ACADEMIC STAFF PROFILE TEMPLATE

Required Information

1. Department/Centre: Animal Production and Health / Institute of Food Security, Environmental Resources and Agricultural Research (IFSERAR)
2. Full name (Surname first): ADEWOLE Fatai Akanni
3. Staff Number: *SP2013*
4. Title: Dr.
5. Phone number: +2348027170579
6. Institutional Email Address: adewolefa@funaab.edu.com
7. ResearchGate (RG) URL: https://www.researchgate.net/profile/Fatai-Adewole
8. LinkedIn (LinkedIn Profile) URL: https://ng.linkedin.com/in/fatai-adewole-26a70824b
9. Google Scholar (Google Scholar Profile) URL: https://scholar.google.com/citations?user=3LDUw0QAAAAJ&hl=en
10. Scopus (Scopus Author ID):
11. ORCID (ORCID ID): 0000-0003-2522-4548
12. **CV:** Between 2–3 pages (excluding salary, referees, and signature).

Passport-sized photograph: 

13.
14. **Short Profile:** Between 250 and 350 words. Do not include time-bound information that will change in the future (e.g., "currently," "recently," "now").

Dr. Fatai Akanni Adewole is a Registered Animal Scientist (NIAS/RAS/02024) and a Principal Research Fellow at the Institute of Food Security, Environmental Resources and Agricultural Research (IFSERAR), Federal University of Agriculture, Abeokuta (FUNAAB), Nigeria. He specializes in Non-ruminant Production, with research interests in broiler and egg-type chicken production, poultry nutrition, indigenous chicken improvement, and sustainable alternatives to antibiotic use in poultry production.

Dr. Adewole has successfully supervised 51 undergraduate research projects, one Postgraduate Diploma project, and three Master of Agriculture (M.Agric.) dissertations, while contributing to the supervision of three M.Agric. dissertations and three Ph.D. theses. He has authored and co-authored 25 peer-reviewed journal articles and 11 refereed conference proceedings.

His research has attracted competitive funding from the Tertiary Education Trust Fund (TETFund) and institutional research grants. These include projects on the effects of sex and strain on the performance of Nigerian indigenous chickens, the development of early warning

systems to enhance farmers' preparedness against climate change in South-western Nigeria, the application of auto-sexing and polymerase chain reaction (PCR) techniques for sex identification of Nigerian indigenous chickens, and the use of garlic aqueous extract as a natural growth promoter for indigenous chicken production.

Dr. Adewole's research focuses on improving poultry productivity through innovative nutritional and management strategies. His work has examined restricted feeding in egg-type chickens, the influence of sex and strain on indigenous chicken performance, the dietary inclusion of *Aspilia africana* leaf meal, and the use of garlic, synbiotics, and organic acidifiers as natural alternatives to synthetic antibiotics in poultry production. His studies also investigate the responses of FUNAAB Alpha and commercial broiler chickens to garlic and onion supplementation with the aim of enhancing productivity, health, and food safety while promoting sustainable and antibiotic-free poultry production systems.

He is a member of the Animal Science Association of Nigeria (ASAN), the Nigerian Society for Animal Production (NSAP), and the International Society of Organic Agriculture Research (ISOFAR).

15. **Education:**

(i) Educational Institutions Attended (with dates):

a.	Federal University of Agriculture, Abeokuta	2010 to 2014
b.	University of Agriculture, Abeokuta	2006 to 2010
c.	University of Agriculture, Abeokuta	2000 to 2004
d.	Tai Solarin College of Education, Ijebu-Ode	1993 to 1995
e.	Community High School Idi-Ayin, Imeko-Afon, Ogun State	1986 to 1992
f.	EAC Primary School, Alagbon-Mejo, Imeko-Afon, Ogun State	1980 to 1986

(ii) Academic and Professional Qualifications (with dates):

a.	Ph.D (Non-Ruminant Production)	2014
b.	M. Agric. (Non-Ruminant Production)	2010
c.	B. Agric. (Animal Production and Health)	2004
d.	Nigerian Certificate in Education, (Agric. Education)	1996
e.	West African Senior Secondary School Certificate	1992
f.	Primary School Leaving Certificate	1986

