

## DR. BALA REUBEN GANDI



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Campus, Kaduna State, Nigeria.

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### Personal Details

- 1. Gender:** Male
- 2. Date of Birth:** September 15, 1988
- 3. State of Origin:** Kaduna state
- 4. L.G.A.** Lere
- 5. Nationality:** Nigerian
- 6. Marital status:** Married
- 7. Languages Spoken:** English, Hausa, Gure
- 8. Contact Address:** Faculty of Agric. Kaduna State University, P.M.B.2339
- 9. Residential Address:** JSQ 05 Kaduna State University, Kafanchan Campus, Kaduna.
- 10. Date of First Appointment:** May 3<sup>rd</sup> 2015
- 11. Date of Confirmation:** July 1<sup>st</sup> 2017
- 12. Date of Last Promotion:** 1<sup>th</sup> October 2021
- 13. Present Rank and Salary:** Lect. I CONUASS 04/03

### **14. Qualifications, Educational Institutions where Obtained and Dates**

| <b>Qualification Obtained</b> | <b>Institution</b>                      | <b>Date</b> |
|-------------------------------|---|-------------|
| PhD Animal Science            | Ahmadu Bello University, Zaria          | <b>2021</b> |
| M.Sc Animal Science           | Ahmadu Bello University, Zaria          | 2014        |
| Bachelor of Agriculture       | Ahmadu Bello University, Zaria          | 2010        |
| West African School Cert.     | Adventist Technical College, Abia State | 2005        |
| Primary School Leaving Cert.  | St. Anne's Primary School, Kaduna State | 1999        |

## 15. Additional Education/Qualification

- i. Mandatory Continuing Professional Education Program titled ‘Animal Feed Risk Assessment’ Organized by Nigerian Institute of Animal Science, held at University of Port Harcourt, Nigeria. September, 2016
- ii. Advanced Digital Appreciation Programme for Tertiary Institutions (ADAPTI) Training, organized by Digital Bridge Institute, International Center for Communication Studies in conjunction with Nigerian Communications Commission held in ICT complex building, Kaduna State University, Kaduna. 13-17<sup>th</sup> June, 2016.
- iii. Introduction to Survey Data Analysis Using Stata, organized by Feed the Future program of the U.S. Government, USAID, IFPRI and Michigan State University in collaboration with Nigeria Agricultural Policy Project. Training was held at Kaduna State University, Kaduna. 22-26<sup>th</sup> October, 2018.
- iv. Certificate course in Church Leadership and Evangelism, Organized by Call of Faith Bible Training Centre (COFBTC), Zaria. Training was held at church auditorium, Box 354, Zaria, August - December, 2014.

## 16. Work Experience

- |      |   |                |
|------|---|----------------|
| i.   | Lecturer I<br>Department of Animal Science,<br>Kaduna State University.         | 2021-till date |
| ii.  | Lecturer II<br>Department of Animal Science,<br>Kaduna State University.        | 2018-2021      |
| iii. | Assistant Lecturer<br>Department of Animal Science,<br>Kaduna State University. | 2015-2018      |
| iv.  | Operational Manager<br>Maina Seeds Limited, Kano State.                         | 2015           |
| v.   | Biology Teacher<br>Comprehensive College, Zaria.                                | 2013-2014      |

## 17. Certificates

- i. Certificate of Accomplishment in Survey Data Analysis Using **STATA** 2018
- ii. Registered Animal Scientist (**RAS**) 2018
- iii. Advanced Digital Appreciation Program for Tertiary Institution 2016
- iv. Certificate Course in Church Leadership and Evangelism 2014
- v. Certificate Of National Service: National Youth Service Corps (**NYSC**) 2012
- vi. Certificate of Merit: 302 Artillery Regiment (GS, **Nigerian Army**) (NYSC) 2012
- vii. Certificate of Service: Nigerian Association of Animal Science Students 2009/2010

## 18. Workshop Hosted

- i. “Sustainable Pig Management for Job Creation and Poverty Alleviation” by Nigerian Institute of Animal Science, Animal Science Association of Nigeria and Kaduna State University. 2019

## 19. Professional Membership

- i. Nigeria Society of Animal Production (NSAP) 2020
- ii. Nigerian Institute of Animal Science (NIAS) 2016
- iii. Animal Science Association of Nigeria (ASAN) 2015

