

## CURRICULUM VITAE



**Name:** Flora Eyibio OLAIFA  
**Date of Birth:** 19 May, 1962  
**Department:** Aquaculture and Fisheries Management  
**Faculty:** Agriculture and Forestry

**II(a)** First Academic Appointment: Assistant Lecturer (8 September, 1997)  
**(b)** Present Post (with date): Senior Lecturer (1 October, 2008)

### **III University Education (with Dates):**

University of Ibadan 1981-1986  
University of Ibadan 1995-1997  
University of Ibadan 1997-2004

### **IV Academic Qualifications (with dates and granting bodies):**

B.Sc. Agriculture (Animal Science) 1981-1986  
M.Sc. Animal Science (Agricultural Biochemistry & Nutrition option) 1995 -1997  
Ph.D. Fisheries Management 1997- 2004

### **V Professional Qualifications and Diplomas (with dates):**

Certificate of Training in Participatory Fisheries Management (2005)  
Certificate of training on Trans-boundary Fisheries Governance (2010)

### **VI Scholarships, Fellowships and Prizes with dates in respect of undergraduate and postgraduate work only):**

Cross River State Bursary Award, 1984/85 Session

### **VII Honours, Distinctions and Memberships of Learned Societies:**

- a) Member, Organization for Women in Science for the Developing World (OWSD)
- b) Member, Gender, Science and Technology (GASAT)
- c) Member, Animal Science Association of Nigeria
- d) Member, Fisheries Society of Nigeria
- e) Member, Society of Toxicology
- f) Member, Society of Conservation Biology
- g) Netherlands Fellowship Programme (NUFFIC, 2005) to attend a "Training ProgrammetowardsParticipatory Fisheries Management" at the International

Agricultural Centre, Wageningen, the Netherlands from 3<sup>rd</sup> October to 19<sup>th</sup> November, 2005.

- h) MacArthur-sponsored Training for Staff in Information and Communication Technology, University of Ibadan (February and March, 2009).
- i) Netherlands Fellowship Programme (NUFFIC, 2010) to attend "A Refresher Course on Trans boundary Fisheries Governance" in Naivasha, Kenya from 11<sup>th</sup> to 23<sup>rd</sup> April, 2010.
- j) Visiting Senior Lecturer, Njala University, Sierra Leone March 2012 to February 2013.

### VIII Details of Teaching Experience at University Level

- a) Assistant Lecturer, University of Ibadan 1997- 2000
- b) Lecturer II, University of Ibadan 2000-2003
- c) Lecturer I, University of Ibadan 2003- 2008
- d) Senior Lecturer, University of Ibadan 2008 to date

#### Courses I Teach Include The Following:

##### i. Undergraduate Courses: Units

WFM 312	Metabolic Interrelationships in Fish and Wildlife	1997 to Date	3	J
FIS 527	Water Quality Management and Pollution Control	1998 to date	2	J
FIS 452	Analytical Techniques in Fisheries Management	1997 to date	3	J
FIS 529	Nigerian Feeds and Feeding stuffs	1997 to date	2	J
FIS 526	Fisheries Technology, Processing and Storage	2001-date	2	J
FIS 326	Limnology		2	J

##### ii. Postgraduate Courses:

BDM 719	Ecotoxicology in Biodiversity Management		2	J
BDM 720	Limnology of Aquatic Habitats		2	J
FIS 717	Limnological Methods		3	J

J = Jointly taught

##### (iii) Students' Supervision: Completed

Diploma (Lab. Tech.)	5	--
B.Sc	13	-

##### In-Progress

PGD	1	-
M.Sc	4	-
Ph.D	-	4

**(iv) Administrative Experience:**

- |     |  |           |
|-----|--|-----------|
| (a) | Departmental Examination/Undergraduate Coordinator | 1997-1998 |
| (b) | Departmental Examination/Undergraduate Coordinator | 2008-2011 |

## **1X Research:**

### **(a) Completed:**

- i. Effects of spilled petroleum on Cross River and Akwa Ibom water, sediments and fisheries. This study involved the quarterly sampling of water, sediment and fish for physicochemical properties, heavy metals and total hydrocarbon for two years.
- ii. An Assessment of the effects of brewery effluents on a river in Ibadan, Oyo State. This study was carried out quarterly for two years to assess the physicochemical characteristics of Majawe River which received effluents from a major brewery in Ibadan for two years.

