**1. 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

Nationality: Nigerian

Town and State of Origin: Sagamu, Ogun State

Contact Address: Agricultural Media Resources and Extension Centre (AMREC), Federal University of Agriculture, Abeokuta, P. M. B. 2240, Abeokuta, Ogun State, Nigeria

**2.** **Brief Biography**

Dr. Oluwakemi Titilayo Irekhore (Principal Extension Fellow) who is an animal nutritionist and extension personnel with over 21 years of field experience is a member of the Extension and Adaptive Research Programme of the Agricultural Media Resources and Extension Centre, Federal University of Agriculture, Abeokuta, Nigeria. She is anchored in the Department of Animal Nutrition, College of Animal Science and Livestock Production of the University where she teaches and supervises undergraduate and post graduate students. Dr. Irekhore’s interest is more in the areas of animal nutrition and production, organic agriculture and agricultural production for food security, food safety and economic development. She has published locally and internationally in her areas of interest. She has supervised two (2) MSc Projects, over 80 undergraduate students and is currently supervising three (2) MSc research work. She is the Chairperson of the Ogun State Chapter of the Association of Organic Agriculture Practitioners of Nigeria and a Master Trainer in Organic Agriculture for South West Nigeria under the Knowledge Centre for Organic Agriculture in Africa. Dr. Irekhore has been part of several locally and internationally funded projects to improve productivity and livelihoods of resource constrained farmers. She also encourages the participation of youths in agriculture and builds their capacities for different agricultural enterprises. She is the Pioneer of the Agriculture-in-Schools Programme of the University.

**3. Phone Number:** +2348033900920; +2347066408560

**4. E-mail address:** [irekhoreot@funaab.edu.ng](mailto:irekhoreot@funaab.edu.ng); [raykemi@yahoo.com](mailto:raykemi@yahoo.com)

**5. Rank:** Reader

**6.** **Designation:** Principal Extension Fellow

**7. Researchgate Address:** <https://www.researchgate.net/profile/>Oluwakemi-Irekhore

**8. LinkedIn Address:** <https://ng.linkedin.com/oluwakemi-irekhore->9a190b1a7

**9. Google Scholar Profile:** https://g.co/kgs/pf55ne

**10. ORCID ID:** [https://orcid.org/0000-0001-7673-2361](https://orcid.org/0000-0001-7673-2361?lang=en)

**11. Qualifications:**

1. B. Agric. (Animal Production)
2. MSc. (Animal Science)
3. PhD (Monogastric Nutrition)

**12. Department:** Animal Nutrition

**13. Membership of Professional Bodies**

1. Nigerian Society for Animal Production
2. Animal Science Association of Nigeria
3. Nigerian Institute of Animal Science (NIAS)
4. Agricultural Extension Society of Nigeria
5. International Society for Tropical Root Crops
6. Association of Organic Agriculture Practitioners of Nigeria

**14.** **Awards**

1. **Trainee:** IFOAM Organics International Knowledge Hub Training of Teams of Trainers in West Africa (Feb 1 – 5, 2021).
2. **Master Trainer:** South-West Nigeria – Knowledge Centre for Organic Agriculture in Africa (2021 to date).
3. **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**

1. Enzyme supplementation and other manipulations of cassava peels and leaves based diets for growing pigs
2. Utilization of garlic as feed supplement for pigs and poultry
3. Utilization of Beta carotene cassava as energy source for livestock
4. Utilization of cassava grits as energy source for poultry
5. Phytogenics as feed additives for pigs, poultry and rabbits
6. Organic livestock and vegetable production

**16. Conferences Attended**

1. Association of Organic Agriculture Practitioners of Nigeria AGM/Technical Workshop 2023 Nnamdi Azikiwe University, Awka, April 27 – 28, 2023.
2. 16th Conference of the Organic Agriculture Practitioners in Tertiary Institution of Nigeria. Federal University of Agriculture Abeokuta, March 21 – 25, 2023.
3. CassavaTech 2017 Conference, Victoria Island, Lagos, November 22 – 25, 2017.
4. 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.
5. 44th National Workshop/Scientific Conference, Institute of Dietetic in Nigeria, Babcock University, Ilisan, Ogun State, November 10 – 12, 2015.
6. 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.
7. 3rd Workshop and National Conference “Food Security, Sustainable Livelihoods and Rural Revitalization in a Challenging Economy” Organised by Faculty of Agricultural Sciences, Ladoke Akintola University of Technology, Ogbomoso in collaboration with Livelihood Support and Development Centre (SLIDEN Africa), August 17 – 20, 2015.
8. 19th Annual Conference of ASAN and 3rd Joint Annual Meeting of ASAN- NIAS, University of Ibadan, Ibadan, Oyo State, September 7 – 11, 2014.
9. 16th Triennial Symposium of the International Society for Tropical Root Crops,

Federal University of Agriculture, Abeokuta, Ogun State, Sept 23 – 28, 2012.

1. 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.
2. 36th Annual Conference of Nigerian Society for Animal Production (NSAP). “Value-Orientation 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.
3. 35th Annual Conference of Nigerian Society for Animal Production, University of Ibadan, Ibadan, Oyo State, March 14– 17, 2010.
4. 32nd Annual Conference of the Nigerian Society for Animal Production, Calabar, Cross River State, March 18 – 21, 2007.
5. 11th Annual Conference of the Animal Science Association of Nigeria, Ibadan, Oyo State, September 18 – 21, 2006.

**17. Publications**

1. 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.
2. 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.
3. **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>
4. 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>.
5. **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.
6. 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.
7. 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.
8. 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.
9. **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, FederalUniversity of Agriculture, Makurdi.
10. 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.
11. 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.
12. **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](http://www.naprijapr.org)
13. **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](http://www.nsap.info\ajol)
14. **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](http://www.fjrs.futa.edu.ng)
15. 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.
16. **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.
17. 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](http://www.naprijapr.org)
18. 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](http://www.nsap.info\ajol) zgh
19. 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>
20. **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.
21. *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.
22. 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.
23. 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.
24. **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).
25. 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](http://www.nsap.info\ajol)
26. 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).
27. 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).
28. Gabriel Adedotun Williams, Olufemi Sunday Akinola, Tolulope Modupe Adeleye, **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.
29. 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.
30. 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).
31. 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.
32. *.*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.
33. **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.
34. **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.
35. **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.
36. 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.
37. **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](http://www.insap.info\ajol)
38. Bello, K. O., **Irekhore, O. T.,** Adekhoya, S. A. and Yusuf, A. O. (2020). Haematology of rabbits fed cassva peel meal based diets supplemented with elemental sulphur. 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.) 1158 – 1162. Published by NSAP. ISBN 978-978-981-320-9.
39. **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.
40. **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.