervisor	On-going
3	Ogunsola, I.A.	M. Agric.	Major Supervisor	completed
4	Akinpelu, A.J. PG13/0470	M. Agric.	Major Supervisor	On-going
5	Ogunsola J.B PG13/ 0781	M. Agric.	Major supervisor	Completed
6	Binuyo O PG15/0682	M. Agric.	Major supervisor	On-going
7	Osungbemi O.S PG17/0572	M.Agric.	Major supervisor	On-going
8	Lawal, R. F. PG11/0135	M. Agric.	Co-supervisor	Completed
9	Odunewu A.E PG11/0140	M.Agric	Co-supervisor	Completed
10	Akpan, U. PG09/0005	M. Agric	Co-supervisor	Completed
11	Sorongbe, T. A. PG09/0069	M. Agric,	Co-supervisor	Completed
12	Olatoye, B. B. PG10/0081	M. Agric,	Co-supervisor	Completed
13	Akande, S. A. PG08/0065	M. Agric,	Co-supervisor	Completed
14	Odekunle, T. E. PG08/0074	M. Agric	Co-supervisor	Completed
15	Ashiru, O.M. PG07/0056	M. Agric	Co-supervisor	Completed
16	Osundare, T. O, PG08/006	M. Agric	Co-supervisor	Completed
17	Oduwole, I.O. PG13/0270	M. Agric	Co-supervisor	Completed
18	Balogun S.I PG14/0604	M.Agric	Co-supervisor	Completed
19	Nwaezeigwe, F.O. G12/0226	M. Fish	Co-supervisor	Completed
20	Adekunle, M.O PG13/003	M.Agric,	Co-supervisor	Completed
21	Babatunde F.T	MSc. (NUD)	Co-supervisor	Completed
22	Daramola O.M PG12/0680	M. Agric	Co-supervisor	Completed
23	Ajani E. O PG13/0386	M. Agric	Co-supervisor	completed
24	Bello O.R PG14/0821	M. Agric	Co-supervisor	On-going
25	Taiwo A.O PG 14/0821	M. Agric	Co-supervisor	On-going
26	Dosunmu O.A PG13/0132	M.Agric	Co-supervisor	On-going
27	Akwamuzor V.E PG14/0664	MSc	Co-supervisor	On-going
28	Osijo, K.A PG15/0014	M.Agric	Co-supervisor	On-going

29	Tinuala A.J PG14/0811	Ph.D	Major supervisor	On-going
30	Lawal, R. F. PG11/0135	Ph.D	Major supervisor	On-going
31	Lawal O. E PG11/0136	Ph.D	Major supervisor	On-going
32	Ogunsola I.A PG12/0143	Ph.D	Major supervisor	On-going
33	Agbonghae W PG16/0596	Ph.D	Major supervisor	On-going
34	Osundare, T.O, PG08/006	Ph.D	Co-supervisor	Completed
35	Osofowora, A. O. PG02/0254	Ph.D	Co-supervisor	Completed
36	Adedire, A. O. PG01/0114	Ph.D	Co-supervisor	Completed
37	Odewale T.E PG09/0074	Ph.D	Co-supervisor	On-going
38	Oyenekan, A. J.PG01/0331	Ph.D	Co-supervisor	On-going
39	Imade A.A PG15/0402	Ph.D	Co-supervisor	On-going
40	Popoola Adesola	Ph.D	Co-supervisor	On-going

M.Sc., M.Agric. and Ph.D Students Supervised from 2007 till date = 40

(04) SPECIAL ASSIGNMENTS / COMMUNITY SERVICE

1. Acting Head, Department of Animal Nutrition 2015-2017
2. Editor-in-Chief, Nigerian Poultry Science Journal (NPSJ), 2015-till date
3. Reviewer of National and International Journals
4. Deputy Editor, Nigeria Poultry Science Journal, (NPSJ), 2007- 2015.
5. Treasurer, World's Poultry Science Association, Nigerian Branch, 2003-2007
6. Treasurer, LOC, 1st & 2nd Nigeria International Poultry Summit 2005 & 2007
7. Member, LOC Nigeria International Poultry Summit (NIPS), 2009,2013, 2015.
8. Member, LOC African International Poultry Summit (NIPS), 2011

Community Service

1. Returning Officer, Governorship and House of Representatives
General Election in Odogbolu Local Government, 2011
2. Pastor, Deeper Life Bible Church, OkeAregba District, Abeokuta, 2013-2014
3. Pastor, Deeper Life Bible Church, Apakila District, Abeokuta, 2014 2016
4. Group Pastor, Deeper Life Bible Church, Camp Group, Abeokuta 2016-2017
5. Group Pastor, Deeper Life Bible Church, Osiele Group, Abeokuta 2017 till date

University Committee Membership

1. Member, College Board of Animal Science and Livestock Production, 2003 till date
2. Member, College Board of Studies, College of Animal Science and Livestock
Production, 2015-2018
3. College Representative, Timetable Committee, 2009-2012
4. Member, Teaching Farms Management Committee (TEFAMAC), 2003-2012
5. Member, House and Space Allocation Committee (HOUSEPAC), 2006-2013

6. College representative, Junior Staff Sub-Committee of Appointments and Promotion Committee of Non-Teaching staff (APCONTS), 2010 -2012.
7. Member, College Committee on Examination Result (COCER), 2010-2016
8. Member, Poultry Management Technical Committee (POMTEC), 2003-2009; 2013 till date
9. Member, Piggery Management Technical Committee (PIMTEC), 2003-2009: 2013 till date
10. Member, COLANIM Feedmill Committee, 2006-2009; 2013 till date
11. College representative, Admission Committee (ADMICO), 2015 till date
13. External member, College Committee on Examination Results, College of Physical Science, 2015 till date
14. Member, Senate Coordinating Committee on Examination Results (SECOCER) 2015 till date

