

Personal Information

Name in Full: Irekhore, Oluwakemi Titilayo (Nee Hassan)

Date of Birth: August 2, 1971

Place of Birth: Sagamu

Age: 52 years

Sex: Female

Marital Status: Married

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6. Designation: Principal Extension Fellow

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11. Qualifications:

- i. B. Agric. (Animal Production)
- ii. MSc. (Animal Science)
- iii. PhD (Monogastric Nutrition)

12. Department: Animal Nutrition

13. Membership of Professional Bodies

- i. Nigerian Society for Animal Production
- ii. Animal Science Association of Nigeria
- iii. Nigerian Institute of Animal Science (NIAS)
- iv. Agricultural Extension Society of Nigeria
- v. International Society for Tropical Root Crops
- vi. Association of Organic Agriculture Practitioners of Nigeria

14. Awards

- i. **Trainee:** IFOAM Organics International Knowledge Hub Training of Teams of Trainers in West Africa (Feb 1 – 5, 2021).
- ii. **Master Trainer:** South-West Nigeria – Knowledge Centre for Organic Agriculture in Africa (2021 to date).
- iii. **Trainee:** Federation Nationale Pour L'Agriculture Biologique (FENAB) and IFOAM – Organics International Refresher Training of Teams of Trainers (August 21 – 22, 2023).

15. Research Conducted

- i. Enzyme supplementation and other manipulations of cassava peels and leaves based diets for growing pigs
- ii. Utilization of garlic as feed supplement for pigs and poultry
- iii. Utilization of Beta carotene cassava as energy source for livestock

- iv. Utilization of cassava grits as energy source for poultry
- v. Phytogenics as feed additives for pigs, poultry and rabbits
- vi. Organic livestock and vegetable production

16. Conferences Attended

- i. Association of Organic Agriculture Practitioners of Nigeria AGM/Technical Workshop 2023 Nnamdi Azikiwe University, Awka, April 27 – 28, 2023.
- ii. 16th Conference of the Organic Agriculture Practitioners in Tertiary Institution of Nigeria. Federal University of Agriculture Abeokuta, March 21 – 25, 2023.
- iii. CassavaTech 2017 Conference, Victoria Island, Lagos, November 22 – 25, 2017.
- iv. 41st Annual Conference of the Nigeria Society for Animal Production, “New Technologies for Enhanced Animal Production in Nigeria” Federal University of Agriculture, Abeokuta, Ogun State, March 20 – 24, 2016.
- v. 44th National Workshop/Scientific Conference, Institute of Dietetic in Nigeria, Babcock University, Ilisan, Ogun State, November 10 – 12, 2015.
- vi. 20th Annual Conference of Animal Science Association of Nigeria (ASAN) and 4th Joint Annual Meeting of Animal Science Association of Nigeria-Nigerian Institute of Animal Science (ASAN-NIAS), University of Ibadan, Ibadan, Oyo State, September 6 – 10, 2015.
- vii. 3rd Workshop and National Conference “Food Security, Sustainable Livelihoods and Rural Revitalization in a Challenging Economy” Organised by Faculty of Agricultural Sciences, Ladoko Akintola University of Technology, Ogbomoso in collaboration with Livelihood Support and Development Centre (SLIDEN Africa), August 17 – 20, 2015.
- viii. 19th Annual Conference of ASAN and 3rd Joint Annual Meeting of ASAN- NIAS, University of Ibadan, Ibadan, Oyo State, September 7 – 11, 2014.
- ix. 16th Triennial Symposium of the International Society for Tropical Root Crops, Federal University of Agriculture, Abeokuta, Ogun State, Sept 23 – 28, 2012.
- x. 17th Annual Conference of ASAN and 1st Joint Annual Meeting of ASAN-NIAS. “Agricultural Transformation Strategies and Policies for Livestock Development in Nigeria”, FCT Abuja, September 9 – 13, 2012.
- xi. 36th Annual Conference of Nigerian Society for Animal Production (NSAP). “Value-Oriented in Animal Production: A key to National Food Security and Stable Economy”. Merit House/Raw Materials Research and Development Council, Abuja, March 13 – 16, 2011.
- xii. 35th Annual Conference of Nigerian Society for Animal Production, University of Ibadan, Ibadan, Oyo State, March 14 – 17, 2010.
- xiii. 32nd Annual Conference of the Nigerian Society for Animal Production, Calabar, Cross River State, March 18 – 21, 2007.
- xiv. 11th Annual Conference of the Animal Science Association of Nigeria, Ibadan, Oyo State, September 18 – 21, 2006.

