

## **DUROSARO, Samuel Olutunde**



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**Phone no.:** +2347069464530

**Organization:** FUNAAB

**College:** COLANIM

**Department:** ABG

**Rank:** Lecturer II

### **Biography**

Durosaro, Samuel Olutunde is a Lecturer II in the Department of Animal Breeding and Genetics (ABG), College of Animal Science and Livestock Production (COLANIM), Federal University of Agriculture Abeokuta (FUNAAB). He is a Livestock Breeder and Geneticist with strong background in statistics and candidate gene research.

He graduated from University of Agriculture, Abeokuta, Nigeria in 2010 as the best graduating student in COLANIM. He joined the services of FUNAAB in 2011 as a Junior Research Fellow. Over the years in FUNAAB, Mr. Durosaro has been carrying out research activities, supervising and training of students.

He has won so many outstanding and distinguished prizes, honours and scholarships and the most recent of such is World Bank Centre of Excellence in Agricultural Development and Sustainable Environment Scholarship for Ph.D study. Mr. Durosaro has to his credit 11 publications in learned journals. He has carried out series of research works and some of which include computational identification of fertility functions of bovine *Reprimo* gene, mutational and evolutionary analyses of bovine *Reprimo* gene, genetic parameter estimates for growth traits at different ages in Nigerian indigenous turkeys, comparison of non-linear growth models in describing the growth curve of Nigerian indigenous turkeys, to mention a few.

His research interest includes genomics, statistics and candidate gene analysis. Mr. Durosaro is a member of World Poultry Science Association, Nigerian branch and Genetics Society of Nigeria.

## CURRICULUM VITAE OF DUROSARO, SAMUEL OLUTUNDE

### 01. PERSONAL DATA

- |                                  |  |
|----------------------------------|--|
| (i) Name in Full:                | DUROSARO, Samuel Olutunde  |
| (ii) Date of Birth:              | March 6, 1986  |
| (iii) Place of Birth:            | Ibadan   |
| (iv) Age:                        | 32 Years   |
| (v) Sex:                         | Male   |
| (vi) Marital Status:             | Married  |
| (vii) Nationality:               | Nigerian   |
| (viii) Town and State of Origin: | Ibadan/Oyo State   |
| (ix) Contact Address:            | Department of Animal Breeding and Genetics,<br>Federal University of Agriculture, Abeokuta |
| (x) Phone Number:                | +2347069464530   |
| (xi) Email Address:              | durosaroolutunde@yahoo.com   |

### 02. EDUCATIONAL BACKGROUND

#### (i) Educational Institutions Attended With Dates

- |  |                            |
|--|----------------------------|
| 1. Federal University of Agriculture, Abeokuta | October 2014 till date     |
| 2. Federal University of Agriculture, Abeokuta | October 2011 - July 2013   |
| 3. University of Agriculture, Abeokuta         | May 2004 - April 2010      |
| 4. Lagelu Grammar School, Ibadan               | September 1996 - July 2002 |
| 5. IMG School II, Elekuro S4, Ibadan           | September 1990 - July 1996 |

#### (ii) Academic and Professional Qualifications With Dates

- |   |            |
|---|------------|
| 1. M. Agric. (Animal Breeding and Genetics) | July 2013  |
| 2. B. Agric. ( <b>First Class Honours</b> ) | April 2010 |

### **(iii) Prizes, Honours, Scholarships, National and International Recognition**

1. Senate annual prize for best graduating student in the College of Animal Science and Livestock Production, Federal University of Agriculture, Abeokuta. 2008/2009 Academic Session.
2. Senate annual prize for First Class Honours graduating student, Federal University of Agriculture, Abeokuta. 2008/2009 Academic Session.
3. Ogun State Printing Corporation prize for the best graduating student in the College of Animal Science and Livestock Production, Federal University of Agriculture, Abeokuta. 2008/2009 Academic Session.
4. World Bank Centre of Excellence in Agricultural Development and Sustainable Environment Scholarship for Ph.D. study, Federal University of Agriculture, Abeokuta. Scholarship letter dated October 13, 2014.

### **03. WORK EXPERIENCE**

#### **University Teaching**

1. Junior Research Fellow, Department of Animal Breeding and Genetics, Federal University of Agriculture, Abeokuta. August 23, 2011 to February 10, 2014.
2. Assistant Lecturer, Department of Animal Breeding and Genetics, Federal University of Agriculture, Abeokuta. February 10, 2014 till date.

