



## CURRICULUM VITAE

- I**
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|--------------------|--------------------------------------|
| (a) Name:          | Oyediran Olusegun <u>Oyebola</u>     |
| (b) Date of Birth: | 15 June, 1970                        |
| (c) Department:    | Aquaculture and Fisheries Management |
| (d) Faculty:       | Agriculture and Forestry             |

- II.**
- |                                 |                                    |
|---------------------------------|------------------------------------|
| (a) First Academic Appointment: | Assistant Lecturer (7 March, 2013) |
| (b) Present post (with date):   | Lecturer II (23 September, 2014)   |
| (c) Date of Last Promotion:     | Lecturer II (23 September, 2014 )  |

**III. University Education (with dates)**

University of Ibadan, Ibadan	(1992–1998)
University of Ibadan, Ibadan	(2000–2001)
University of Ibadan, Ibadan	(2010–2014)

**IV. Academic Qualification (with dates and granting bodies)**

B.Sc. Fisheries Management	(1998, University of Ibadan, Nigeria)
M.Sc. Fisheries Management,	(2001, University of Ibadan, Nigeria)
Ph.D. Fisheries Management,	(2014, University of Ibadan, Nigeria)

**V. Professional Qualification and Diploma (with date)**

National Diploma (General Agriculture), 1991, Federal College of Agriculture, Akure

**VI. Scholarships, Fellowships and Prizes (with dates) in respect of Undergraduate and Post graduate work only**

Publication Award, 2014, Postgraduate School, University of Ibadan, Ibadan

**VII Honours, Distinctions and Membership of Learned Societies**

(a) Honours and Distinctions

- (i) Early Career Award, 2014, Association of Commonwealth Universities, U.K.
- (ii) Tertiary Education Trust Fund (TETFUND), 2015, Institutional Based Research Grant

(b) Membership of Learned Societies

- (i) Member, Fisheries Society of Nigeria (FISON)
- (ii) Member, Biotechnology Society of Nigeria (BSN)
- (iii) Member, International Association for Genetics in Aquaculture (IAGA)
- (iii) Member, World Aquaculture Society (WAS)
- (iv) Member, Fish Habitat Network, USA

**VIII. Details of Teaching / Work Experience**

- (a) Teaching Assistant, General Studies Programme, University of Ibadan, (28 Oct. 2003 – 22 September, 2005)
- (b) Assistant Lecturer, Fisheries Unit, Department of Animal Production, College of Agricultural Sciences, Olabisi Onabanjo University. Ago-Iwoye, Ogun State, Nigeria (4 May, 2010 –Mar. 6, 2013)
- (c) Assistant Lecturer, Department of Aquaculture and Fisheries Management, , University of Ibadan (7 March, 2013 - 22 September, 2014)
- (d) Lecturer II, Department of Aquaculture and Fisheries Management, University of Ibadan (23 September, 2014 to date)

**Courses Taught**

i) Undergraduate Courses

	Units	Singly/Jointly
AFM 310: Fish Biology	2	J
AFM 315: Ichthyology	2	J
AFM 321: Elementary Seamanship and Navigation	2	J
AFM 324: Fish Adaptation and Physiology	2	J
AFM 325: Introductions to Fish Genetics and Breeding	2	J
AFM 422: Fisheries Recreational Planning and Interpretation	3	J
AFM 429: Aquatic Ecological Survey	3	J
AFM 510: Ornamental Fisheries and Aquaria Design	2	J

**J = Jointly**

(iii) Students' Project Supervision	Completed	In progress
B. Sc.	4	3

**Participation in University Administration**

- (a) Assistant Coordinator, Practical Year Training Programme (PYTP) for the Aquaculture and Fisheries Management Program (2013 - 2016)

- (b) Member of the Faculty of Agriculture and Forestry Committee on Practical Year Training Programme (2014 - 2016)
- (c) Member of the Faculty of Agriculture and Forestry's Organising Sub-Committee on Practical Year Training Programme (2014 - 2016)
- (d) Member of the Faculty of Agriculture and Forestry's ad-hoc Committee on Workshops, Seminars and Trainings (2015)

## IX. Research

### (a) Completed

- (i) Genetic and nutrient variability of *Parachanna obscura* in freshwater and brackish water environments in Nigeria.
- (ii) Genetic Diversity of Freshwater Prawn population in Asejire Lake, Nigeria.
- (iii) Genetic Diversity of Freshwater Prawn population in Ogun River, Lafenwa, Nigeria.
- (iv) Assessment of Morphology and Molecular (SDS PAGE) Characteristics of Inbred and Crossbred Lines of Pectoral Spine Variants of *Clarias gariepinus* (Burchell, 1822).

