

DEMILADE ISRAEL IBIWOYE

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Academic Qualifications

2016 – 2018 **Master of Science in Animal Production**
University of Ilorin, P.M.B 1515, Ilorin, Kwara State, Nigeria
Grade: 82.03% (Distinction)

2009 – 2014 **Bachelor of Agriculture**
University of Ilorin, P.M.B 1515, Ilorin, Kwara State, Nigeria
Grade: 4.32/5.00 (86.4%)

Professional Experience

2021 – Present **Organizing Secretary**, Africa Bioinformatics Club (ABC)
•Coordinates activities of the Executive council with other organs of ABC
•Coordinates the activities of the Representative Council and communicate to the Executive council
•Organize activities such as seminars and workshops

2021 – Present **Avian Genetics & Genomics Committee Member**, International Society for Animal Genetics (ISAG)
•Reviewing and accepting articles for workshops of Avian Genetics and Genomics for the association
•Answering relevant inquiries to the Committee from the Executive Committee and members of ISAG

2020 – Present **Regional Director (Africa)**, Poultry Science Association (PSA) Student Hatchery
•Communicates with University Ambassadors of Poultry science activities, initiatives and student-related concerns in the Africa region
•Support University Ambassadors in their efforts to gather information, execute initiatives and address student concerns at their institutions; inform Student Directors about poultry science activities in Africa region
•Contribute to PSA growth and the use of PSA resources by recruiting new University Ambassadors in Africa

Research Experience

2021 **Research Associate**, African Council on Narcotics, Abuja, Nigeria
•Carry out Research involving abuse of illicit substances, and thorough research
•Gathering information and statistics on governmental and voluntary agencies activities to provide independent empirical findings, data and balanced opinion on the extent and general efforts of various African governments in the fight against drug scourge

2021 **Intern**, H3ABionet Next Generation Sequencing, University of Cape Town
•Perform QC assessment of high throughput sequencing data
•Analyzed RNA-Seq data of Human and Bacterial pathogen
•Performed genome assembly, Post sequencing analysis-QC, alignment, assembly, variant calling and RNA-Seq

- 2020 - 2021 **Research Assistant**, Quantitative, Molecular Evolution and Genome Diversity Unit, Department of Animal Production, University of Ilorin, Nigeria
•Conduct research on livestock (with particular emphasis on poultry) •Helps in review writing, taking Undergraduate Students through article writing •Leads the data analysis unit of the laboratory by analyzing data, providing meaningful interpretation
- 2019 **Journal Assistant**, International Journal of Moringa and Nutraceutical Research
•Editing articles and publishing them on behalf of the Society
- 2018 **Research Intern**, Central Research Laboratory, Ilorin, Nigeria
•Performed DNA extraction and purification, PCR •Carried out proximate analysis and cell culture
- 2012 – 2013 **Intern**, Farm Practical Training Centre, University of Ilorin, Nigeria
•Worked on the poultry farm, feed mill, vegetable, maize, citrus & cassava farm •Helped in the formulation and mixing of livestock feeds
- 2012 **Intern**, Kwara State Ministry of Agriculture and Natural Resources, Nigeria
•Worked in the horticulture, pest control, engineering and livestock department and helped in the fumigation of livestock farms

Teaching Experience

- 2018 – 2020 **Tutor**, Joint University Preliminary Education Board, University of Ilorin, Nigeria
•Tutoring Undergraduate students of the University Courses in Animal Science
•Taking students through laboratory practical and conducting research on the farm
- 2015 – 2019 **Agricultural Science Teacher**, IQRA College, Ilorin, Nigeria
•Prepared course materials such as syllabus and lesson notes •Evaluated and graded students' assignments, laboratory work & scientific papers
- 2014 – 2015 **Agricultural Science Teacher**, James Welsh Grammar School, Delta State, Nigeria
•Assisted in taking agricultural science classes and marking students' scripts
•Worked on the poultry and tomato farm •Engaged in extension activities to farmers in the community