(iii) Prizes, Honours, Scholarship, National and International Recognition:

a.	Award of honour for fatherly support, moral counsels and spiritual guidance presented by JHP 2018/19 Exco. On 2nd February, 2020	2020
b.	Vision Booster Award from RCCG Jesus Consulate II presented in September. 2014	2014
c.	World Bank STEP B, Innovators of Tomorrow (IOT) Research Award for PhD Programme.	2010
d.	Yewa Scholarship Award for Yewa indigenes in Higher Institutions with Second Class Upper Division and above	2002

e. Best Student of the Department of Agriculture. Education, 1995 1996
by Tai Solarin College of Education, Ijebu-Ode.

16. **Research Area(s):**

(a) Research In Progress:

(i) Effect of onion aqueous extract administration on the performance of FUNAAB alpha broiler chickens
(iii) Response of broiler chickens to a combination of garlic and onion extracts administration

(b) Research completed but not yet published:

(i) Effect of garlic extraction methods and level of aqueous inclusion on the performance of broiler chickens
(ii) Effect of dietary inclusion of garlic and organic acidifier on the performance of egg-type chickens
(iii) Effect of dietary inclusion of symbiotic on the performance of egg-type chickens
(iv) Response of egg-type chickens to *Aspilia africana* leaf meal dietary inclusion

17. **Awards Received:** Include year awarded.

a.	Institution Based Research (Batch 12 FUNAAB/DRIP/), Principal Researcher	2026
b.	Institution Based Research (FUNAAB/DRIP/40), Principal Researcher	2023
c.	TETFUND National Research Fund (NRF), Co-Investigator	2019
d.	IFSERAR/TETFUND grant, Principal Researcher	2016
e.	World Bank STEP B, Innovators of Tomorrow (IOT) Research Award	2010
f.	Yewa scholarship Award.	2002
g.	Best Student of the Department of Agric. Education, 1995 by Tai Solarin College of Education, Ijebu-Ode.	1996

18. **University Appointments:** Include dates to show career progression.

a) University Assignment

(i)	IFSERAR Representative on the Biotechnology Centre Promotion Assessment Panel	2026
(ii)	IFSERAR Representative on the Biotechnology Centre Board	2025 to date
(iii)	IFSERAR Representative, Quality Control and Assurance Committee	2024 to date
(iv)	Programme Leader, Livestock Production Research Programme	2024 to 2026
(v)	College Board Representative, Academic Planning Committee	2024 to 2025
(vi)	College Board Representative, Quality Control and Assurance Committee	2023 to 2024

b) Institute of Food Security, Environmental Resources and Agricultural Research (IFSERAR)

(i)	Programme Leader, Livestock Production Research Programme	2024 to date

(ii)	Member, IFSERAR 2025 Research In-house Review Committee	2024 to 2025
(iii)	Vice Chairman, IFSERAR Users Committee	2024 to date
(iv)	Member, IFSERAR Strategic Planning and Implementation Committee	2024 to date
(v)	Presenter, 9th IFESERAR In-house Research Review Reports for Livestock Production Research Programme	April, 2025
(vi)	Member, Committee on Research Postgraduate Programme, IFSERAR, Chaired by Prof. Bamidele O. Oluwatosin	2023 to date
(vii)	Presenter, August 2024 edition of IFSERAR monthly Seminar titled response of chickens to organic growth promoters	August 28, 2024
(viii)	Secretary, Welfare Committee, IFSERAR	2019 to 2025
(x)	Secretary, Staff Seminar Committee, IFSERAR	2018 to 2025
(xi)	Member, Livestock Production Research Programme	2012 to date

c) College of Animal Science and Livestock Production

i.	College Board Representative, Academic Planning Committee	2024 to 2025
ii.	College Board Representative, Quality Control and Assurance Committee	2023 to 2024
iii.	Member, College Board, COLANIM, FUNAAB,	2018 to date.

d) Animal Production and Health Department

(i)	Member, Departmental Board of Examiners, APH, FUNAAB,	2018 to date.