### **(b) In Progress:**

- i. Physicochemical Studies of Awba and Eleiyele Lakes in Ibadan. Water, fish samples were analyzed for physicochemical characteristics and heavy metals over a 5-year period starting from 2010.
- ii. Potentials of crop residues and under-utilized plants in the nutrition of *Clarias gariepinus*. Several crop residues are still being tested for their anti nutritional factors and possible use in the diet of *Clarias gariepinus*.
- iii. Phytoremediation of water contaminated by heavy metals and oils using bracken fern (*Pteridium aquilinum*). Phytoremediation of zinc, nickel, lead and other heavy metals are being tested using biostimulants, without biostimulants and *Pteridium aquilinum* (bracken fern)

### **Dissertation and Thesis:**

Impact of Oil Spillage on the Fisheries Resources of Cross River and Akwa Ibom States, Nigeria. PhD Thesis, University of Ibadan (2004)

### **XPublications:**

#### **(a) Books already published:**

1. Akintomide, O.T., Ahmed, R., Obahie, I.A., **Olaiya, F.E.** (2008). Fish Nutrition and the Economic Way To Feeding Fish, 134 pages. ISBN 978-36640-2-X, OAK Ventures. **Nigeria(25%)**.

#### **(b) Chapters in Books already published:**

- 2(a) **Olaiya, F.E.**, Amamdikwa, I.M. and Bello, O.S. (2012). Growth Performance of *Clarias gariepinus* juveniles on cocoa pod husk-supplemented diets. In: Jekayinfa, S. (Ed).

The Potential of value-Added Products from agricultural residues. Published by Alexandervon Humboldt Stiftung Foundation, Bonn, Germany, Pp 247-253.

2(b)**Olaifa, F.E.**, Oladapo, A.O. and Bello, O.S.(2012). Assessment of Performance of *Clarias gariepinus* juveniles on Diets Supplemented with kola pod husks (*Kola nitida*). In: Jekayinfa, S. (Ed.). The Potential of Value-Added Products from agricultural residues. Published by Alexander von Humboldt Stiftung Foundation, Bonn, Germany, Pp 255-260.

(c) **Articles that have already appeared in refereed Conference Proceedings:** Nil

(d) **Patents:** Nil

(e) **Articles that have appeared in Learned Journals:**

3. Olaifa, A.K., Onwuka, S.K., Oyeyemi, M.O., **Olaifa, F. E.**, Utho, O. A., Adewoye, E.O.(2000). Bilateral Orchidectomy in West African Dwarf goats: Effects on Blood Electrolyte Levels. African Journal of Biomedical Research Volume 3: 57-60.
4. **Olaifa, F. E.**, Olaifa, A.K. and Lameed, G.A. (2001). Crude oil, Women and the environment: A case study of Delta State of Nigeria. Journal of Environmental Extension Volume2: 65-70.
- 5.**Olaifa, F.E.**, Olaifa, A.K., Lewis, O.O. (2003).Toxic Stress of Lead on *Clarias gariepinus*(African catfish) fingerlings. African Journal of Biomedical Research, Volume 6: 101-104.
6. **Olaifa, F. E.**, Olaifa, A.K. and Onwude, T.E. (2004). Lethal and Sub Lethal Effects of Copper on the African catfish, *Clarias gariepinus* juveniles. African Journal of Biomedical Research, volume 7(2): 65-70.**Nigeria (50%)**
- 7.**Olaifa, F.E.**,Olaifa, A.K., Adelaja, A.A., Owolabi, A.G. (2004). Heavy Metal Contamination of *Clarias gariepinus* from a Lake and Fish Farm in Ibadan. African Journal of Biomedical Research, Volume 7: 145-148.
- 8.**Olaifa, F.E.** and Ayodele, I.A. (2004).Presence of Hydrocarbons and Heavy metals in some fish species in the Cross River, Nigeria. African Journal of Livestock Extension,Volume 3: 90-95.

9. **Olaiya, F.E.** and Leilei, K.E.(2004). Water and Sediment Qualities of Ekole River in Bayelsa State, Nigeria. Journal of Tropical Forest Resources Volume 20:46-55.
10. **Olaiya, F.E.** (2005). Assessment of Toxicological impact of a light crude oil on *Clarias gariepinus* (Burchell, 1822) fingerlings. African Journal of Livestock Extension, Volume 4: 42-46.
11. **Olaiya, F.E.** (2005-2006). Hydrocarbon and heavy metal pollution of water and sediments. Journal of Environmental Systems (Special Issue) Vol.32(1): 27-36.
12. **Olaiya, F.E.** (2006).Physico-chemical Characteristics of Cross River and Coastal areas of Cross River and AkwaIbom States, Nigeria. Journal of Tropical Forest Resources, Volume 22: 53-63
13. **Olaiya, F.E.** and Leilei, K.E.(2007). A study of the plankton and benthos of Ekole River in Bayelsa State, Nigeria. Asset(Series A-Agricultural Science and Environment), Volume 7(1): 144-150.
14. **Olaiya, F.E,** Hamzat, R.A. and Oyetoyan, O.O. (2008). Acute Toxicity of Ethanol Extracts of Cocoa Bean Shell on *Sarotherodon galilaeus* Juveniles. Journal of Fisheries International 3(3):56-60.
15. **Olaiya, F.E.**and Bello, O.S. (2011). Effect of Differently Processed African Yam Beans *Sphenostylis stenocarpa* Harms on Performance of African catfish *Clarias gariepinus* juveniles. Israeli Journal of Aquaculture, Bamidgeh, Volume IIC 63: 595-601. **Israel(60 %).**
16. Bello, O. S, **Olaiya, F. E** and Emikpe, B. O.(2012). The Effect of Walnut (*Tetracarpidium conophorum*) leaf and onion (*Allium cepa*) bulb residues on the growth performance and nutrient utilization of *Clarias gariepinus* juveniles. Journal of Agricultural Science, 4 (12): 205-213.