05 TRAINING PROGRAMMES ATTENDED WITH DATES

1. Workshop on Teaching and Academic Administration in the Nigerian University System organized by Research and Development Centre (RESDEC) University of Agriculture, Abeokuta. Sept., 14-16, 2005.
2. Workshop on Writing Grant-Winning Proposals organized by the Research and Development Centre (RESDEC) University of Agriculture, Abeokuta. Jan., 4-6, 2006
3. Workshop for Academic Staff on Extension Orientation organized by the Agriculture Media Resources and Extension Centre (AMREC) of the University of Agriculture, Abeokuta. April 18-19, 2006.
4. Standardization Workshop on Animal feeds standards: Standardization of feeds and feedstuffs organized by Standard Organization of Nigeria, Ogun State Agricultural Development Project, Idi-Aba, Abeokuta. 26th Sept., 2006.
5. Training workshop on E-resources AGORA/ HINARI/ OARE/ PROTA/TEEL offered under the leadership of the United Nations Food and Agriculture Organization and World Health Organization, conducted May 5-8, 2009 at the University of Agriculture, Abeokuta.
6. Mandatory continue professional education Training (MPCE) for registered Animal Scientist in Nigeria organized by Nigeria Institute of Animal Science (NIAS), Moot Court, University of Nigeria, Enugu, Enugu State, August, 2011.
7. Stakeholders' workshop on Nationally Coordinated Research Project on Poultry (NCRP-Poultry) on identifying research projects for possible implementation organized by Agricultural Research Council of Nigeria (ARC�) held in July, 6-8, 2014 at Ibadan.

06 COMMENDATIONS

- (1) Letter of commendation from Acting Head of Department, Department of Animal Nutrition for the contribution towards accreditation exercise by the National University Commission, Abuja on 13th-17th November, 2006.
- (2) Received letter of congratulation from Vice-chancellor, University of Agriculture, Abeokuta for the successful completion of Ph.D - 2007
- (3) Award of Distinction and plaque for meritorious service as Farm practical Year instructor/supervisor, 2007/2008 Session
- (4) Letter of commendation from Acting Head of Department, Department of Animal Nutrition for contribution to the timely and successful computation Semester 2007/2008 results (100-FNG 1 levels) 6th February, 2009.
- (5) Letter of commendation from the Vice-Chancellor, Federal University of Agriculture, Abeokuta for the invaluable contribution to raising a specially-bred Jumbo Turkeys for 2012 Christmas and end of year seasons. April 2, 2013

07 MEMBERSHIP OF PROFESSIONAL BODIES

1. Member, Nigerian Society for Animal Production
2. Member, Nutrition Society of Nigeria
3. Member, Animal Science Association of Nigeria
4. Member, World Poultry Science Association, Nigerian Branch
5. Member, Agricultural Society of Nigeria
6. Nigeria Institute of Animal Science (Registered Animal Scientist-NIAS/RAS/00716)

(08) RESEARCH INTEREST OR COMMISSIONED PROJECTS:

(a) Research in Progress

1. Redefining B-vitamins requirements for broilers and Turkeys
2. Supplementation of phyto-genic plants in the diets of poultry, rabbits and pigs on their growth and immune system
3. Locally produced natural vitamins and minerals in broilers nutrition
4. Use of Diatoms in poultry nutrition

(b) Research Completed but yet to be published

1. Utilization of maize, wheat, sorghum and cassava by broilers and pigs
2. Phyto-additives in broiler's nutrition
3. Re-defining B-vitamins requirements for broilers chickens and turkeys

4. Dietary oils in broilers and turkeys nutrition
5. Protease enzyme in broilers and turkeys diets

University Extension Activities

- (1) Resource person, Open – Day Program Organized by the World’s Poultry Science Association, Nigerian Branch (WPSA-NB) in partnership with Agricultural Media Resources and Extension Centre (AMREC), UNAAB. I organized on-farm training in Poultry management for invited secondary schools from Ogun, Osun, Oyo and Lagos States. University of agriculture, Abeokuta, August, 2008.
- (2) Resource person, Programme organized for 20 secondary schools in Lagos by World’s Poultry Association Nigeria Branch in commemoration of World Food Day. Generally, the programme aimed at arousing the student’s interest in Agriculture and specifically poultry production, Women Development Centre, Pen Cinema, Agege, Lagos, August, 2009.
- (3) Poultry waste to wealth organized by World’s Poultry Science Association Nigeria Branch to educate the poultry farmers on how to turn poultry waste to useful products at Faniyi Farms, Igbesa, Ogun State, July, 2010
- (4) Resource person, Capacity workshop on broiler production for secondary schools students in Ogun State, organized by Agricultural Media and Research Centre (AMREC), Federal University of Agriculture, Abeokuta. February, 2013
- (5) Resource person, Refresher course for postgraduate students on Advanced Techniques in poultry nutrition research, organized by Centre of Excellence for Agricultural Development and Sustainable Environment Federal University of Agriculture, Abeokuta. February, 2017

Extra Curricular Activities

Gardening, Reading, and Listening to religious song

(09) PUBLICATIONS

Projects, Dissertation and Thesis

1. Jegede, A. V. (1999). Nutritive value of malted sorghum sprouts. (B Agric., Research project, University of Agriculture, Abeokuta) Pp 56
2. Jegede, A. V. (2003). Effect of processing methods on the utilization of shrimp waste meal by broiler chickens. (M. Agric. Dissertation, University of Agriculture, Abeokuta) Pp 99
3. Jegede, A. V. (2007). Bioavailability and Utilization of Organic and inorganic copper sources by meat and egg-type chickens (Ph.D thesis, University of Agriculture, Abeokuta) Pp 137.