Awards

- 2019 •Graduate Student Funding by All Africa Society for Animal Production (AASAP) to attend the 7thAll Africa Conference on Animal Agriculture", Accra, Ghana •Early Career (developing country) Travel bursary by the International Society for Animal Genetics (ISAG) to attend the 37thInternational Society for Animal Genetic Conference, Lleida, Spain.
- 2018 •Best Graduating M.Sc. Student in Department of Animal Production

2016 •Most Outstanding Staff in Science Department, IQRA College, Ilorin

Publications

- 2021 **Ibiwoye, D.I** and Sola-Ojo, F.E. Multivariate Analysis of Four Strains of Broiler Chickens at Four Weeks of Age. *Genetics and Biodiversity Journal*, Volume 5, Issue 2, Pages 44 – 53
- 2021 Abubakar, I.A., Sola-Ojo, F.E., Adeola, A.C and **Ibiwoye, D.I** (2021). Body weight and Morphometric traits characterization of Some Nigeria Homing Pigeons (*Columbia livia*). *Genetics and Biodiversity Journal*, Volume 5, Issue 2, Pages 12 – 19
- 2020 Sola-Ojo, F.E., **Ibiwoye, D.I.**, Asogwa, N.T., Abubakar, I.A., Yusuf, O.A., Babalola, F.A and Babatunde, A.O. Effects of genotypes on Body weight and Morphometric body parameters in some adult Nigerian Local Chickens based on Normal and Rare feather types. *Journal of Animal Breeding and Genomics*, 4(3): 83-89
- 2020 Sola-Ojo, F.E., **Ibiwoye, D.I** and Akilapa M.A. Effects of Strain on Body Weight and Morphometric Traits and Their Relationships in Four Broiler Chicken Types during the Starter and Finisher Stages. *Journal of Agriculture and Food Environment*, Volume 7(1): 9-16
- 2020 Sola-Ojo, F.E., **Ibiwoye, D.I** and Taiwo, O. Rectal Temperature and Respiratory Rate of Four Broiler Chicken Strains Subjected to Acute Heat Stress Conditions in a Tropical Climate. *Bulletin of Animal Health and Production in Africa*, Volume 68, No 2, Pages 113 – 122
- 2020 Sola-Ojo, F.E., Ayorinde, K.L., Ifedayo-Ojo., Adeniji, R.O., **Ibiwoye, D.I** and Abubakar, I.A. Effects of feeding diluted diets on growth performance and morphometric body parameters of exotic and improved local chicks. *Nigerian Journal of Animal Science*, Volume 22 (1): 42-49
- 2019 Sola-ojo, F.E., Adeyemi, K.D., Alli, O.I., **Ibiwoye, D.I.**, Taiwo, O., Onyebuchi, K.U. and Akilapa, M.A. Effects of Acute Heat Stress on Performance and Blood Parameters of Four Broiler Chicken Strains Reared in North Central Nigeria. *Journal of Agriculture and Food Environment*, Volume 6(4): 1-13
- 2018 Sola-Ojo, F.E; Annongu, A.A; Kayode, R.M.O; Opowoye, I.O; Furo, N.A; Adedibu, I.I; and **Ibiwoye, D.I.** Effects of feeding Processed Baobab Seed on Histology of Broiler Chickens at Finisher Stage. *Nigerian Journal of Science (NJS)*, Volume 52(2), pages 73 – 85
- 2017 Sola-Ojo, F. E., **Ibiwoye, D.I.**, Abubakar I.A, Asaolu, T.S and Onyebuchi, U.K. Effects of Dietary inclusion levels of graded Decorticated *Roasted Moringa oleifera* seed meal in Broiler Starter diets. *International Journal of Moringa and Nutraceutical Research*, Volume 4, pages 47 – 52