### (b) In Progress

- (i) Development of *Clarias gariepinus* Juvenile of Improved Economic Traits (Growth Rate, Survival and Disease Resistance) for Accelerated fish production in Nigeria

The project was set to explore selective breeding and crossbreeding techniques for production of *Clarias gariepinus* strain of improved aquaculture production traits. Growth rate, survival and disease tolerance potentials of the early life stage progeny of the inbreds and intra-specific cross-breds of the species have been investigated while production of their brooders, selection of brooders with superior production trait as well as development of molecular markers to aid their marker assisted selection is on-going.

- (ii) Assessment of Potentials of the Novel Chelipede Variants of Freshwater Prawn, *Macrobrachium vollenhovenii*

The research seeks to provide information on the aquaculture and food relevance of the discovered chelipede variants of the freshwater prawn, *M. vollenhovenii*. Proximate quality, amino acid profile and in-vitro digestibility of the variants have been documented, while development of facilities for larva production is on-going.

- (iii) Assessment of Genetic Structure of Fisheries Resources in Inland Lakes of Nigeria

The objective of the study is to assess the genetic status of the inland fisheries resources for enhanced management and conservation. The studies on fish cage installed and fish cage free lakes has revealed that cage installation encouraged mix-up of indigenous and exotic genotypes of tilapia, *Oreochromis niloticus* population in Oyan Lake. Studies on contributions of indices of climate change to the genetic structure are on-going.

(c) Projects, Dissertation and Thesis

(i) Oyebola O. O. (1997). Epizootiology of some Fish Farms in Oluyole Local Government, Oyo State. B. Sc. Project, Department of Wildlife and Fisheries Management, University of Ibadan, Nigeria. 65p

(ii) Oyebola O. O. (2001). Comparative Study of Genetically improved (Triploid) *Clarias gariepinus* (Burchell 1822) produced by cold shock at two different temperatures. M. Sc. Dissertation, Department of Wildlife and Fisheries Management, University of Ibadan, Nigeria, 85p

(iii) Oyebola, O. O. (2014). Assessment of Genetic Structure of *Clarias gariepinus*, Burchell, 1822 Population in Asejire Lake, Ph.D. Thesis, University of Ibadan, Nigeria, 292p

**X. Publications:**

(a) Books already published: Nil

(b) Chapters in Books already published

(1) Osho, E. F., Jenyo-Oni, A. and **Oyebola, O. O.** (2013). Waste Processing and Management under Integration of Fish, Pig and Rice Production, In: Omitoyin, B.O.; Ajani, E.K. and Akinwole, A.O. (eds.), *Integrated Fish Farming: Fish, Rice and Pig*. 62 – 68. ISBN: 978 – 978 – 31064 – 6 - 1.

(c) Articles in Refereed Conference Proceedings:

(2) Olapade, O. A., **Oyebola, O. O.**, and Sanwo, S. K. (2011). Effects of Different Cooking Methods on the Proximate Composition of Frozen Mackerel (*Scomber scombrus*), Adukwu, A. O., Oluwagbemi, T., Aribido, S. O., Daikwo, S. I. and Saliu, O. J. (eds), Proceedings of the 16<sup>th</sup> Annual Conference of the Animal Science Association of Nigeria (ASAN), 12 - 15 September, 2011., K.S.U., Anyigba, Nigeria. 115 - 117

(3) **Oyebola, O. O** and Akinyele, A. O. (2014). Spatial characteristics of physic-chemical parameters of a reservoir adjoined by degraded watershed forests. In: Parrotta, J. A, Moser, C. F., Scherzer, A. J., Koerth, N. E. and Lederle, D. R. (eds.), Proceedings of the XXIV World Congress, International Union of Forest Research Organizations (IUFRO, 2014), Salt Lake City, Utah, USA. October 05 - October 11, 2014.