(b) *Articles in Learned Journals:*

1. Oduguwa, O. O., A. O. Fanimu, E. A. Iyayi, **A. V. Jegede** and A. O. K. Adeshinwa. 2001. Nutritive Value of Malted Sorghum Sprout. *Tropical Journal of Animal Science*. 4(1):205-206, Published by Animal Science Association of Nigeria. Available at <http://www.ajol.info/index.php/tjas>
2. Oduguwa, O. O., A. O. Fanimu, and **A. V. Jegede**. 2004. Effect of Enzyme supplementation on the utilization of shrimp waste meal based diets by broiler chicken. *Nigerian Journal of Animal Production*, 31(2): 167-173, Published by The Nigerian Society for Animal Production, Nigeria. Available online at <http://www.ajol.info/index.php/njap>
3. **Jegede, A. V.**, O. O. Oduguwa, A. O. Fanimu, A. M. Bamgbose and J. A. Agunbiade. 2006. Effect of processing methods on the utilization of shrimp waste by broiler chicken. *Nigerian Journal of Animal Production* 33(1): 23-38, Published by the Nigerian Society for Animal Production, Nigeria. Available online at <http://www.ajol.info/index.php/njap>
4. Idowu O.M.O , Sogunle, O. M, Idowu, O. A., **Jegede, A. V.** Alabi, E. E, Adenugba, A. O. and Bamgbose, A. M. 2006. Performance and carcass characteristics of weaner rabbits fed diets containing cassava root peel and cassava root sievate. *Tropical Journal of Animal Science*. 9 (1) 81-87 Published by Animal Science Association of Nigeria. Available at <http://www.ajol.info/index.php/tjas>
5. **Jegede, A. V.**, A. O. Fafiolu, O. J. Falaye and O. O. Oduguwa. 2008. Utilisation of diets containing malted sorghum sprout (MSP) by growing rabbits. *ASSET Series A* 8(2):110-117, Published by the University of Agriculture, Abeokuta, Nigeria. Available at <http://www.unaab.edu.ng/asset>
6. **Jegede, A. V.**, A.O. Oso, A.M. Bamgbose and A.O. Abioye. 2009. Utilization of Fermented Pigeon pea (*Cajanus cajan*) meal in diets for broiler chicken. *Nigeria Poultry Science Journal*. 6: 17-23, Published by The World's Poultry Science Association- Nigeria Branch.
7. **Jegede, A.V.**, Fafiolu,A.O., Oso, A.O., Sodehinde, D.O. Odewale, T. O. and Oduguwa,O.O. 2010. Comparative effect of organic and inorganic copper supplemented diets on performance and blood characteristic of growing rabbits. *Nigerian Journal of Animal Production* 37(2), 190-198, Published by the Nigerian

Society for Animal Production, Nigeria. Available online at <http://www.ajol.info/index.php/njap>

8. Idowu, O.M.O, Daisy Eruvbetine, Oso, A.O, **Jegede, A.V.** and Fafiolu, A.O. 2010. Plasma and liver cholesterol status of laying hens fed unpeeled cassava root meal based diets. *Nigeria Poultry Science Journal*. 7: 66-74, Published by The World's Poultry Science Association- Nigeria Branch.
9. Fafiolu,A.O., **Jegede, A.V.**, Oso, A.O., R.A Sobayo and O.M.O Idowu. 2010. Utilization of enzyme supplemented wheat offal-rice bran based diets on performance characteristics and serum biochemistry by meat-type chicken. *Nigerian Journal of Animal Production* 37(2), 199-206. Published by the Nigerian Society for Animal Production, Nigeria. Available online at <http://www.ajol.info/index.php/njap>
10. Oso, A. O., Sobayo, R.A., **Fafiolu, A.O.**, Jegede, A.V., Idowu, O.M.O., Lala, O.A., Olayemi, W.A., Osho, S.O. and Bamgbose, A. M. (2011). Growth, apparent nutrient digestibility and blood parameters of turkeys fed diets containing wheat or sorghum a sole cereal source. *Nigeria Poultry Science Journal*. 8:43-50. Published by World's Poultry Science Association, Nigeria Branch. . ISSN-2006-0718.
11. F **Jegede,A.V.** Oduguwa,O.O, Fanimu,A.O, Bamgbose,A.M and Nollet,L. 2011. Growth response, blood characteristics and copper accumulation in organs of broilers fed diets supplemented with organic and inorganic dietary copper sources. *British Poultry Science*,52:133-139 <http://www.tandfonline.com/doi/10.1080/00071668.2010.544714> (Taylor and Francis, United Kingdom)
12. F Oso, A.O., Sobayo, R., **Jegede, A. V.**, Fafiolu, A.O., Iyasere, O.S., Dele, P., Bamgbose, A.M and Cecilia, A. 2011. Effect of dietary inclusion of sorghum milling waste on growth response, nutrient utilisation, gut characteristics and caecal microflora of weaner rabbits. *Animal Science Journal*. 82: 468-474. <http://www.wiley.com/whale.com/doi/10.1111/j.1740-0929.2010.00848.x/pdf> (Wiley-Blackwell, Japan)
13. F **Jegede, A. V.**, Oduguwa, O.O., Oso, A.O., Fafiolu, A.O., Idowu, O.M.O., Nollet, L. 2012. Growth performance, blood characteristics and plasma lipids of growing pullet fed dietary concentrations of organic and inorganic copper sources. *Livestock Science* 145:298-302. Dio:10.1016/j.livsci.2012.02.011 (Elsevier, United Kingdom)
14. F Oso, A.O., Idowu, O.M.O., **Jegede, A.V.**, Olayemi, W.A., Lala, O.A., Bamgbose, A.M. 2012. Effect of dietary inclusion of fermented pigeon pea (*Cajanus cajan*) meal on growth, apparent nutrient digestibility and blood parameters of Cockerels. *Tropical Animal Health and production*, 44(7) 1581-1586. Dio10.1007/s11250-012-0109-1 (Springer, USA)
15. F Fafiolu, A. O., Oduguwa, O.O., Idowu, O.M.O., **Jegede, A.V.** Oso, A. O. and Oduguwa, B.A. (2012). Effect of in vitro multi-enzyme treatment of fibre content on un-decorticated sunflower seed meal. *Bulletin of Animal Health and Production in Africa*. 60: 491-499. Published by Inter-African Bureau for Animal Resources African Union. Available Online <http://www.ajol.info/index.php/bahpa/issue/current> Kenya