## 20. Publications in Peer Reviewed Journals

1. **Gandi, B. R.**, Barnabas, J. C., Mallam, I., Aliyu, Z.I., Kaboshio, K. Y. and Yayi, J. (2023). Effects of Storage Duration and Season on Egg Quality Parameters of Laying Chickens. *Nigerian Journal of Animal Science and Technology*. Vol. 6(2) : 83-92.
2. Aliyu, Z. I., Abdul, S. B. and **Gandi, B. R.** (2023). Effect of dietary inclusion levels of locust (*Zonoceros variegatus*) meal on growth performance and carcass characteristics of grower rabbits. *Nigerian Journal of Animal Science*. Vol. 25 (3): 109-119.
3. **Gandi, B.R.**, Yahaya, P., Ibrahim Y., Aliyu, Z.I. and Bulus, L. (2020). Effect of Feeding Poultry by Product Meal Treated with Ginger (*Zinger officinale (L) Rosc*) on Histopathology of Selected Tissues in Broiler Birds. *Kaduna Journal of Agriculture and Natural Resources*. 5(1): 26-47

4. **Gandi, B.R.**, Muhammad S.A., Makama R.S. Aliyu Z.I. and Ibrahim Y. (2020). Sensory Evaluation and Microbial Status of Meat Floss From West African Dwarf Goats Fed Graded Levels of Broiler Litter. *Science World Journal*. 15(3) <https://doi.org/10.47514/swj/15.03.2020.022>
5. **Gandi, B.R.**, Bulus, L., Yahaya, P., Yakubu, I. and Makama, R.S. (2020). Haematology and Serum Biochemical Indices of Broiler Chickens fed Poultry By-Product Meal Treated with Ginger (*Zingiber Officinale*). *Nigerian Journal of Animal Science and Technology*. 3(2):147-155
6. **Gandi, B.R.** Jibri, M., Abdu, S.B. and Duru, S. (2020). Evaluation of Poultry By-Product Meal Treated with Ginger (*Zingiber officinale* (L) Rosc). *Nigerian Journal of Animal Production*. 47(2): 68-75
7. **Gandi B.R.**, Olusola, O.O. and Bawa, G.S. (2018). Microbial Status of Beef Smoked with Different Plant Materials. *Kaduna Journal of Agriculture and Natural Resources*. 3(1): 1-12
8. **Gandi, B.R.**, Olusola, O.O., Abunwune, R.N., Makama, R.S. and Abdu, S.B. (2016). Sensory and Physicochemical Evaluation of Suya Produced from Various Round Muscles. *Nigerian Journal of Animal Science*. 18 (2): 551-559.
9. **Gandi, B.R.**, Olusola, O.O. and Bawa, G.S. (2014). Quality Characteristics and Microbial Status of Beef Smoked with Different Plant Materials. *Nigerian Journal of Animal Science*.16(1):157-165.
10. Aliyu, Z. I., Abdu, S. B. and **Gandi, B.R.** (2023). Effect of dietary inclusion levels of Locust (*Zonoceros variegatus*) meal on growth performance and carcass characteristics of grower rabbits. *Nigerian Journal of Animal Science* 25(3):109-119.
11. Mallam, L., Jerry, E. M., Achi, N.P., Alao, R. O., **Gandi, B. R.** and Muhammad S.A (2022). Effect of breed and graded levels of sun-dried pineapple (*Ananas cosmosus*) peels on carcass characteristics of growing rabbit (*Oryctolagus cuniculus*) bucks. *Animal Science and genetics, Polish Society of animal production*. 18 (3): 81-93. DOI: 10.5604/01.3001.0016.0518
12. Aliyu, Z. I., Abdu, S. B., **Gandi, B. R.**, Jibir, M., Ahmad, Y. and Balaraba, R. S. (2022). Effects of Dietary Level of Locust (*Zonocerus variegatus*) Meal and Cooking Methods on Meat Quality of Growing Rabbits. *Nigerian Journal of Animal Science and Technology*. 5(4): 26-38
13. Mallam, I., Jerry, M. E., Achi, N. P., Alao, R.O., **Gandi, B.R.** and Muhammad S. A. (2022). Effect of breed and graded levels of sun-dried pineapple (*Ananas cosmosus*)