17. Publications

- i. Akinfala, E. O., **Hassan, O. T.** and Tewe, O. O. (2001). Performance and Economy of Production of Growing Pigs fed varying levels of Palm Kernel Meal and Cassava Peels in the Humid Tropics. *Tropical Journal of Animal Science* 4(1): 69 – 75. Published by Animal Science Association of Nigeria. ISSN 1119 – 4308.
- ii. Sokoya, G. O., Oluwalana, E. O. A., and **Irekhore, O. T.** (2006). Men’s Leisure and Women’s Multiple Role Involvement in Rural Agribusiness: Implications for Gender Sensitive Management Approach. *Gender and Behaviour* 4(2): 882 – 895. Published by Ife Centre for Psychological Studies and Network of Psychological Studies of Women Issues.
- iii. **Irekhore, O. T.**, Bamgbose, A. M. and Olubadewa, G. A. (2006). Utilization of Cassava Peels as Energy Source for Growing Pigs. *Journal of Animal and Veterinary Advances* 5(10): 849 – 851. ISSN: 1680-5593. Published by Medwell Online, Pakistan. Available online at <http://medwellonline.net>
- iv. Bello, K. O., Alebiosu, L. A., Lala, A. O., **Irekhore, O. T.** and Oduguwa, O. O. (2015). Characteristics of commercial poultry and spatial distribution of metabolic and behavioural diseases in Oyo State, Nigeria. *Sokoto Journal of Veterinary Sciences* 13(3):31-41. ISSN 1595-093X/E - ISSN 2315-6201, Published by Faculty of Veterinary Medicine, Usman Danfodio University, Sokoto. Available online at <http://dx.doi.org/10.4314/sokjvs.v13i3.6>.
- v. **Irekhore, O. T.**, Adeyemi, O. M., Idowu, O. M. O., Akinola, O. S. and Bello, K. O. (2015). Growth performance, haematological indices and cost benefits of growing pigs fed cassava peel-meal diets supplemented with Allzyme® SSF. *International Journal of Applied Agricultural and Apicultural Research (IJAAAR)* 11 (1&2): 51 - 59. Published by Faculty of Agriculture, Ladoke Akintola University of Technology, Ogbomoso.
- vi. Bello, K. O., Bode-Kaseem, T. S., Lala, A. O., Oladele, S. O., Sogunle, O. M., **Irekhore, O. T.** and Ilori, B. M. (2015). Selected Welfare Parameters of Broiler Chickens on Different Feed Quantity and Time. *Journal of Agricultural Science and Environment (formerly ASSET Journal Series A)* 15(2): 59 – 67. Published by Federal University of Agriculture, Abeokuta.
- vii. Adeyeye, O. A. and **Irekhore, O. T.** (2015). Influence of capacity building training by Agricultural Media Resources and Extension Centre on Rural Farmers’ Livelihoods in Odeda Local Government Area of Ogun State. *Journal of Agricultural Science and Environment* (formerly ASSET Journal Series A), 15(2): 75 – 84. Published by Federal University of Agriculture, Abeokuta.
- viii. Bello, K. O., Adetoye, A. M., and **Irekhore, O. T.** (2015). Assessment of the use of cassava as alternative energy feedstuff in livestock feeds in Nigeria. *International Journal of Applied Agricultural and Apicultural Research (IJAAAR)* 11 (1&2): 67 - 76. Published by Faculty of Agriculture, Ladoke Akintola University of Technology, Ogbomoso.
- ix. **Irekhore, O. T.**, Bello, K. O., Adeyeye, O. A., Adegunle, A. A. and Bailey, N. A. (2016). Characteristics of Pig Producers in Odeda and Abeokuta South Local Government Areas, Ogun State: Implications for Pig Production Technology Dissemination. *Journal of Agricultural Economics, Extension and Science*, 2 (2&3): 28 -37. Published by College of Agricultural Economics and Extension, Federal University of Agriculture, Makurdi.