16. F Olajide M. Sogunle, Bukola B. Olatoye, Lawrence T. Egbeyale, **Adebayo V. Jegede**, Olajide A. Adeyemi, Deji A. Ekunseitan and Kazeem O. Bello. 2013. Feed Forms of Different Particle Sizes: Effects on Growth Performance, Carcass Characteristics, and Intestinal Villus Morphology of Cockerel Chickens. *The Pacific Journal of Science and Technology*.14 (2) 405-415
<http://www.akamaiuniversity.us/PJST.htm> USA
17. F Richard Abayomi Sobayo , Abimbola Oladele Oso, Olajide Ayorinde Adeyemi ,Adeboye Oluseun Fafiolu , **Adebayo Vincent Jegede** , Olusegun Mark Obafemi Idowu, Olawale Usman Dairo , Rita Blessing Iyerimah , Oyeniyi Anuoluwapo Ayoola and Ridwan Akorede Awosanya. 2013. Changes in growth, digestibility and gut anatomy by broilers fed diets containing ethanol-treated castor oil seed (*Ricinus communis*, L.) meal. *Revista Científica UDO Agrícola* 12 (3) 660-667. Published by Escuela e ingeniería Agronómica de Universidad de oriente. Available online <http://udoagricola.udo.edu.ve/V12N3UDOAgr/V12N3.pdf> Venezuela
18. F Fafiolu, A. O., Oduguwa, O. O. and **Jegede, A. V.** (2013). Enzyme supplementation of undecorticated sunflower seed meal in laying hens diet. *Tropical Agriculture (Trinidad)* 90(1): 52-61. Published by University of West Indies, Trinidad. Available Online <http://sta.uwi.edu/tropicalagriculture/journal.asp> Trinidad
19. **Jegede, A.V.**, Ogunisola, I.A. A.O. Adepoju, T.O. Amusan, W. O. Ogunwale. 2013. Performance and blood characteristics of finisher broilers fed diets containing two varieties of sorghum (*sorghum vulgaris* and *sorghum bicolor*) supplemented with methionine. *Nigeria Poultry Science Journal*. 10: 37-42 Published by World's Poultry Science Association, Nigeria Branch.
20. F Oso, A. O., Fafiolu, A.O., Adeleke, M.A., Ladokun, O.A., Sobayo, R.A., Peters, S.O., **Jegede, A. V.**, Oyebamiji, O.A. and Akinsola, J.(2014) Effect of dosage and application mode of L- carnitine on plasma lipid and egg-yolk cholesterol of turkeys, hatchability of eggs and post-hatch growth of their offsprings. *Animal Physiology and Animal Nutrition*. 98, 766-774. Published by Blackwell Publishing Company, U.K. Available online: <http://onlinelibrary.wiley.com/doi/10.1111/jpn.12134>. Germany.
21. F Abiola Olajetemi Akapo & Abimbola Oladele Oso & Adeyemi Mustapha Bamgbose & Kehinde A. Sanwo & **Adebayo Vincent Jegede** & Richard Abayomi Sobayo & Olusegun Mark Idowu & Juexin Fan & Lili Li & Rotimi A. Olorunsola. 2014. Effect of feeding cassava (*Manihot esculenta* Crantz) root meal on growth performance, hydrocyanide intake and haematological parameters of broiler chicks. *Tropical Animal Health and Production*. 46:1167-1172. DOI 10.1007/s11250-014-0622-5 (Springer, USA)
22. Daramola, J.O., Sorongbe, T.A., Onagbesan, O.M., **Jegede, A.V.**, Ladokun, A.O., Abiona, J.A. Abioja, M.O. and Ochefu, J. (2014). Effect of fruit-juice on spermatozoa viability and lipid peroxidation of Red Sokoto buck during liquid storage. *Nigerian Journal of Animal Production*, 41 (1): 16 - 27. Published by the Nigerian Society for Animal Production (NSAP)
23. F Adegbenjo, A. A., Idowu, O. M. O, Oso, A. O., Adeyemi, O. A., Sobayo, R. A. Akinloye, O.A., **Jegede, A. V.** Osho, S. O. Williams G. A. 2014. Effects of dietary supplementation with copper sulphate and copper proteinate on plasma trace minerals, copper residues in meat tissues, organs, excreta and tibia bone of cockerels . *Slovak Journal of Animal Science*, 47 (3): 164-171. Slovak Republic. Official Publication of