#### **2011/2012 Academic Session**

<b>Course Code</b>	<b>Course Title</b>	<b>Unit</b>	<b>Number of Students</b>	<b>Number of Lecturers</b>
AGS 597	Seminar I	1	59	12
AGS 598	Seminar II	1	59	12

#### **2012/2013 Academic Session**

<b>Course Code</b>	<b>Course Title</b>	<b>Unit</b>	<b>Number of Students</b>	<b>Number of Lecturers</b>
AGS 597	Seminar I	1	61	11
AGS 598	Seminar II	1	61	11

#### **2013/2014 Academic Session**

<b>Course Code</b>	<b>Course Title</b>	<b>Unit</b>	<b>Number of Students</b>	<b>Number of Lecturers</b>
AGS 597	Seminar I	1	77	11
AGS 598	Seminar II	1	77	11
AGP 599	Project	4	2	1
PBS 302	Basic Plant and Animal Genetics	3	1650	4

**2014/2015 Academic Session**

<b>Course Code</b>	<b>Course Title</b>	<b>Unit</b>	<b>Number of Students</b>	<b>Number of Lecturers</b>
AGS 597	Seminar I	1	84	11
AGS 598	Seminar II	1	84	11
AGP 599	Project	4	4	1
PBS 302	Basic Plant and Animal Genetics	3	1700	4
APH 202	Introduction to Animal Agriculture	3	3000	5

**2015/2016 Academic Session**

<b>Course Code</b>	<b>Course Title</b>	<b>Unit</b>	<b>Number of Students</b>	<b>Number of Lecturers</b>
AGS 597	Seminar I	1	89	11
AGS 598	Seminar II	1	89	11
AGP 599	Project	4	10	1
PBS 302	Basic Plant and Animal Genetics	3	1779	4
ABG 500	Applied Animal Breeding and Genetics	3	515	2

**2016/2017 Academic Session**

<b>Course Code</b>	<b>Course Title</b>	<b>Unit</b>	<b>Number of Students</b>	<b>Number of Lecturers</b>
AGS 597	Seminar I	1	112	11
AGS 598	Seminar II	1	112	11
ABG 311	Applied Statistics and Animal Experimentation	3	440	4
AGP 599	Project	4	6	1
PBS 302	Basic Plant and Animal Genetics	3	1500	4
ABG 304	Quantitative Heredity in Animal Breeding	3	100	2

**B. Agric. Project Supervision**

1. 2013/2014 Academic Session: Successfully supervised two (2) final year students' projects.

2. 2014/2015 Academic Session: Successfully supervised four (4) final year students' projects.
3. 2015/2016 Academic Session: Successfully supervised ten (10) final year students' projects.
4. 2016/2017 Academic Session: Supervising six (6) final year students' projects.

#### **04. SPECIAL ASSIGNMENT/COMMUNITY SERVICE**

- (i) **Member**, College Board of Animal Science and Livestock Production, Federal University of Agriculture, Abeokuta. 2014 till date.
- (ii) **Level Adviser**, Department of Animal Breeding and Genetics, Federal University of Agriculture, Abeokuta. 2015 till date.
- (iii) **Departmental Part-time Degree Programme Coordinator**, Department of Animal Breeding and Genetics, Federal University of Agriculture, Abeokuta. 2014 till date.
- (iv) **Resource person**, Bioinformatics training organized by Biotechnology Centre, Federal University of Agriculture, Abeokuta. December 15 - 19, 2014.
- (v) **Member**, Local organizing committee, 41<sup>st</sup> Annual Conference of the Nigerian Society for Animal Production (NSAP) held at Federal University of Agriculture, Abeokuta, Ogun State, Nigeria. March 20 – 24, 2016.
- (vi) **Member**, Ifedayo Rolu Community Development Association, Kangudu Aregbe, Abeokuta. 2012 till date.
- (vii) **Head of Unit**, Human Resources and Administrative Department, Dayspring Chapel, An arm of Victory Life Bible church, Abeokuta. 2014 till date.

#### **05. TRAINING PROGRAMMES ATTENDED**

- 1) **Ethics of examination and invigilation**. Federal University of Agriculture, Abeokuta. A workshop organised by Time Table and Examination Committee, Federal University of Agriculture, Abeokuta. August 25, 2014.
- 2) **Academic ethics and principles of ASUU**. Federal University of Agriculture, Abeokuta. A workshop organised by ASUU-UNAAB. January 21, 2015.
- 3) **Use of electronic teaching and learning platform**. Federal University of Agriculture, Abeokuta. A training organised by FUNAAB ICTREC. October 21-23, 2015.