- peel on carcass characteristics of growing rabbit (*orytolagus cuniculus*) bucks. *Animal Science and Genetics*. 18(3):81-93. DOI: 10.5604/01.3001.0016.0518
14. Muhammad, S.A., **Gandi, B.R.** and Ibrahim, Y. (2021). Growth Performance, Nutrient Digestibility and Blood Indices of West African Dwarf Goats Fed Graded Levels of Broiler Litter. *Agricultural Science Digest*. [10.18805/ag.D-295](https://doi.org/10.18805/ag.D-295)
  15. Makama R. S., Grace, D. A., **Gandi, B.R.**, Mallam I. and Bage, S.E. (2020). Effect of Boiling Duration on Proximate Composition, Some Anti-Nutrients and Mineral Composition of Sickle Pod (*Senna obtusifol*), *Kaduna Journal of Agriculture and Natural Resources*. 5(1): 57-74
  16. Raji, A.O., Aliyu J. and **Gandi B.R.** (2018). Genetic Parameter Estimates of Body Weight Traits of Domestic Pigeon (*Columba livia*) Squabs in a Semi-Arid Area of Nigeria. *Kaduna Journal of Agriculture and Natural Resources*. 3(1): 89-97.
  17. Friday, T.S., Olugbemi T.S., **Gandi B.R.** and Olusola O.O. (2016) Effect of Vitamin C Supplementation and Stocking Density on Production Performance and Egg Quality Characteristics of the Japanese Quails. *Kaduna Journal of Agriculture and Natural Resources* Vol. 1:173-187.
  18. Makama, R. S. Duru, S., Bawa, G.S., **Gandi, B.R.**, Munza, B.M. and Mallam, I. (2020). Influence of Supplementing Di- Methionine and Methionine Hydroxyle Analogue-Free Acid on the Performance and Blood Indices of Broiler Chickens. *Nigerian Journal of Animal Science and Technology*. 3(2):11-21
  19. Makama, R.S., Duru, S., Bawa G. S., Yakubu,S.T. and **Gandi, B.R.** (2017). Effect of Supplementing two types of Methionine on Carcass Characteristics of Finisher Broiler Chicken. *NAPRI Journal of Animal Production Research*. 29(2): 81-90
  20. Alphonsus, C., Akpa, G.N., Hassan, A.M., Achi, N.P., **Gandi, B.R.**, Makama, R.S., and Muhammad, S.A. (2017). Relationship between Milk Production Characteristics and Fertility of Friesian X Bunaji Dairy Cows. *Kaduna Journal of Agriculture and Natural Resources*.2 (1): 121-130.

#### **Conference Papers Presented**

21. Kaboshio, K. Y., Emmanuel, J., Yayi, J., Aliyu, Z. I. and **Gandi, B. R.** (2023). Microbiomes in some livestock (Cattle, Goats, Pigs and Poultry).*Conference Proceedings of the 28<sup>th</sup> Annual conference of Animal Science Association of Nigeria (ASAN) and Nigerian Institute of Animal Science (NIAS) Joint Conference, Abuja.*(54-58).

22. Yayi, J., **Gandi, B. R.**, Kaboshio, K. Y., Aliyu, Z.I., and Muhammad, S. A. (2023). Bacteriophage as an Antimicrobial Agent Against Mastitis in Diary Cattle: A Review. *Conference Proceedings of the 28<sup>th</sup> Annual conference of Animal Science Association of Nigeria (ASAN) and Nigerian Institute of Animal Science (NIAS) Joint Conference, Abuja.*(660-663)
23. Ibrahim, J. E., **Gandi, B. R.**, Kaboshio, K.Y. and Aliyu, Z. I. (2023). Evaluation of the Oxidative Stability of some Animal By-Product Meals over a storage period of 60 Days. *48<sup>th</sup> Annual Conference of Nigerian Society for Animal Production, Dustainma* pp. 446-449.
24. Aliyu, Z. I., Akos, I. S., Habila, C., Yayi, J., Kaboshio, K. Y. and **Gandi, B.R.** (2023). Proximate and Mineral composition of Poultry By-product Meal, Hatchery By-product Meal, Fish Meal, and Feather Meal. *48<sup>th</sup> Annual Conference of Nigerian Society for Animal Production, Dustainma* pp. 1397.
25. Angara, A.U., Gambo, B.K., Ndahi, Y.M. and **Gandi, B.R.** (2021). Economics of Broiler Chicken Fed Graded Levels of Treated Poultry By-Product as a Means of Mitigating the Impacts of Covid-19. Nigerian Association of Agricultural Economists (NAAE) National Conference, Lafia: 43-44.
26. Zakka, G.C., **Gandi B.R.** Musa J. and Kachong Y. K. (2020) Effect of Aging Duration on Quality Parameters of Grilled Local Chickens. *Nigerian Society for Animal Production (NSAP) 45<sup>TH</sup> Annual Conference*, Bauchi: 819-823
27. Makama, R. S., Ibrahim, I. A., Bage, S. E. and **Gandi, B. R.** (2020). Haematological Parameters of Broiler Chicken feed diets containing *Delonix regia* seed meal Boiled at Different Time Intervals. *Proceedings of the 25<sup>th</sup> Annual Conference of the animal science association of Nigeria*
28. **Gandi, B. R.**, Joseph, S., Makama, R. S. and Alphonsus, C. (2019). Assessment of Microbial Status of Cooked Pork Sold in Kasit International Pig Market, Kaduna State, Nigeria. *44<sup>th</sup> Annual Conference of Nigerian Society for Animal Production, Abuja.* 51-55
29. **Gandi, B. R.**, Duru, S., Timothy B.J. Yahaya H.K. and Kaboshio K.Y.(2016). Effect of Cooking Time on The Proximate Composition of *Citrulluslantatus* Seeds and Anti-Nutritional Composition of the Raw Seeds. *Conference Proceedings of the 5<sup>th</sup> Animal Science Association of Nigeria (ASAN) and Nigerian Institute of Animal Science (NIAS) Joint Conference, Port Harcourt.*