2016 Sola-Ojo, F.E; Annongu, A.A; Fayeye, T.R; Badmos, A.H.A; Furo, N.A; **Ibiwoye, D.I.** Effects of feeding processed baobab (*Adansoni adigitata*) seed on haematology and serum biochemistry of broiler chicks. Ife Journal of Science, Osun State, Nigeria, Volume 18, No 4, pages 895 – 903

Conference Presentations

- 2021 **Ibiwoye, D.I.**, Sola-Ojo, F.E., Adeniyi, C.A., Afolabi-Balogun, N.B., Abubakar I.A., Oni, O.A and Aremu. Taxonomy classification of Nigerian local turkey using 12S mitochondrial rRNA gene. 38th International Society for Animal Genetics Virtual Conference. **Oral Presentation**
- 2021 Sola-Ojo, F.E., **Ibiwoye D.I** and Sule B. Effect of Fasting and Heat Stress on Blood parameters, Carcass and Meat quality of two Broiler chicken strains. Virtual 2021 Poultry Science Association Annual Meeting. **Oral Presentation**
- 2020 Sola-Ojo, F.E and **Ibiwoye D.I.** Discriminant and factor Analysis of four strains of finisher broiler chickens. Virtual 2020 Poultry Science Association Annual Meeting. **Oral Presentation**
- 2019 Sola-Ojo, F.E; Taiwo O; and **Ibiwoye D.I.** Effect of Acute Heat Stress on Rectal Temperature and Pulse Rate on Strains of Broiler Chickens. 7th All Africa Conference on Animal Agriculture, Accra Ghana. **Oral presentation**
- 2019 Sola-Ojo, F.E; Emmanuel B; and **Ibiwoye D.I.** Relationship between growth traits in exotic layer and improved local strains of chickens fed diluted diets. 7th All Africa Conference on Animal Agriculture, Accra Ghana. **Poster presentation**
- 2019 Sola-Ojo, F.E and **Ibiwoye D.I.** Discriminant Analysis and factor analysis of four strains of starter broiler chickens. 37th International Society for Animal Genetics Conference, Lleida, Spain. **Poster presentation**
- 2018 Sola-Ojo, F.E; and **Ibiwoye, D.I.** Discriminant Analysis of Four strains of broiler chickens. 7th Animal Science Association of Nigeria (ASAN) and Nigerian Institute of Animal Science (NIAS) Conference, Ilorin, Kwara State. **Oral presentation**
- 2017 Sola-Ojo, F.E; Annongu, A.A; Kayode, R.M.O; Opowoye, I.O; Furo, N.A; Adedibu, I.I; and **Ibiwoye, D.I.** Effects of feeding Processed Baobab Seed on Histology of Broiler Chickens at Finisher Stage. Science Association of Nigeria (SAN) conference, Canaan land, Ota, Ogun State, Nigeria. **Oral Presentation**
- 2015 Sola-Ojo, F.E; Nathan Ahmadu Furo; Fayeye, T.R; Olatunde, A.O; Ogunsola, F.O and **Ibiwoye, D.I.** Effects of feeding processed baobab seed on haematology and serum biochemistry of broiler chicks. 5th Nigeria International Poultry Summit. Page 222- 225. Published by the world poultry science association-Nigerian branch

2013 Yusuf, I.O; Sola-Ojo, F.E; Nathan Ahmadu Furo; **Ibiwoye, D.I**; Fayeye, T.R; Olatunde, A.O and Ogunsola F.O. Effects of Using Moringa oleifera leaf powder as Vitamin Premix on Laying Performance of Isa brown layers, MLE 2013/006