- x. Lala, A. O., Okwelum, N., **Irekhore, O. T.**, Ogunlade, B. A., Adigun, A. A., Elegbede, L. A. and Oyedeji, M. M. (2016). Haematology and biochemical parameters of broiler chicken supplemented with humic acid in the drinking water. *Applied Tropical Agriculture*, 21(2): 74 – 78. Published by School of Agriculture and Technology, Federal University of Technology, Akure.
- xi. Bello, K. O., Akanji, A. O., **Irekhore, O. T.** and Lala, A. O. (2016). Anti-endoparasitic effects of garlic (*Allium sativum*) as supplement in diets of rabbits reared under deep litter system. *Applied Tropical Agriculture*, 21(2): 1-7. Published by School of Agriculture and Technology, Federal University of Technology, Akure.
- xii. **Irekhore, O. T.**, Akinsoyinu, A. O., Babatunde G. M. and Bello, K. O. (2016) Replacement of Raintree (*Albizia saman*) Pods for Maize Offal in the Diet of Weaner Pigs: Effect on Performance, Carcass and Blood Profile. *Journal of Animal Production Research*, 28(1): 329 – 339, Published by National Animal Production Research Institute, Shika Zaria. ISSN 0189-0514. www.naprijapr.org
- xiii. **Irekhore, O. T.**, Kajero, O. F., Agboola, A. A., Fafiolu, A. O., Bello, K. O. and Oso, A. O. (2016). Growth performance, haematology and serum biochemistry of weaned pigs fed L-carnitine supplemented diets. *Nigerian Journal of Animal Production*, 43(1): 199 – 209, Published by The Nigerian Society for Animal Production. ISBN 0331-2064 www.nsap.info\ajol
- xiv. **Irekhore, O. T.**, Bello, K. O., Odugbesi, A. O., Agbanyim, F. C., Sanni, L. O. and Adebayo, K. (2017). Nutrient digestibility and blood profile of starter broiler chickens fed diets with varying levels of cassava grits as replacement for maize. *FUTA Journal of Research in Sciences*, 13 (3): 438 – 452. Published by School of Sciences, Federal University of Technology, Akure. ISSN 2315-8239. Available online @ www.fjrs.futa.edu.ng
- xv. Bello, K. O., Opokuma, S. E., **Irekhore, O. T.**, Oyedepo, J. A. and Alebiosu, L. A. (2017). Infectious Diseases of Poultry and its Distribution in Ogun State, Nigeria. *Nigerian Journal of Animal Science*, 19(1): 247-264. Published by Animal Science Association of Nigeria.
- xvi. **Irekhore, O. T.**, Bello, K. O., Olukorede, G. T., Sanni, L. O. and Adebayo, K. (2018). Effect of cassava grits as maize replacement on carcass characteristics of two strains of broiler chickens. *Food Chain*, 7(2): 112 – 124, Published by Practical Action Publishing, United Kingdom.
- xvii. Bello, K. O., Oyeleke, O. T., **Irekhore, O. T.**, Oyedepo, J. A. and Adetoye, A. M. (2018). Assessment of effects of bird flu on poultry production in Ikorodu Local Government Area of Lagos State. *Journal of Animal Production Research*, 30(1): 301 – 310, Published by National Animal Production Research Institute, Shika Zaria. ISSN 0189-0514. www.naprijapr.org
- xviii. Adewumi, O. O., **Irekhore, O. T.**, Ogundipe, T. G., Tona, G. O. and Oso, O. A. (2018). Sensory evaluation and acceptability of goat milk in Odeda Local Government Area of Ogun State. *Nigerian Journal of Animal Production*, 45(1): 317 – 324. Published by The Nigerian Society for Animal Production. ISBN 0331-2064 www.nsap.info\ajol zgh