19. **Membership of Academic & Professional Bodies:** (Include membership number where applicable.)

Nigerian Society for Animal Production
Animal Science Association of Nigeria
Teachers Registration Council of Nigeria (TRCN)
International Society of Organic Agriculture Research (ISOFAR)
Nigerian Institute of Animal Science **(NIAS/RAS/02024)**

20. **Selected Relevant Conferences Attended:** Include year and location.

Fiftieth Annual Conference of the Nigerian Society for Animal Production (NSAP) held at the University of Lafia, Nasarawa State, Nigeria. March 16 – 20, 2025.

Paper read - Effect of Dietary Organic Alternatives to Antibiotic Growth Promoters on Growth Performance of FUNAAB Alpha Broiler Chickens.

Effect of Natural and Synthetic Feed Additives on Laying Performance of Layers at Early and Mid Laying Phase

Forty-ninth Annual Conference of the Nigerian Society for Animal Production (NSAP) held at the University of Ibadan, Ibadan, Nigeria. March 24 – 27, 2024.

Paper read - Effect of dietary inclusion of organic alternatives to antibiotic growth promoters on growth performance of FUNAAB Alpha chickens

Effect of garlic (allium sativum), synbiotic, organic acidifier and antibiotics on growth performance and faecal microbial count in pullets

Forty-seventh Annual Conference of the Nigerian Society for Animal Production (NSAP) held at the University of Jos, Jos, Nigeria. March 13 – 17, 2022.

Paper read - Blood indices of egg-type chickens fed diets containing *Aspilia africana;*

Seventh ASAN-NIAS Joint Annual Conference held at M and M. Event Centre, Offa road, Ilorin, Kwara State. September 9 -13, 2018.

21. **Selected Publications:**

Adewole, F. A., Odutayo, O. J., Opowoye, I. O., Olanipekun O. E., Ayo-Ajasa, O. Y., Egbeyale, L. T., Sogunle, O.M. (2025). Influence of Garlic, Synbiotic, Organic Acidifier and Synthetic Antibiotics on Blood Parameters of Funaab Alpha Broiler Chickens *Malaysian Journal of Animal Science,* 28(1), 96-105.

Adewole, F. A., Opowoye, I. O., Ayo-Ajasa, O., Ayangbade, O., Okpukpan, W., Egbeyale, L. T. and Sogunle, O. M. (2025). Effects of Garlic (*Allium Sativum*) Aqueous Extract on Haematological and Serum Biochemical Parameters of Broiler Chickens. *Nigerian Journal of Animal Production*, *52*(2), 15–28. https://doi.org/10.51791/njap.v52i2.8914

Adewole, F. A., Adegoke, A. V., Odeyemi, A. C., Olayemi P. K., Ojuolape, K. O., Kujero, G. O., and Egbeyale, L. T (2025) Impact of Garlic Extract Administration Frequency on Haematological and Serum Biochemical Parameters of Broiler Chickens. ***Journal of Agricultural Science and Environment***. Vol. 25:68-77. **Published by Federal University of Agriculture, Abeokuta.**

Adewole, F. A., Adegoke A. V., Opowoye, I. O., Adeyinka, A. K., Adegboye, J. O., Egbeyale, L. T, and Sogunle, O. M (2025) Impact of Varying Frequencies of Aqueous Garlic Extract Administration on the Carcass, Organ Weight Characteristics and Meat Quality of Broiler Chickens. ***Nigerian Journal of Animal Production,*** 52(2): 39-48 https://doi.org/10.51791/njap.v52i2.8916. **Published by Nigerian Society for Animal Production**

Adewole, F. A., Opowoye I. O., Ekuseitan D. A., Ajibade B. A. Alausa, O. J., Adediran, E. A. and Egbeyale, L. T (2024) Effects of oral administration of garlic (Allium sativum) extract on the growth performance and caecal microbial load of broiler chickens. ***The Nigerian Journal of Animal Science*.** Vol 26 (3), 150-157. Published by **Nigerian Society of Animal Production**. **Available online:** www.nsap.org **(Nigeria)**