- 4) **Modern methods of teaching and learning in higher education.** Federal University of Agriculture, Abeokuta. A capacity building workshop organised by FUNAABCISLT. January 25 - 26, 2016.
- 5) **Agricultural information systems development.** Federal University of Agriculture, Abeokuta. A capacity building workshop organised by World Bank Africa Centre of Excellence in Agricultural Development and Sustainable Environment. June 29 - July 1, 2016.
- 6) **Advanced techniques in poultry nutrition research.** Federal University of Agriculture, Abeokuta. An international short course organised by World Bank Africa Centre of Excellence in Agricultural Development and Sustainable Environment. February 13 - February 16, 2017.

## **06. COMMENDATION**

Nil

## **07. MEMBERSHIP OF PROFESSIONAL BODIES**

1. Member, World Poultry Science Association, Nigerian Branch
2. Member, Genetics Society of Nigeria

## **08. RESEARCH INTEREST OR COMMISSIONED PROJECTS**

### **(a) Research completed**

1. Identification and characterisation of single nucleotide polymorphisms in Melanocortin-1 Receptor: A colour-correlated gene in Nigerian Indigenous Turkey.
2. Molecular variation in Melanocortin-1 Receptor gene of white Nigerian indigenous and British United Turkeys.
3. Characterization of Interferon Gamma gene in Nigerian Indigenous and British United turkeys.
4. Maturing patterns of Nigerian indigenous turkeys and chickens.
5. Association of Toll-Like Receptor-4 gene with blood parameters in Nigerian Indigenous Turkey.

### **(b) Research in Progress**

1. A study on stop codon usage of genes in bovine chromosome 1.
2. Characterization of Cluster of Differentiation-4 gene in Nigerian indigenous chickens

3. Antibody response to Newcastle Disease in Nigerian indigenous chickens: Influence of genotype, sex and colour of body parts.
4. Characterization of Toll-Like Receptor-4 gene in Nigerian indigenous chickens
5. Application of genotyping by sequencing in analysing traits of economic importance in Nigerian indigenous turkeys and chickens.

## 09. PUBLICATIONS

### Project and Dissertation

1. **Durosaro, S.O.** (2010). Coat colour effect on water consumption and electrolyte balance among West African Dwarf sheep. B. Agric. Project. Department of Animal Breeding and Genetics, University of Agriculture, Abeokuta. 35 pp.
2. **Durosaro, S.O.** (2013). *In silico* characterization of bovine *Reprimo* gene: A positional candidate gene in cow fertility. M. Agric. Dissertation. Department of Animal Breeding and Genetics, Federal University of Agriculture, Abeokuta. 121 pp.

### (i) Journal Articles in Print

1. †**Durosaro, S.O.**, Ojo, A., Fadare, A.O., Olowofeso, O., Ilori, B.M., Osho, S.O., Ogunade, I.M. and Ozoje, M.O. (2013). Effect of Coat Colour on Water Intake and Feed Utilization of Intensively Reared West African Dwarf Sheep in the Humid Tropics. *Journal of Biology, Agriculture and Healthcare*. 3(19): 31-37. Published by International Institute for Science, Technology and Education, UNITED STATES OF AMERICA. Available online at: <http://www.iiste.org/Journals/index.php/JBAH/article/view/9774/9977>.
2. Sanda, A.J., Olowofeso, O., Adeleke, M.A., Oso, A.O., **Durosaro, S.O.** and Sanda, M.O. (2014). Comparative analyses of growth response and genetic parameter estimates of some quantitative traits in three broiler strains in South-West, Nigeria. *Nigerian Journal of Animal Production*. 41(2): 12-18. Published by Nigerian Society for Animal Production, NIGERIA.
3. \*Adebambo, A.O., Adeoye, R.A., Osikomaya, O.A., **Durosaro, S.O.**, Ilori,