24. Sorongbe, T.A., Daramola, J.O., Onagbesan, O.M., **Jegede, A.V.**, Ladokun, A.O., Abiona, J.A., Abioja, M.O., Ochefu, J., Sodipe, O.G. and Ajiboye O.O. (2014). Protective effects of fruit juice on spermatozoa viability of West African Dwarf bucks during liquid storage. *Journal of Applied Agricultural Research*, 6 (1):171-180, 2014. Published by Agricultural Research Council of Nigeria (ARCN).
25. F Oso, A. O., Williams, G. A., **Jegede, A. V.**, Sobayo, R. A., Fafiolu, A. O., Idowu, O. M. O., Sogunle, M. O., Olorunsola, I. A. R., Ogunade, I. M., Osho, S. O., Obadire, F. O. and Bamgbose, A. M. (2014): Effect of combination of whole millet feeding and mannan oligosaccharides supplementation on growth performance, serum biochemistry and relative organ weights of growing guinea fowl (*Numidia meleagris*). *Livestock Science*. 159: 46-52. (Elsevier, United Kingdom) Available Online: <http://dx.doi.org/10.1016/j.livsci.2013.10.020> U.K
26. Osofowora, A.O. **Jegede, A.V.** Kareem, S.O. Obadire, F.O. Adegbejo, A.A. and Oduguwa, O.O. 2014. Comparative response of broiler chickens fed diets containing biodegraded malted sorghum sprouts (BMSP) and enzyme supplemented malted sorghum sprouts (EMSP). *Nigeria Poultry Science Journal*. 11: 154-163. Published by World's Poultry Science Association, Nigeria Branch..
27. Sogunle O.M., Odekunle, E.T., Adeyemi, O.A., Olaniyi, O.A, Ekunseitan, D.A and **Jegede, A.V.** 2014. Response of two strains of broiler chickens to feeding trough shapes. *Nigerian Journal of Animal Production*, 41 (2): 106 - 115. Published by the Nigerian Society for Animal Production (NSAP) <http://www.ajol.info/index.php/njap>
28. F **Jegede, A.V.**, A.O. Oso, A.O. Fafiolu, R.A. Sobayo, O.M.O Idowu, O.O. Oduguwa. 2015. Effect of dietary copper on performance, serum and egg yolk cholesterol and copper residues in yolk of laying chickens. *Slovak Journal of Animal Science* 48(1): 29-36. **Slovak Republic**. Official Publication of Animal Production Research Centre (APRC) Nitra, <http://dx.doi.org/10.1016/j.livsc.2015.05.029>).
29. Fafiolu, A.O., **Jegede, A.V.**, Teniola, A.A., Olarotimi, I.D., Odukoya, S.O., Alabi, J.O and Oduguwa, O.O. 2015. Performance, carcass characteristic and apparent nutrient digestibility of broiler chickens fed palm kernel extraction by products. *Nigerian Journal of Animal Production*, 42 (1): 110 - 117. Published by the Nigerian Society for Animal Production (NSAP) <http://www.ajol.info/index.php/njap>
30. **Jegede, A.V.** Oduguwa, O.O., Fafiolu, A.O, Olorunsola, R.A., Ibitoye, O.O., Ogunsola, I.A., Obadire, F.O and Awesu, J.A. 2015. Performance characteristics, plasma lipids and copper residue in organs and tissues of cockerel chickens fed dietary organic and inorganic copper. *Nigerian Journal of Animal Production*, 42 (1): 85 - 92. Published by the Nigerian Society for Animal Production (NSAP) <http://www.ajol.info/index.php/njap>
31. F Fafiolu, A. O. Oduguwa, O. O. **Jegede, A. V.** Tukura, C. C. Olarotimi, I. D Teniola, A.A and Alabi J. O. 2015. Assessment of enzyme supplementation on growth performance and apparent nutrient digestibility in diets containing undecorticated sunflower seed meal in layer chicks. *Poultry Science* 97: 1917-1922. <http://dx.doi.org/10.3382/ps/pev136> (Oxford Journals U.K)