Adewole, F. A., Egbeyale, L. T., Ayo-Ajasa, O. Y. and Adegbenga, H. T (2022) Carcass characteristics and reproductive organ development of egg-type chickens fed diets containing *Aspilia Africana*. ***Journal of Agricultural Science and Environment***. 22(1&2):34-42. **Published by Federal University of Agriculture, Abeokuta. Available online:** https://journal.funaab.edu.ng/index.php/JAgSE/article/view/2225 **(Nigeria).**

Adewole, F. A., Egbeyale, L. T., Adegoke, A. V., Adegbite S. O. and Adediran, M. N (2021) Effect of varying dietary levels of Aspilia africana on performance, egg quality and microbial load of pullet chickens. ***Agricultura Tropica et Subtropica***, 54 OV, 147–154, **Available online:** http://www.doi.org/10.2478/ats-2021-0015

Adewole, F. A., Egbeyale, L. T., Ekunseitan, D. A., Bello, K. O., Lala, O. A., and Famakinde, S. A (2021) Effect of strain and sex on haematological and serum biochemical indices of tropical indigenous chickens. ***Nigerian Journal of Animal Production,*** 48(2): 18 - 26. Published by **Nigerian Society of Animal Production**. **Available online:** http://www.doi.org/10.51791/njap.v48i2.2924 **(Nigeria).**

22. **Patents:** Include patent number and year.

13. CURRICULUM VITAE

1. NAME: **Adewole**, Fatai Akanni

2. QUALIFICATIONS

(a)

DEGREE	INSTITUTION	DATE
Ph.D (*Non-Ruminant Production*)	University of Agriculture, Abeokuta	2014
M. Agric. (*Non-Ruminant Production*)	University of Agriculture, Abeokuta	2010
B. Agric. (Second Class Upper Division)	University of Agriculture, Abeokuta	2004

(b) MEMBERSHIP OF PROFESSIONAL BODIES

1. Nigerian Society for Animal Production
2. Animal Science Association of Nigeria
3. Teachers Registration Council of Nigeria (TRCN)
4. International Society of Organic Agriculture Research (ISOFAR **389**)
5. Nigerian Institute of Animal Science **(NIAS/RAS/02024)**

3. Grants won

S/N	Year	Grant	Funding agency	Project funded	Role
i	2026	Batch 12, TETFund Institution-Based Research	Tertiary Education Trust Fund	Improving Indigenous Chicken Production Using Garlic Aqueous Extract as a Natural Growth-Promoter	Principal Investigator
ii	2022	TETFund Institution-	Tertiary Education	Overcoming Challenges in Sex Identification of Nigerian	Principal Investigator

		Based Research (FUNAAB/ DRIP/40)	Trust Fund	Indigenous Chickens using Auto-sexing and Polymerase Chain Reaction (PCR) methods	
iii	2019	TETFUND National Research Fund (NRF)	Tertiary Education Trust Fund	Development of Early Warning System for farmers' preparedness against the impact of Climate Change in SW Nigeria	Co-investigator
iv	2016	IFSERAR/TETFUND Grant (IRG 114)	Tertiary Education Trust Fund	Effect of sex and strain on the performance of two strains of indigenous chickens	Principal Investigator

4. Publications

17 Thesis and Dissertation 3
18 Publications in Learned Journals 25

(c) Recent Articles in Learned Journals

Ayo-Ajasa, O. Y., Ayo-Ajasa, A. O., Njoku, C. P., **Adewole, F. A**., Opowoye, I. O., Silas, A. F. A., Egbeyale, L.T., and Fafiolu, A.O. (2026). Caecal Microbiota Profile and Organ Histopathology of Weaner Rabbits Administered Aqueous Leaf Extract of Parquetina Nigrescens. *Nigerian Agricultural Journal*, *57*(1), 266–275.