- B.M., Sanda, A.J., Wheto M. and Adebambo, O.A. (2015). Frequencies of Some Morphological Features in Indigenous Chickens of South-Western Nigeria. *Nigerian Journal of Animal Production*. 42(1): 4-10. Published by Nigerian Society for Animal Production, NIGERIA.
4. \***Durosaro, S.O.**, Peters, S.O., Adebambo, A.O., Onagbesan, O.M., Sanda, A.J., Olowofeso, O., Osho, S.O. and Ozoje, M.O. (2015). Computational identification of fertility functions of bovine *Reprimo* gene. *Nigerian Journal of Animal Production*. 42(1): 19-28. Published by Nigerian Society for Animal Production, NIGERIA.
  5. \*Ilori, B.M., **Durosaro, S.O.**, Adebambo, A.O., Akano, K., Wheto, M., Ajibike, A.B. and Ozoje M.O. (2016). Genetic diversity of exon 3 of Toll-like receptor 4 in Nigerian indigenous turkey. *Nigerian Journal of Genetics*. 30: 86-93. Published by The Genetics Society of Nigeria, NIGERIA.
  6. \***Durosaro, S.O.**, Ilori, B.M., Sanda A.J., Onagbesan, O.M., Peters, S.O. and Ozoje, M.O. (2016). Mutational and Evolutionary Analyses of Bovine *Reprimo* Gene. *Nigerian Journal of Animal Production*. 43(1): 10-20. Published by Nigerian Society for Animal Production, NIGERIA.
  7. \*<sup>f</sup>Ilori, B.M., Wheto, M., **Durosaro, S.O.**, Akano, K., Adebambo, A.O. and Adebambo, O.A. (2016). Polymorphism of IGF-1 promoter and the UTR regions in Nigerian Locally adapted chickens. *Journal of Biology, Agriculture and Healthcare*. 6(10): 143-150. Published by International Institute for Science, Technology and Education, UNITED STATES OF AMERICA. Available online at: <http://www.iiste.org/Journals/index.php/JBAH/article/view/30596/31435>
  8. \*Ajibike, A.B., Ilori, B.M., Adegboyega, R.A., **Durosaro, S.O.**, Osinbowale, D.A., Akano, K. and Adebambo, A.O. (2016). Bottleneck and genetic diversity of Nigerian goat populations based on microsatellite markers. *Nigerian Journal of Genetics*. 31: 22-31. Published by The Genetics Society of Nigeria, NIGERIA.



9. \*<sup>f</sup>**Durosaro, S.O.**, Ilori, B.M., Raheem, K.O., Adenaike, A.S., Olowofeso, O., Adebambo, A.O., Ajibike, A.B. and Ozoje, M.O. (2016). Genetic parameter estimates for growth traits at different ages in Nigerian indigenous turkeys. *Bulletin of Animal Health and Production in Africa*. 64(3): 307-318. Published by Inter-African Bureau for Animal Resources, KENYA. Available online at: [www.au-ibar.org/component/jdownloads/finish/14/2978](http://www.au-ibar.org/component/jdownloads/finish/14/2978).
10. \***Durosaro, S.O.**, Taiwo, O.T., Sanda, A.J., Wheto, M., Ilori, B.M., Adebambo, A.O. and Ozoje, M.O. (2016). Comparison of non-linear growth models in describing the growth curve of Nigerian indigenous turkeys. *Nigerian Journal of Genetics*. 31: 102-109. Published by The Genetics Society of Nigeria, NIGERIA.

**(ii) Journal Article Accepted for publication**

11. \*<sup>f</sup>Ajibike, A.B., Ilori, B.M., Awotunde, E.O., Adegboyega, R.A., Osinbowale, D.A., Bemji, M.N., **Durosaro, S.O.** and Adebambo, A.O. Genetic diversity and effect of selection at the mitochondrial hypervariable region in major Nigerian goat breeds. *Asian-Australasian Journal of Animal Science*. Published by Asian-Australasian Association of Animal Production Societies, KOREA. (Letter of Acceptance dated January 6, 2016).

**(iii)Book**

Nil

**(iv)Chapter in Book**

12. Olowofeso, O., **Durosaro, S. O.**, Ozoje, M. O., Ikeobi, C. O. N., Adebambo, O. A., Omeje, S. S. I., Adeleke, M. A., Adebambo, A. O., Bemji, M. N. and Sanda, A. J. (2013). Animal breeding in Nigeria: current challenges and future prospects. In *Animal Breeding and Feeding in Nigeria: Occasional Scientific Publications for Nigeria's Agricultural Transformation Agenda*. Chapter 3(1): 96-102. Published by University of Nigeria, Nsukka, NIGERIA. ISBN: 978-978-8446-32-3. 360pp.