30. Duru S., **B.R. Gandi**, G.Y. Benjamin and R.B. Sijuola (2015). Economic Impact of Processing Pregnant Animals under Zaria Condition. *40<sup>th</sup> Annual Conference of Nigerian Society for Animal Product, Zaria*. 230-232
31. **Gandi, B.R.**, Duru, S. and Joshua M.B. (2014). Effect of Duration of Boiling *Albizia Lebbeck* Seeds on Proximate Composition and Level of Anti-Nutritional Factors. *Conference proceedings of the 3<sup>rd</sup> Animal Science Association of Nigeria(ASAN) and Nigerian Institute of Animal science (NIAS) Joint Conference, Ibadan*.178-180.
32. **Gandi, B.R.**, Duru, S. and Basina, T.J. (2014).Effect of Cooking Time on Nutritional Composition of *Citrullus lantus* Seeds and Anti-Nutritional Composition of the Raw Seeds. *Conference proceedings of the 3<sup>rd</sup> ASAN-NIAS JointConference.Ibadan* 133-135.
33. **Gandi B. R.**, Balarabe, A. and Benjamin G. Y. (2013). Effect of Starter Nitrogen Application on Nodulation of Mucuna Beans (*Stylozubiumsp.*). In 47<sup>th</sup>Annual Conference of *Agricultural Society of Nigeria*. 757-760.
34. Benjamin G.Y., Ndams I.S., **Gandi, B.R.** and Abu R.J. (2013). Assessment of Heavy Metals Concentrations in Kufena Quarry Pond Zaria. In *47<sup>th</sup> Annual Conference of Agricultural Society of Nigeria: 1224 – 1226*.

## 21. Dissertation/Thesis/Project

1. **Gandi, B.R.** (2021). Evaluation of Poultry By-Product Meal Stabilized with Ginger on Broiler Chicken Performance and Meat Quality. PhD Dissertation. Department of Animal Science, Ahmadu Bello University, Zaria.
2. **Gandi, B.R.** (2014). Quality Characterization and Microbial Analysis of beef smoked using different plant materials. M.Sc. Thesis. Department of Animal Science, Ahmadu Bello University, Zaria.
3. **Gandi, B.R.** (2014). A Study on Student Performance in S.S.C.E(Agricultural Science) in Secondary Schools in Sabon Gari Local Government area of Kaduna State. PGDE Project; Directorate of Professional Diploma in Education, Federal College of Education Zaria.
4. **Gandi, B.R.** (2010). Effect of Starter Nitrogen Application on Nodulation of Mucuna Beans (*Stylozubium sp.*). B.Sc. (Agric.) Project; Department of Animal Science, Ahmadu Bello University, Zaria.