Workshops/Conferences Attended

- 2021
- 38th International Society for Animal Genetics Virtual Conference, July 26 – 30
 - Virtual 2021 Poultry Science Association Annual Meeting, July 19 – 22
 - 3rd Generation Genomics and Bioinformatics Workshop (Online) by International Livestock Research Institute (ILRI) from June 14 – July 30
 - Online course on Introduction to bioinformatics and population genomics applied to livestock hosted by International Livestock Research Institute (ILRI) and Swedish University of Agricultural Sciences (SLU) from 24 May – 4 June
 - Maximizing genetic potential with embryo transfer and IVF technology" by Dr Nate Dorshorst held on January 27
- 2020
- Virtual 6th International Conference of Quantitative Genetics (ICQG6), November 2 –12
 - Virtual 16th International Society for Computational Biology (ISCB) Student Council Symposium, July 10 – 11
 - Virtual 2020 Poultry Science Association Annual Meeting, July 20 - 22
- 2019
- Bioinformatics for Molecular Research Training Course Organized by the Nigeria Agricultural Quarantine Service in Ibadan, Oyo State, Nigeria, November 25–29
 - 8th Animal Science Association of Nigeria (ASAN) and NIAS (Nigerian Institute of Animal Science) Joint Annual Meeting held at the International Conference Centre, Umuahia, Abia State, Nigeria, September 8 – 12
 - 7th All Africa Conference on Animal Agriculture held at the International Conference Centre, Accra, Ghana, July 29 – August 2
 - 37th International Society for Animal Genetics Conference held in Lleida, Spain, July 7 – 12
 - Hands on metadata validation and FAANG data submission training workshop organized by EMBL-EBI held in Lleida, Spain, July 12
 - Workshop on the Prop of Molecular Research, Primer designs & operations in Blasted Sequence organized by the Institute of Molecular Science & Biotechnology, University of Ilorin, Kwara State, Nigeria, April 10
- 2018
- A Day training course on the use of PowerPoint in conference and seminar presentation, effective communication during seminar presentation and interpretation of statistical results for seminar presentation organized by the Department of Animal Production, University of Ilorin, January 18
- 2014
- Workshop on Animal Improvement for Profit maximization organized by Animal Science Association of Nigeria & Nigerian Institute of Animal Science(ASAN/NIAS), Kwara State Chapter held at Kwara Hotels & Towers, Ilorin, Nigeria, June
- 2013
- Farmers Fair on Repositioning Agriculture for Accelerated Development

organized by Animal Science Association of Nigeria & Nigerian Institute of Animal Science (ASAN/NIAS), Kwara State Chapter held at Queen Elizabeth Schools, Ilorin, Nigeria, December 18 – 22

- Workshop on Feeding Livestock for Optimum Profit Organized by Animal Science Association of Nigeria & Nigerian Institute of Animal Science (ASAN/NIAS), Kwara State Chapter held at Kwara Hotels & Towers, Ilorin, Nigeria, June 18 – 19

Technical Skills

Laboratory skills DNA extraction, PCR preparation, Cell Culture
Communication skills Writing and presentation
Statistical analysis R, Excel, SPSS, SAS and Bioinformatics

Professional Certification

2021 Pan African Bioinformatics Network (H3Abionet), Next Generation Sequencing (NGS), Advanced Bioinformatics course (University of Capetown, South Africa)

2020 Pan African Bioinformatics Network (H30AbioNet), Introduction to Bioinformatics Course (University of Capetown, South Africa)

2015 HSE (Health & Safety at work) level 1, 2 and 3 and DPR Safety, First Aid

Professional Membership

- Poultry Science Association (PSA)
- Animal Science Association of Nigeria (ASAN)
- Nigerian Institute of Animal Science (NIAS)
- World Poultry Science Association (Nigeria Branch)
- International Society for Animal Genetics (ISAG)
- Science Association of Nigeria (SAN)
- Genetic Society of Nigeria (GSN)

Interests

•Animal nutrition •Molecular biology •Animal Health •Bioinformatics

Referees

- **Prof. Ayokunle Afolabi Toyé**
Department of Animal Production, Faculty of Agriculture, University of Ilorin, Nigeria
E-mail : ayo.a.toye@gmail.com
Tel: (+234) 8131011392
- **Dr(Mrs) Foluke Eunice Sola-Ojo**
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- **Dr Elisabetta Giuffra**
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