32. F*Salami, S.A., Oduguwa, O.O., Oso. A.O., Fafiolu A.O., Sogunle, O.M, **Jegede, A.V.** Bello, F.A., Pirgozliev, V., Azevedo, L., 2016. Bioavailability of Cu, Zn and Mn from mineral chelates or blends of inorganic salts in turkeys fed supplemental Riboflavin or Pyridoxine. *Biological Trace Element Research*, 173 (1) 168-176. UK DOI 10.1007/s12011-016-0618-2. Published by Springer. USA
33. F*Salami, S.A. Oluwatosin, O.O. Oso. A. O, Fafiolu, A.O. **Jegede, A.V.** Adeleye, O.O. Sogunle, O.M. 2016. Growth, mineral bioavailability and bone quality of turkeys fed inorganic blends or mineral chelates of Cu, Zn and Mn. *Tropical Agriculture (Trinidad)*, 93 (4) 258-270 Published by University of West Indies, Trinidad. Available Online <http://sta.uwi.edu/tropicalagriculture/journal.asp> Trinidad
34. F*Abioja, M.O., Adekunle, M.O. Abiona, J.A., Sodipe, O.G. and **Jegede, A.V.** 2016. Laying performance, survival rate, egg quality and shell characteristics in laying pullets offered honey in drinking water during hot season. *Agricultura Tropica Et Subtropica*. 49 (1-4) 12-19. Published by Mendel University, Czech.
35. F* Oke, F.O., Oso, A.O., Oduguwa, O.O., **Jegede, A.V.**, Südekum, K-H., Fafiolu, A.O and Pirgozliev. V. 2016. Growth, nutrient digestibility, ileal digesta viscosity and energy metabolisability of growing turkeys fed diet containing malted sorghum sprout supplemented with enzyme or yeast. *Journal of Animal Nutrition and Animal Physiology*. 101(3) 449-456 DOI: 10.1111/jpn.12597. Germany. <https://www.ncbi.nlm.nih.gov/pubmed/27868305>
36. F*Fafiolu, A. O., **A. V. Jegede**, O. O. Oduguwa and M. A. Adebule. 2016. Utilisation of Malted Sorghum Sprouts in the diets of Pullet Chicks. *Partanika Journal of Tropical Agricultural Science* 39(1) 26-28. Published online in February 01, 2016. Universiti Putra **Malaysia**
37. F*Adekunle, M.O. Abioja, M.O, Abiona,J.A, **Jegede, A.V.**, Sodipe O.G. 2017. Rectal Temperature, Heart Rate, Packed cell Volume and Differential White Blood Cell Count of Laying Pullets to Honey Supplemented Water during Hot Dry Season. *Slovak Journal of Animal Science* 50(1): 15-20. **Slovak Republic**. Official Publication of Animal Production Research Centre (APRC) Nitra
38. F*Alabi, J.O., Fafiolu, A.O., Oso, A.O., **Jegede, A.V.**, Dada, I.D., Teniola, A.A and Oluwatosin, O.O. 2017. Physico-chemical and compositional changes in proprietary finished feeds stored under different conditions. *Archivos de Zootecnia*. 66 (256): 535-541. **Spain**
39. ***Jegede, A. V.**, Ogunsola, I. A., Fafiolu, A. O., Oluwatosin, O. O., Lawal, R. F. ., Odejayi, O. A and Adeniran, A. C. 2018. Growth performance, nutrient digestibility and haematological indices of broiler chickens fed diets supplemented with riboflavin and pyridoxine. *Nigerian Journal of Animal Production*. 45(1) 259-267. Published by the Nigerian Society for Animal Production (NSAP) <http://www.ajol.info/index.php/njap>
40. F***Jegede, A. V.**, Ogunsola, I. A., Oluwatosin, O. O., and Sogunle, O.M. 2018. Performance characteristics and nutrient digestibility of broiler chickens fed diets supplemented with phyto-additives. *Bulletin of Animal Health and Production*. 66, 83-90. Published by Inter-African Bureau for Animal Resources African Union. Available Online <http://www.ajol.info/index.php/bahpa/issue/current> **Kenya**

** Journals added after the last promotion
F Foreign Journals*

Articles in Refereed Conference Proceedings:

41. **Jegede, A. V.**, O. M. O. Idowu, O. N. Legunsen and O. O. Oduguwa. 2005. Performance blood composition of finishing broiler chickens fed diets supplemented with magnesium and calcium salts. *Proc. of 1st Nig. Int. Poultry summit*. Feb., 20-25, 2005, Ota Ogun state. Pp 155-158
42. Idowu, O. M. O., A. M. Bamgbose, **A. V. Jegede**, A. O. Idowu, R. Sule and Daisy Eruvbetine. 2005. Effect of replacement of cassava peel with cassava root sieviate on performance and egg quality characteristics of laying hens. *Proc. of 10th Ann. Conf. Anim Sci. Ass. of Nig.*, Sept. 12-15, 2005. Univ. of Ado Ekiti. Pp 136-139.
43. Fafiolu, A. O., **Jegede, A. V.**, Oso, A. O., Idowu O. M. O., Jacobs, S. T. and Baungartner, M. (2007). Effect of dietary carnitine supplementation on performance and nutrient metabolisability of starting broiler chickens in diets containing cashew nut reject meal. Proceedings of Annual Spring Meeting of WPSA UK Branch held 3-4 April, 2007 at Royal Clifton Hotel and Theatre and Floral Hall Complex, Southport, Lancashire. Published in British Poultry Abstracts, an official publication of British poultry Science. *British Poultry Abstracts 3(1): 37-38 (United Kingdom)*
44. Oduguwa, O. O., A. O. Fafiolu, **A. V. Jegede** and P. B. Akinwale. 2007. The effect of diets containing malted sorghum sprout supplemented with yeast and amyloglucosidase enzyme on blood composition of broiler chickens. Proceedings of Annual Spring Meeting of WPSA UK Branch held 3-4 April, 2007 at Royal Clifton Hotel and Theatre and Floral Hall Complex, Southport, Lancashire. Published in British Poultry Abstracts, an official publication of British poultry Science. *British Poultry Abstracts 3 (1) 40-41. (United Kingdom)*
45. **Jegede, A. V.**, O. O. Oduguwa, A. O. Fafiolu, O. M. O. Idowu, R. A. Olorunsola and O. O. Ibitoye. 2007. Performance Characteristics of Cockerel Chickens Fed Organic and Inorganic Copper Sources. *32nd Ann Conf., Nig. Soc. For Anim. Prod. (NSAP)*, March 18-21, 2007, Univ. of Calabar, Calabar, Nigeria. (Editors: E. A. Agiang, L. N. Agwuonobi and O. O. Olawoyin) Pg 201-203.
46. Oduguwa, O. O., **A. V. Jegede**, A. O. Fafiolu, A. O. Adigun and S. O. Olubowale. 2007. Effect of yeast and amyloglucosidase enzyme supplementation on the performance of broiler chicks fed malted sorghum sprout (MSP) based diets. Proceedings of Annual Spring Meeting of WPSA UK Branch held 3-4 April, 2007 at Royal Clifton Hotel and Theatre and Floral Hall Complex, Southport, Lancashire. Published in British Poultry Abstracts, an official publication of British poultry Science. *British Poultry Abstracts 3 (1) 41-42 (United Kingdom)*
47. **Jegede, A. V.**, A. O. Fafiolu, O. S. Akinola, O. A. Oso, E. A. Ayandele and A. S. Osunbuyide. 2008. Performance characteristics of weaner rabbits fed natural and Alkaline fermented Malted Sorghum Sprout (MSP). *Proc. of 13th Ann. Conf. Anim Sci. Ass. of Nig.*, Sept. 15-19, 2008. Ahmadu Bello University Zaria Pp 433-435
48. **Jegede, A. V.**, A. O. Fafiolu, A. O. Oso and R. A. Sobayo. 2009. Growth Performance, blood characteristics and cholesterol status of growing pullets fed copper salts. *Proc. of 14th Ann. Conf. Anim Sci. Ass. of Nig.*, Sept. 14-17, 2009. Ladoké Akintola University of Technology, Ogbomosho, Oyo State. Pp 422-424