- xix. Okanlawon, E. O., Bello, K. O., Akinola, O. S., Oluwatosin, O. O., **Irekhore, O. T.** and Ademolue, R. O. (2020). Carcass yield and intestinal morphology of male rabbits fed diets supplemented with turmeric (*Curcuma longa*) powder. *Ghana Journal of Agricultural Science*, 55(2): 97 – 106. <https://dx.doi.org/10.431/gjas.v44i2.8>
- xx. **Irekhore, O. T.**, Bello, K. O., Adeyeye, O. A., Fasae, O. C., Adegunle, A. A. and Bailey, N. A. (2020). Feed resources and their management under small scale pig production in Odeda and Abeokuta South Local Government Areas of Ogun State. *FAMAN Journals*, 20(1): 117 – 132. Published by Farm Management Association of Nigeria.
- xxi. f Okanlawon, E. O., Bello, K. O., Akinola, O. S., Oluwatosin, O. O., **Irekhore, O. T.** and Ademolue, R. O. (2020). Evaluation of growth, reproductive performance and economic benefit of rabbits fed diets supplemented with turmeric (*Curcuma longa*) powder. *Egyptian Poultry Journal*, 40(3): 701 – 714.
- xxii. Adeyeye, O. A., Osuntade, E. O., **Irekhore, O. T.** and Akande, F. A. (2022). Ethno-veterinary practices among small-holder goat farmers in Ogun State, Nigeria. Accepted for publication in *Matrix Science Pharma*, 5: 1 – 6. Published by Wolters Kluwer – Medknow Publications, India.
- xxiii. Njoku, C. P., Sogunle, O. M., Adeyemi, O. A., **Irekhore, O. T.**, Mobolaji, O. O. and Ayano, O. R. (2021). Influence of different herbal-mix feed additive on serological parameters, tibia bone characteristics and gut morphology of growing pigs. *Folia Veterinaria*, 65(1): 9 – 18. Published by University of Veterinary medicine and Pharmacy, Kosice, Slovakia.
- xxiv. **Irekhore, O. T.** Akinsoyinu, A. O. and Bello, K. O. (2022). Growth performance and nutrient digestibility of growing pigs fed rain tree (*Albizia saman*) pods as replacement for maize. *Journal of Agricultural Science Belgrade*, 67(3): 285 – 298. Serbia (SCIMAGO).
- xxv. Adeyeye, E. A., **Irekhore, O. T.**, Fafiolu, A. O., Amos, A. T., Idowu, P. O. A, and Iyanda, A. I. (2022). Metabolizable energy and nutrient digestibility by turkey fed diets containing shrimp waste as a replacement for fish meal. *Nigerian Journal of Animal Production*, 49(3): 101 – 115. Published by Nigerian Society for Animal Production. www.nsap.info/ajol
- xxvi. Bello, K. O., **Irekhore, O. T.**, Adeitan, O. O., Yusuf, A. O. and Bada, B. (2022). Physiological response, haematology and stress condition of scavenging chickens in cement production areas. *Journal of Applied Animal Science*. doi: 10.1080/1088705.2021.2021531. ISSN: 153-7604. United Kingdom (Current Volume 26, SCIMAGO).
- xxvii. Adeleke, M. A., Bello, K. O., Akinyemi, I. O., **Irekhore, O. T.**, Ilori, B. M., Adeyeye, O. A., Famakinde, S. A. (2022). Morphological variations in qualitative and quantitative traits of Fulani Ecotype Chickens in Nigeria. *Genetika*, 54(1): 43-62. Serbia (SCIMAGO).
- xxviii. Gabriel Adedotun Williams, Olufemi Sunday Akinola, Tolulope Modupe Adeyeye, **Oluwakemi Titilayo Irekhore**, Abimbola Oladele Oso, Joshua Olumide Ogunrombi and Oluwaseyi Kudirat Williams (2023). Dietary replacement of maize with processed cassava peel-leaf blends: Impact on the growth performance and blood parameters of growing pigs. *Animal Science and Genetics*, 19(1): 39 – 54. Published by the Polish Society of Animal Production. Doi 10.5604/01.3001.0016.3140.