## 22. Undergraduate Project Supervision

1. HABILA Christian (KASU/16/AGR/1096). Proximate and mineral composition of some animal by-product meals. **2023**
2. BARNABAS Joyce Chat (KASU/16/AGR/1036). Effect of storage durations and seasons on egg quality parameters. **2022**
3. DANIEL Jessica (KASU/16/AGR/1090). Evaluation of the oxidative stability of some animal by-products meals. **2022**
4. AYUBA Lois Bhokosai (KASU/16/AGR/1142) Effect of Laying phases on egg quality parameters and egg production. **2022**
5. BULUS Ladi (KASU/15/AGR/1002). Haematology and Serum Biochemical Indices of Broiler Chickens fed Poultry By-Product Meal Treated with Ginger (*Zingiber Officinale*). **2020**
6. YAHAYA Patricia (KASU/15/AGR/1036). Effect of Feeding Poultry by Product Meal Treated with Ginger (*Zinger officinale (L) Rosc*) on Histopathology of Selected Tissues in Broiler Birds. **2020**
7. George Takad Ali (KASU/14/AGR/1007). Effect of Feeding Poultry litter at different inclusion levels on Histopathology of West African Dwarf Bucks. **2019**
8. ABIYA, Precious Bala. ‘Assessment of Consumer Perception of Meat Quality in Kaduna State University, Kafanchan Campus’. **2018**.
9. KABOSHIO, Kachong Yohanna, ‘Effect of Bleeding Time on Meat Quality of Rabbit’, **2018**.
10. ZAKKA Christain Gambo, ‘Effect of Aging Duration on The Sensory Qualities of Grilled Local Chickens’, **2018**.
11. JOSEPH Solomon, ‘Assessment of Microbial Assai of Pork Sold in Katsit International Pig Market, Zangon Kataf Local Government Area of Kaduna State, Nigeria’, **2017**.

## 23. University Teaching Experience

- Animal Products Processing and Handling (ANS 512): 2016/17 Session till date
- Monogastric Nutrition (509): 2016/17 Session till date
- Micro Livestock Production (ANS 511): 2016/17 Session – 2018/2019 session
- Seminar (ANS 500): 2016/2017 till date
- Introduction to Agriculture (AGR 101)- 2019/2020 Session



- Animal Husbandry Techniques (403) 2015/16 – 2018/1019 Session
- Agricultural Produce Processing and Storage (ANS 402) 2015/16 Session till date
- Monogastric Animal Production (ANS 301) 2016/17 Session till date
- Feeds and Feeding (ANS 203) 2015/2016
- Anatomy and Physiology of Farm Animals (ANS 201) -2015/2016, 2021/2022
- Principles of Animal Genetics (204) -2014/2015, 2022/2023

#### **24. Additional University Responsibilities:**

- Deputy Director, General Studies (GST) and Entrepreneurship Center 2023-Till date
- Head, Department of Animal Science 2022-Till date
- Faculty Coordinator for SIWES 2022- 2023
- Chairman, IGR Committee for Animal Science 2019- 2022
- Seminar/Final year Project Coordinator 2019/2020 Session – 2022
- Faculty Examination Officer Nov. 2016 –Nov. 2018
- Acting Head of Department 6<sup>th</sup> June- 15<sup>th</sup> July, 2016
- Acting Head of Department 31<sup>st</sup> August-6<sup>th</sup> September, 2016
- Examination officer Animal Science Department 2015-2016

#### **25. Community Services:**

- **ELCOM Chairman**, ABIRI-GURE NATIONAL DEVELOPMENT ASSOCIATION 2023
- **Chairman**, Parent-Teachers Fellowship, Waterbrooks Pathway Schools, Kaduna 2023
- **Coordinator**, Adult Sunday School, Chapel Of Victory KASU-KAF., Kaduna 2023-2025
- **Vice Chairman** of Council, Chapel of Victory, Kaduna State University 2019-2023
- **Member**, Transportation committee, Water Brooks Pathway Sch. Kafanchan 2021
- **Secretary**, Animal Science Association of Nigeria (**ASAN**), Kafanchan Chapter 2019

#### **26. Competence and Skills:**

- Am good at reviewing of research works
- I have creative and intellectual ability to identify problems and make good judgment and provide solutions with drive for continuous learning.
- I'm a prudent time manager with impressive enthusiasm and confidence developed while having to meet frequent targets by top management

- I can adopt any method to accommodate intelligence and learning styles, ensuring each student well comprehend and retain the information in the manner that suits him/her best.
- I have the ability to work independently and with people of diverse background and interest, towards achieving collective and common goals.

## **27. Referees**

### **1. Professor S.B. Abdu**

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 Zaria, Kaduna State  
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### **2. Professor A.B. ZARAFI**

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### **3. Prof. A.I. Sodangi**

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 Kaduna State University, Kaduna.  
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