17. **Olaifa, F.E.,** Ajayi, I.A., Taiwo, V.O., Bello, O.S. (2012). Growth Response and Nutrient Utilization of *Clariasgariepinus* on Feeds Supplemented with African Oil Bean (*Pentaclethramacrophylla* Benth.) Seed Residues. FOOD 6 (1): 44-48.
  
18. Bello, O.S., Emikpe, B.O. and **Olaifa, F.E.** (2012). The body weight changes and gut morphometry of *Clariasgariepinus* juveniles on feeds supplemented with walnut (*Tetracarpidiumconophorum*) leaf and Onion (*Allium cepa*) residues. International Journal of Morphology (Revista Internacional de Morfologia), 30 (1): 253-257.
  
19. Bello, O.S., **Olaifa, F.E.,** Emikpe, B.O., Ogunbanwo, S.T. (2012). The Effect of Walnut (*TetracarpidiumConophorum*) Leaf and Onion (*Allium cepa*) Bulb Residues on the Tissue Bacteriological Changes of *Clariasgariepinus* Juveniles. Bulletin of Animal Health and Production in Africa, Volume 60 (2): 205-212.
  
20. Bello, O.S., Emikpe, B.O. and **Olaifa, F.E.** (2012). The protective Effect of walnut (*Tetracarpidiumconophorum* leaf and onion (*Allium cepa*) bulb residues on the experimental pseudomonas aeruginosa infection in *Clariasgariepinus* juveniles. Bulletin of Animal Health and Production in Africa, Volume 60 (4): 511-519.
  
21. **Olaifa, F.E.** (2012). Bioassay using the water soluble fraction of a Nigerian Light crude oil on *Clariasgariepinus* fingerlings. Nigerian Journal of Physiological Sciences, Volume 27:181-187.
  
22. Ajayi, I.A., **Olaifa, F.E.,** Olawale, A.A. and Adeyemo, A.J.(2013). Chemical and nutritional assessment of fluted pumpkin (*Telfairiaoccidentalis* Hook F.) seed residue fed to African catfish (*Clariasgariepinus*) at graded inclusion levels. Croatian Journal of Food Technology, Biotechnology and Nutrition 8(1-2): 7-13.
  
23. Ajayi, I.A., **Olaifa, F.E.** and Omoniyi, M. M. (2013). Chemical Analysis and nutritional assessment of defatted *Garciniamangostana* seeds used as an additive in the feed of fish (*Clariasgariepinus*). Global Journals of Science Frontier Research B: Chemistry, Volume 13(2B):38-48.

24. Bello O. S., **Olaifa F. E.**, Emikpe B. O. and Ogunbanwo S. T. (2013). Potentials walnut (*Tetracarpidium conophorum* Mull. Arg) leaf and onion (*Allium cepa* Linn) bulb extracts as antimicrobial agents for fish. African Journal of Microbiology Research, 7(19): 2027- 2033.

**(f) Books, Chapters in Books and Articles Already Accepted for Publication:**

25. **Olaifa, F.E.** and Omekam, J.A. (Accepted on 25<sup>th</sup> January, 2013). Studies on Phytoremediation of copper using *Pteridium aquilinum* (bracken fern) in the presence of biostimulants and bioassay using *Clarias gariepinus* juveniles. International Journal of Phytoremediation 16: 219-234. Accepted Version posted online on 8<sup>th</sup> July, 2013.

26. **Olaifa, F.E.**, Ajayi, I.A. and Idris O. Raji. Chemical Analysis and nutritional Assessment of *Arthocarpus heterophyllus* Lam. (Jackfruit) defatted seeds as an additive for *Clarias gariepinus* post juveniles. Journal of American Science, Volume 9(8).

27. Bello, O.S., Olaifa, A.K., Emikpe, B.O., **Olaifa, F.E.** Investigation into the healing properties of walnut (*Tetracarpidium conophorum*) leaf and onion (*Allium cepa*) bulb residues in *Clarias gariepinus*. Accepted for publication on 15<sup>th</sup> May, 2013 for publication in Archivos de Medicina Veterinaria (Archives of Veterinary Medicine), Volume 45.

**(g) Technical Reports and /or Monographs:**

28. **Olaifa, F.E.** (2009). Environmental Considerations, Legal Issues and other problems of Cage culture of fish. Capacity Building workshop on fish cage and Pen Culture in inland waters of Nigeria. Training Resource Materials, Federal Department of Fisheries, Abuja in Conjunction with the University of Ibadan Ventures Limited, Pp 74-86.



Flora E. Olaifa (PhD)