(e) Articles in Learned Journal:

(4) Ajani, E. K. and **Oyebola, O. O.** (2010). Growth Performance of Blue mussel (*Mytilus edulis*) in Ofiki River, Oyo State. *African Journal of Livestock Extension*, Vol. 8: 40 - 46.

(5) Ajani E.K., **Oyebola O.O.** and Setufe S.B. **2010**. Effects of crowding stress on growth performance and carcass quality of Juvenile African catfish (*Clarias gariepinus*) fed varying crude protein levels. *African Journal of Livestock Extension*, Vol. 8: 67 - 71.

- (6) Omitoyin, B. O., Ajani, E. K. and **Oyebola, O.O.** (2011). Cold Shocking at 5<sup>0</sup>C and 7<sup>0</sup>C in Triploid Production: Effects on Embryonic Development, Hatchability and Fry Performance in *Clarias gariepinus*. *African Journal of Livestock Extension*, Vol. 9: 13 - 18.
- (7) **Oyebola, O. O.**, Omitoyin, B. O., Salako, A. E., Ajani, E. K. and Awodiran, M. O. (2013). Genetic and Biochemical differentiation of pectoral spine variants in *Clarias gariepinus*. *International Journal of Modern Biological Research*, Vol. 1; 8 - 14.
- (8) **Oyebola, O. O.**, Omitoyin, B. O., Salako, A. E., Ajani, E. K, and Awodiran, M. O. (2013). Genetic differentiation and inheritance of randomly amplified polymorphic DNA (RAPD) markers in pectoral spine phenotypic sub-groups of *Clarias gariepinus*. *African Journal of Biotechnology*, Vol. 12, No. 37: 5567-5576.
- (9) Somaiah, K., Satish, P. V. V., Sunita, K., Nagaraju, B., and **Oyebola, O. O.** (2014). Toxic impact of phenthoate on protein and glycogen levels in certain tissues of Indian major carp, *Labeo rohita* (Hamilton). *IOSR Journal of Environmental Science, Toxicology and Food Technology*, Vol. 8, No. 9: 65 - 73.
- (10) Awodiran, M. O., Majolagbe, F. A., Komolafe, O. O., Adewumi, A. A., **Oyebola, O. O.** and Oyewole, R. O. (2014). Cytogenetic study and serum protein characterization of *Clarias gariepinus* (Burchell, 1822) and *Heterobranchus bidorsalis* (Geoffroy Saint Hillaire, 1809) in South western Nigeria. *International Journal of Biological and Chemical Science*, 8(6): 2377 - 2386.
- (11) Ajani, E. K., Setufe, S. B. and **Oyebola, O. O.** (2015). Effects of stocking density on hematological functions of Juvenile African catfish (*Clarias gariepinus*) fed varying crude protein levels. *African Journal of Food Science*, Vol. 9, No. 2: 65 - 69.
- (12) **Oyebola, O. O.**, and Ogunfowora, O. O. (2015). Challenges to effective fishing and preferred fishing gear in a hydrodynamic fresh-water system. *Continental Journal of Biological Sciences*, Vol. 8, No. 1: 24 - 33.
- (13) **Oyebola, O. O.**, Kajopaye, A. K. and Awodiran, M. O. (2015): Genetic and Biochemical Basis of Growth Variation in Bred *Clarias gariepinus* (Burchell, 1822). *Academic Research Journal of Agricultural Science and Research*, Vol. 3, No. 6:111 - 120.

#### **XI. Major Conferences Attended with papers read**

26<sup>th</sup> Annual National Conference of the Biotechnology Society of Nigeria, National Biotechnology Development Agency, (NABDA) Abuja, Nigeria, 26 - 30 August, 2013.

Paper read: *Genetic and Biochemical basis of Growth Variation in Bred Clarias gariepinus (Burchell, 1822)*

Humboldt Conference (Humboldt-Kolleg), Osun State University, Osogbo, Nigeria, 2 - 7 August, 2015.

Paper read: *Aquaculture of Freshwater Prawns, Macrobrachium vollehovenii (Palaemonidae) for Enhanced Food Security: Broodstock Distribution, Genotypes and Larva Production Technology.*