Adewole, F. A., Adegoke A. V., Opowoye, I. O., Adeyinka, A. K., Adegboye, J. O., Egbeyale, L. T, and Sogunle, O. M (2025) Impact of Varying Frequencies of Aqueous Garlic Extract Administration on the Carcass, Organ Weight Characteristics and Meat Quality of Broiler Chickens. ***Nigerian Journal of Animal Production,*** 52(2): 39-48 https://doi.org/10.51791/njap.v52i2.8916. **Published by Nigerian Society for Animal Production**

Adewole, F. A., Adegoke, A. V., Odeyemi, A. C., Olayemi P. K., Ojuolape, K. O., Kujero, G. O., and Egbeyale, L. T (2025) Impact of Garlic Extract Administration Frequency on Haematological and Serum Biochemical Parameters of Broiler Chickens. ***Journal of Agricultural Science and Environment***. Vol. 25:68-77. **Published by Federal University of Agriculture, Abeokuta.**

Adewole, F. A., Opowoye, I. O., Ayo-Ajasa, O., Ayangbade, O., Okpukpan, W., Egbeyale, L. T. and Sogunle, O. M. (2025). Effects of Garlic (*Allium Sativum*) Aqueous Extract on Haematological and Serum Biochemical Parameters of Broiler Chickens. *Nigerian Journal of Animal Production*, *52*(2), 15–28. https://doi.org/10.51791/njap.v52i2.8914

Adewole, F. A., Odutayo, O. J., Opowoye, I. O., Olanipekun O. E., Ayo-Ajasa, O. Y., Egbeyale, L. T., Sogunle, O.M. (2025). Influence of Garlic, Synbiotic, Organic Acidifier and Synthetic Antibiotics on Blood Parameters of Funaab Alpha Broiler Chickens *Malaysian Journal of Animal Science,* 28(1), 96-105.

Adenaike, A. S., Akpan, U., Oyedun, I.O., **Adewole, F.A.**, Agbaje, M., Olusanya, O.M., Arowosegbe, M.O. and Ikeobi, C.O.N (2025) Gut microbial composition differs among FUNAAB Alpha broiler chicken genotypes raised in a tropical environment. ***Microbial Pathogenesis*** 198: 107-126 Indexed in **SCOPUS and ELSEVIER**

Odutayo O. J., **Adewole F. A.**, Adeyemo, A. A., Ibigbami, D. J. Iyanda, A. I. and Sogunle, O. M (2024). Effects of ethanolic cinnamon (*Cinnamomum cassia*) extract on performance of broiler chickens. ***The Nigerian Journal of Animal Science*****.** Vol 26 (3), 154-165. Published by **Nigeria Society of Animal Production**. **Available online:** www.nsap.org **(Nigeria)**

Adewole, F. A., Opowoye I. O., Ekuseitan D. A., Ajibade B. A. Alausa, O. J., Adediran, E. A. and Egbeyale, L. T (2024) Effects of oral administration of garlic (Allium sativum) extract on the growth performance and caecal microbial load of broiler chickens. ***The Nigerian Journal of Animal Science*****.** Vol 26 (3), 150-157. Published by **Nigeria Society of Animal Production**. **Available online:** www.nsap.org **(Nigeria)**

Orbugh, A.T., Kareem, D. U., **Adewole, F. A.**, Adeyeye, E. A., Lala, A. O., Ogunleye, J. B., Oso, A. O. and Oke, O. E (2023) Influence of scent leaf (*Ocimum gratissimum*) powder supplementation on growth performance, serum biochemistry, organ weight, and organ histopathology of guinea fowls. ***Thailand Journal of Agricultural Science***. Vol. 56(4): 196-210. Published by **Kasetsart University, Bangkok, Thailand. Available online:** https://li01.tci-thaijo.org/index.php/TJAS/article/view/260913. Indexed in **SCOPUS, EBSCO Host** and **GOOGLE Scholar**

Adewole, F. A., Egbeyale, L. T., Ayo-Ajasa, O. Y. and Adegbenga, H. T (2022) Carcass characteristics and reproductive organ development of egg-type chickens fed diets containing *Aspilia Africana*. ***Journal of Agricultural Science and Environment***. 22(1&2):34-42. **Published by Federal University of Agriculture, Abeokuta. Available online:** https://journal.funaab.edu.ng/index.php/JAgSE/article/view/2225 **(Nigeria).**