49. Fafiolu, A. O., **A. V. Jegede**, A. O. Oso, O. M. O. Idowu and R. A. Sobayo. 2009. Effect of dietary L-Carnitine supplementation of diets containing cashew nut reject meal by broiler chicken. *Proc. of 14th Ann. Conf. Anim Sci. Ass. of Nig.*, Sept. 14-17, 2009. Ladoke Akintola University of Technology, Ogbomoso, Oyo State. Pp 499-501
50. **Jegede**, A.V, Oso,A.O, Fafiolu,A.O, Sobayo,A.O and Oduguwa,O.O. 2010. Comparative effect of dietary organic and inorganic copper salts on blood and yolk cholesterol and copper residue in yolk of laying chicken. *Proceedings of the 44th Annual Conference of Agricultural Society of Nigeria*. Oct. 18th-22nd, 2010. Ladoke Akintola University of Technology, Ogbomoso, Oyo State. Pp761-763
51. Fafiolu, A. O., Oduguwa, O.O, **A. V. Jegede**, O.M.O. Idowu, **A.O. Oso** and R. A. Sobayo. 2010. Improvement in the use of undecorticated sunflower seed meal diets with multi- enzyme mixture by growing pullets. Paper presented at the **World Poultry Science Association, United Kingdom Branch held 13rd-14th April 2010 at The Canada Room, Queen's University, Belfast, UK Pg 42 (BRITAIN)**
52. Oke, F.O., O.O. Oduguwa, A.O. Fafiolu, **A.V. Jegede**, O.M.O Idowu, K.H. Sudekum.2010. Effect of yeast and enzyme supplementation on energy metabolisability by broiler chicken fed diets containing malted sorghum sprout and wheat bran. *Paper presented at the World Poultry Science Association, United Kingdom Branch held 13rd-14th April 2010 at The Canada Room, Queen's University, Belfast, UK Pg 40 (BRITAIN)*
53. C.C.N Ezennabike, O.O.Oduguwa, **A.V. Jegede**, A.O.Fafiolu, O.M.O Idowu, K.H. Sudekum.2010. Energy metabolisability by broiler chickens fed enzyme supplemented maize-wheat bran based diets. *Paper presented at the World Poultry Science Association, United Kingdom Branch held 13rd-14th April 2010 at The Canada Room, Queen's University, Belfast, UK Pg 45 (BRITAIN)*
54. Jamiu-Azeez, S. O., **Jegede, A. V.**, Fafiolu, A. O., Oduguwa, B. O., Oso, A. O., Akinola, O.S., Daramola, J. O., Oduguwa, O. O. Nutrients utilization and haematological parameters of broiler chickens fed diets based on cassava products supplemented with an exogenous enzyme. *Book of Abstracts, 16th Triennial Symposium for International Society for Tropical Root crops held at Federal University of Agriculture, Abeokuta, Nigeria. 23rd- 28th September, 2012. Pp. 351*
55. Jamiu-Azeez, S. O., Fafiolu, A. O., **Jegede, A. V.**, Oduguwa, B. O., Akinola, O. S., Daramola, J. O., Oso, A. O., Oduguwa, O. O. Performance and cost evaluation of broilers fed composite feeds containing processed cassava leaf and cassava peels supplemented with xylanase. *Book of Abstracts, 16th Triennial Symposium for International Society for Tropical Root crops held at Federal University of Agriculture, Abeokuta, Nigeria. 23rd- 28th September, 2012. Pp 226*
56. Osofowora, A.O., Kareem, S.O., **Jegede, A.V.**, Oduguwa, O.O., Edema, M.O., Südekum, K-H., Pirgozliev, V. (2012). Chemical evaluation of fungi biodegraded products of malted sorghum sprouts using *Aspergillus niger*, *Trichoderma viride* and their mixed culture. *Proceedings of the Spring meeting of the World's Poultry Science Association, UK Branch held at Jubilee Campus, Nottingham University, UK. 23rd – 23th April, 2012. 18*
57. Oke, F.O., Oso, A.O., Adeyemi, A.O., Fafiolu, A.O., **Jegede, A.V.**, Oduguwa, O.O. (2012). Response of turkey poults to diets containing malted sorghum sprouts supplemented with enzyme or yeast. *Proceedings of the Spring meeting of the*

World's Poultry Science Association, UK Branch held at Jubilee Campus, Nottingham University, UK. 23rd – 23th April, 2012. 19