- xxix. William, G. A., Mafimidiwo, A. N., Akinola, O. S., Adeleye, T. M., **Irekhore, O. T.**, Oso, A. O. and Ogunrombi, J. O. (2023). Processing strategies modifies nutrient composition of cassava peel-leaf blends, influences nutrient digestibility and nitrogen balance in growing pigs. *Acta Scientific Veterinary Sciences*, 5(2): 43 – 52. Doi: 10.31080/ASVS.20222.05.0602.
- xxx. Gabriel Adedotun Williams, Olufemi Sunday Akinola, Titilayo Modupe Adeleye, **Oluwakemi T. Irekhore**, Adebukola Olufunmilola Lala and Abimbola Oladele Oso (2023). Processed cassava peel-leaf blends: Effect on performance, carcass yield and ileal microflora of growing pigs. *Animal Production Science* (Early Online). Published online February 27, 2023. <https://doi.org/10.1071/AN22101>. Current volume, 63, published by CSIRO (SCOPUS).
- xxxi. Oyedepo J. A., **Irekhore, O. T.**, Bello, K. O., Olaoye, O. J., Lala, A. O., Oluwalana, E. O. A., Oyedepo, E. O. and Omotayo, A. M. (2019). Livelihood Support Programmes for Sustainable Development Goals in Rural Nigeria. In Godwell Nhamo and Vuyo Mjimba (Eds.), **Sustainable Development Goals and Institutions of Higher Education**. Chapter 13, pp 155 – 168. Springer Nature, Switzerland AG.
- xxxii. .Bello, K. O., Adeola, A. A., Akerele, D., Adeyeye, O. A., **Irekhore, O. T.** and Famakinde, S. A. (2021). Optimisation and multiplication of Large Fulani eco-type chicken for sustainable production and genetic security in Nigeria. In Babalola, O. O. (Ed.), Food Security and Safety. Chapter 14, pp 255 – 269. Springer Nature, Switzerland AG. 2020.
- xxxiii. **Irekhore, O. T.** (2007). Reproductive Performance of Four Breeds of Rabbits in the Tropics. **Sustainability of Livestock Industry in an Oil Economy. Proceedings of the 32nd Annual Conference of the Nigerian Society for Animal Production (NSAP)**, E. A. Agiang, L. N. Agwunobi, and O. O. Olawoyin (Eds.) 120 – 122. Published by NSAP.
- xxxiv. **Irekhore, O. T.**, Akinsoyinu, A. O. and Babatunde G. M. (2011). Replacement value of *Albizia saman* (Raintree) Pods for Maize in the diet of Weaner Pigs. **Value Re-orientation in Animal Production: A Key to National Food Security and Stable Economy. Proceedings of the 36th Annual Conference, Nigeria Society for Animal Production (NSAP)**, A. A. Adeniji, E. A. Olatunji, and E. S. Gana (Eds.) 418 – 421. Published by NSAP.
- xxxv. **Irekhore, O. T.**, Ayodele, O. A. and Osarenmwinda, A. D. (2012). Performance and Nutrient Digestibility of Growing Pigs Fed Cassava Leaf Meal as Protein Source. In The Root (and Tuber) Development and climate change. **Proceedings of the 16th Triennial Symposium of the International Society for Tropical Root Crops**, Okechukwu, R. U. and Adebowale, A. A. (Eds). Published by ISTRC.
- xxxvi. Adeyeye, O. A., **Irekhore, O. T.** and Obasi, A. O. (2015). Perceived Health Benefits and Constraints Associated with Rabbit Meat Consumption in Ogun State, Nigeria. “The Nigerian Economy Beyond Oil”, **Proceedings of the 49th Annual Conference of Agricultural Society of Nigeria (ASN)**, S. I. Omeje, S. O. Emosairue, C. C. Chukwuji, L. Bratte, J. O. Isikwenu, R. A. Isiorhovoja and M. O. Agbogidi (Eds.) 1217 – 1220. Published by ASN. ISBN 978 – 978 – 14392 – 1 – 1.
- xxxvii. **Irekhore, O. T.**, Akinpelu, A. A., Oyedeji, A. J. and Bello, K. O. (2016). Haematology and Serum Chemistry of Growing Pigs Fed Cassava Peel-Meal Based Diet Supplemented with

Garlic Powder. **New Technologies for Enhanced Animal Production in Nigeria, Proceedings of the 41st Annual Conference of the Nigeria Society for Animal Production (NSAP)**. O. O. Oluwatosin, O. S. Sowande, O. Olowofeso, L. T. Egbeyale, O. O. Adeleye, C. P. Njoku, A. O. Osofowora, and A. J. Sanda (Eds.) 469 – 472. Published by NSAP. ISBN 978-978-953-062-5 www.insap.info/ajol

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- xxxix. **Irekhore, O. T.**, Alli, O. O., Bello, K. O. and Oluwalana, E. O. A. (2020). Growth performance and cost benefits of broiler chickens fed diets containing garlic and ginger powder as additives. *Animal Agriculture: Exploring the Goldmine of Nigeria's Agro Revolution, Proceedings of the 41st Annual Conference of the Nigeria Society for Animal Production (NSAP)*. Y.P. Mancha, D. J. U. Kalla, K. M. Bello, S. T. Mbap, M. Abdulkarim, T. Igila and S. Dambiri (Eds.) 1210 – 1213. Published by NSAP. ISBN 978-978-981-320-9.
- xl. **Irekhore, O. T.**, Bello, K. O., Lala, A. O., Fasae, O. C. and Olabode, I. T. (2016). Technical Report on Poultry (Layer) Technology Dissemination and Innovation Platform, Ogun State, Nigeria. Sponsored by West Africa Agricultural Productivity Programme (WAAPP-Nigeria) and coordinated by Federal University of Agriculture, Abeokuta (FUNAAB). 138 pp.