**(v) Edited Conference Proceedings**

13. Olamide A. Adenuga, Adenaike, A.S., Wheto, M., Amusan, S.A., **Durosaro, S.O.**, Oluwabukola D. Adenaike, Peters, S.O. and Ikeobi, C.O.N. (2012). Sequence Analysis of Major Histocompatibility Complex Class II *DRB I* and *II* genes in Domestic Animals. *Proceedings of the 17<sup>th</sup> Annual Conference of Animal Science Association of Nigeria (ASAN)*, G.N. Akpa, F.A.S. Dairo, G.S. Bawa, I.P. Solomon, K.U. Amaefuele, A.A. Odunsi and A.O. Ladokun (Eds.) 41-43. Published by ASAN
14. Adenaike, A.S., Adenuga, O.A., **Durosaro, S.O.**, Adenaike, O.D., Peters, S.O. and Ikeobi, C.O.N. (2012). Identification and Analysis of Single Nucleotide Polymorphisms and Insertions/Deletions in Expressed Sequence Tag of Chicken *Zyxin* and *TNFRSF1A* genes. *Proceedings of the 17<sup>th</sup> Annual Conference of Animal Science Association of Nigeria (ASAN)*, G.N. Akpa, F.A.S. Dairo, G.S. Bawa, I.P. Solomon, K.U. Amaefuele, A.A. Odunsi and A.O. Ladokun (Eds.). 44-47. Published by ASAN
15. Wheto, M., Adebambo, O. A., S. O. Peters, **S. O. Durosaro**, A. S. Adenaike, S. A. Amusan, R. A. Lawal and C. O. N. Ikeobi. (2012). Effect of genotype and sex on the carcass characteristics of improved local chicken for meat production. *Proceedings of the 36<sup>th</sup> Annual Conference of Genetic Society of Nigeria (GSN)*, E.A. Uyoh, G.A. Iwo, B. Okon, M.A. Ittah, L.A. Ibom, H. Etta and O. Udensi (Eds.). 10-13. Published by GSN.
16. **Durosaro, S. O.**, Adejumo, S. A., Ilori, B. M., Adenaike, A. S., Wheto, M., Amusan, S.A. and Ozoje, M. O. (2012). Effects of genotype and plumage colour on heat tolerance among turkeys in the first 20 weeks of life. *Proceedings of the 36<sup>th</sup> Annual Conference of Genetic Society of Nigeria (GSN)*, E.A. Uyoh, G.A. Iwo, B. Okon, M.A. Ittah, L.A. Ibom, H. Etta and O. Udensi (Eds.). 21-24. Published by GSN.
17. <sup>f</sup>Ozoje, M.O., **Durosaro, S.O.**, Esada, P.E., Sode, F.A. and Peters, S.O. (2014). Sequence analyses of bovine PAG-1 gene. *Proceedings of the 10<sup>th</sup> World Congress of Genetics Applied to Livestock Production (WCGALP)*. Published by WCGALP.

18. \*Iyanda, A.I., Iposu, S.O., Sogunle, O.M., Bello, K.O., Ogunsola, O.D., Ilori, B.M. and **Durosaro, S.O.** (2016). Carcass characteristics of rabbits as affected by different housing types in the tropics. *Proceedings of the 41<sup>st</sup> annual conference of Nigerian 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.). 351-354. Published by NSAP.
19. \*Wheto, M., Ilori, B.M., Akano, K., Adebambo, O.A., Ojoawo, H.O., **Durosaro, S.O.**, Sanda, A.J. and Adebambo, A.O. (2016). Effect of IGF1 gene polymorphism on carcass traits in improved Nigerian indigenous chicken. *Proceedings of the 41<sup>st</sup> annual conference of Nigerian 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.). 6-9. Published by NSAP.

\*Journal articles and conference proceedings added after upgrading to the post of Assistant Lecturer in 2014.

<sup>f</sup>Foreign journal articles and conference proceedings.

#### **(vi) Technical Reports**

Nil

### **10. MAJOR CONFERENCES ATTENDED WITH PAPERS READ**

- (i) 41<sup>st</sup> annual conference of the Nigerian Society for Animal production (NSAP) held at Federal University of Agriculture, Abeokuta, Ogun State, Nigeria. March 20-24, 2016.

Papers read:

- Effect of IGF1 gene polymorphism on carcass traits in improved Nigerian indigenous chicken.
- Carcass characteristics of rabbits as affected by different housing types in the tropics.

- (ii) 4<sup>th</sup> ASAN-NIAS Joint Annual Meeting, Ibadan, Oyo State, Nigeria. September 6-10, 2015.

**11. INFORMATION ON FELLOWSHIP, MASTER'S PROJECTS AND PhD THESIS SUPERVISED**

Nil

**12. EXTRA CURRICULAR ACTIVITIES**

Reading, watching films and football

**13. REFEREES**

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Signature

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Date