58. Osofowora, A. O., Kareem, S.O., **Jegade, A.V.**, Edema, M.O., Südekum, K-H., **Oduguwa, O.O.** (2012). Biodegradation of shrimp waste meal by *Aspergillus niger*, *Trichoderma viride* and their mixed culture and chemical composition of the biodegraded products. *Proceedings of the Spring meeting of the World's Poultry Science Association, UK Branch held at Jubilee Campus, Nottingham University, UK. 23rd – 23th April, 2012. 43*
 59. **Jegade, A.**, Oke, O., Oso, A., Oduguwa, O., Pirgozliev K.-H. 2013. Energy metabolisability and ileal digesta viscosity of turkeys fed diets containing malted sorghum sprout supplemented with enzyme or yeast. *Proceedings of the 19th Symposium on Poultry Nutrition, Postdam, Germany*, August, 26-29, 2013.
 60. Lawal, F.R., **Jegade, A.V.**, Oduguwa, O.O., Bello, k.O., Ajayo, O.I., Adebisi, Y.A., Pirgozliev, K-H and Rose, S.P. 2013. Growth response of broiler chickens fed diets supplemented with neem (*Azardichrata indica*) and ginger (*Zingiber officinale*) in feed. *British Poultry Abstracts*, 9:1 Pp 45-46.
 61. Oke, F.O, Oso, A. O., Osofowora, A.O., Oduguwa, O.O., **Jegade, A.V.**, Fafiolu, A.O., K-H Sudekum. 2014. Energy metabolisability by finishing turkeys fed malted sorghum sprouts supplemented with enzyme or yeast. In Advances in Animal Biosciences. *Proceedings of the British Society of Animal Science and the Association of Veterinary Teaching and Research work includes paper from the BSAS/EBLEX workshop*. Volume 5 part 1, April 2014.
 62. Oke, F.O, Fafiolu, A.O., **Jegade, A.V.**, Oduguwa, O.O., Oso, A. O., Osofowora, A.O. K-H Sudekum. 2014. Effect of enzyme and yeast supplementation on energy metabolisability by broiler chickens fed diets containing malted sorghum sprouts and wheat bran. In Advances in Animal Biosciences. *Proceedings of the British Society of Animal Science and the Association of Veterinary Teaching and Research work includes paper from the BSAS/EBLEX workshop*. Volume 5 part 1, April 2014.
 63. Avwerosuoghene Okorodudu., Oluseyi Oluwatosin., Olusesan Fafiolu., Abdul-Rasaq Adebowale, **Adebayo V. Jegede.**, Abimbola Oladele Oso, Olugbemiga O. Adeleye., John Morakinyo. 2016. Performance characteristic of turkeys fed full-fat soybean or soybean meal based diets supplemented with varying levels of protease enzyme and related feed cost. *Conference on International Research on Food Security, National Resources Management and Rural Development*. University of Natural Resources and Life Sciences (Boku Vienna) Austria. September 18-21, 2016.
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RESEARCH FOCUS AND CONTRIBUTION TO KNOWLEDGE

Research focus

My research work over the years has been on the Nutrition of Monogastric Animals particularly poultry and rabbits. My focus is in the following areas:

1. Nutritional evaluation of certain non-conventional feedstuffs: **Malted sorghum sprout** (MSP) (papers 1,5 and 26), **Shrimp waste** (papers 2 and 3), **Cassava** (papers 4, 8 and 21) **Sunflower seed meal** (papers 15, 18 and 30), **Cajanus cajan** (papers 6 and 14), (**Sorghum** (papers 10, 12 and 19), **Palm kernel by-product** (paper 28), **castor seed** (paper 17), **Rice bran** (paper 9) as partial or total replacement of conventional protein and energy feedstuffs in poultry and rabbit feed.
2. Mineral nutrition in poultry and rabbit (Copper papers 7, 11, 13, 23, 27, 29, 31, 32 and 38), Riboflavin and pyridoxine
3. Reduction of cholesterol content in poultry products : meat (paper 11, 29), egg (papers 8, 13, 20, 27) through manipulation of dietary protein-energy-fibre levels in diets and supplementation of copper salts

Justification for Research Areas

- a. My drive for research into nutritional evaluation of non-conventional feedstuff arose from the fact that various agro-industrial by-products and farm wastes are being turned out in large quantities and investigations into their usefulness as feed resource could reduce cost of feeding with attendant reduction in cost of production. The challenges of variability in nutrient composition, presence of anti-nutritional factors, need for processing for effective utilization and widely reported variability in nutrient utilization of these alternative feedstuffs necessitated my research on them.
- b. Minerals and vitamins play significant roles in the nutrition of farm animals. The progress achieved in genetic improvement in recent years resulting in breeds of broilers and turkeys with high growth rate and short gestation period precipitates an urgent need for redefining nutrient requirements of these animals in order for them to fully express their production potentials. Much research has been geared towards reviewing the requirement for major nutrients (protein and energy) with little attention given to minerals and vitamins. This motivated my interest in this area of research (papers 7,11,13,123, 27, 29, 31,32 and 38).
- c. Concern about the cholesterol content in human diet and coronary heart diseases has led to much research approach to reduce cholesterol content in egg and meat products. Though human body produces cholesterol, dietary cholesterol add significantly to the blood cholesterol which in turn a mobilized into the meat and egg products. My research efforts have been to achieve reduction in meat and egg cholesterol through nutritional dietary manipulations. Genetic selection of hens for lowered cholesterol has not been successful, thus, my research has centered on diets (paper 8), additives

(paper 23) and pharmacological interventions i.e use of copper (papers 7,11,13,123, 27 and 29).

Major contributions to knowledge

- Malted sorghum sprout (MSP) hardly supported growth of poultry, however supplementation of diets containing MSP with methionine and lysine improved its utilization for growth
- Pelleting and enzyme supplementation of shrimp waste meal improve the digestibility and nutrient utilization
- Dietary supplementation of poultry diets with copper up to 250 mg/kg resulted in reduction in egg and meat cholesterol content. Organic form of copper (bioplex) is more bio-available and more effective in promoting growth and reduction of cholesterol than the inorganic counterparts