**CURRICULUM VITAE**

**Dr. TIAMIYU Adebisi Musefiu (Lecturer)**

**Department of Biological Sciences, University of Medical Sciences**

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**CORRESPONDENCE DETAILS**

**Current Contact Address**: Department of Biological Scienes, Faculty of Science, University of Medical Sciences

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**PERSONAL INFORMATION**

**Name**: TIAMIYU Adebisi Musefiu

**Date of Birth:**  December 31st, 1969

**Place of Birth**: Apomu / Osun State

**Age:** 52

**Sex:** Male

**Marital Status**: Married

**Number of Children/Ages**: Three (3)/ 21, 19 and 16.

**Local Govt. Area**: Isokan

**State of Origin:** Osun

**Nationality**: Nigerian

**Qualification:**  DVM, MVPH, Ph. D

**INSTITUTIONS ATTENDED WITH DATES**

a) University of Ibadan, Ibadan 2014 – 2019

b) University of Ibadan, Ibadan 2008 – 2010

c) University of Ibadan, Ibadan 1986 – 1992

d) African Church Grammar School,

Apomu, Osun State. 1981 - 1985

**ACADEMIC QUALIFICATION WITH DATES**

a) Doctor of Philosophy (**PhD**) 2014 - 2019

b) Master of Veterinary public Health (**MVPH**) 2008 - 2010

c) Doctor of Veterinary Medicine **(DVM**) 1986 - 1992

d) General Certificate of Education (**GCE)** 1981 - 1985

**SCHOLARSHIPS, FELLOWSHIPS AND PRIZES (WITH DATES) IN RESPECT OF UNDERGRADUATE AND POSTGRADUATE WORK ONLY**

1. Prof. D. H Hill Best Student in Veterinary Surgery and Reproduction,

University of Ibadan. 1992 b) Prof. D. H. Hill Best Student in Veterinary Public Health and Preventive Medicine,

University of Ibadan, Ibadan. 1992.

**HONOURS AND DISTINCTIONS AND MEMBERSHIP OF LEARNED SOCIETIES**

1. Distinction (**MVPH** degree, 2010)
2. Registered with Veterinary Council of Nigeria as Veterinary Surgeon

(Reg.no **VCN 2249**).

1. Member, Nigerian Veterinary Medical Association
2. Member, Nigerian Bioinformatics and Genomics Network

**AREA OF SPECIALIZATION**

Biological Hazards: Aqua-toxicity, Food Safety and Environmental Health

**CAREER OBJECTIVE**

My career objective is to research on tackling of Antimicrobial resistance (AMR) and antibiotic residue in food animals; promote heath care of animals and humans; improve food, water quality and nutritional security and reduce poverty in our societies.

**LANGUAGES LEARNT/SPOKEN**

English (Advanced, written and spoken), Yoruba (Mother tongue)

**RESEARCH INTEREST**

Focus in the area of aqua toxicity, water analysis, food safety, antibiotic resistance and medicinal plants that can be used instead of synthetic chemicals in aquatic and terrestrial animals for growth promotion, prevention and control of bacterial infection. Bioactivity and phytopharmaceutical evaluation of herbs and their natural products, Medicinal plants and Clinical trial. Emergence of antibiotic-resistant bacterial strains and antibiotics residue in food animal and water is of public health concern. Demand for safe food has prompted the search for useful herbal plants in animal industries.

**CODE WORDS OF FIELD OF SPECIALIZATION:**

Veterinary Clinicals, Veterinary Public Health, Water analysis, Medicinal plants, Phytopharmacology, Natural Products, Herbal Drugs, Phytochemistry, Bioactivity, Extraction and Isolation of bioaactives of medicinal plants. Clinical trials on feed formulations fortified with medicinal plants.

**PROFILE**

Dr. Adebisi Musefiu TIAMIYU graduated from the University of Ibadan's Faculty of Veterinary Medicine with a Doctor of Veterinary Medicine (DVM) in 1992, a Master of Veterinary Public Health (MVPH) in 2010, and a Doctor of Philosophy (PhD) in 2019. He is an animal health and aquaculture specialist with scientific and technical expertise in improved culture techniques of finfish. He has broad knowledge of water analysis. He is presently a Senior Lecturer at the Department of Biological Sciences, Faculty of Science, University of Medical Sciences, Ondo City, Nigeria. He has taught several general and specialized courses in animal and environmental biology, aquaculture, and fisheries at the undergraduate level, including statistics. His research focus is on biological hazards such as aqua-toxicity, food safety, and environmental health. He has some focus publications in the areas of aqua toxicity, food safety, antibiotic resistance, and medicinal plants used in fish for growth promotion, prevention, and control of bacterial infection. He is a registered and active member of the Nigeria Veterinary Medical Association (NVMA).

**HAND-ON EXPERTISE:**

* Veterinary medical equipment
* Veterinary clinical practices and protocols
* Water analysis kit and protocols
* Familiarity with some laboratory equipment (Microscope, pH meter, Homogenizer, Rotary evaporator, preparative, Chromatography instruments, Spectrophotometer, Autoclave, Microbiological Incubator, Quebec colony counter)

**DETAILS OF TEACHING/WORK EXPERIENCE**

1. **Non-Teaching Work Experience:**
2. NYSC, Veterinary Officer, Department of Agriculture,

Ministry of Federal Capital Territory (MFCT), Abuja. 1992–1993

1. Farm Manager, Ventana Farms (Nig) Limited, Ibafo, Ogun State. 1993- 1995
2. Clinician/Administrative Manager,

Apapa Agro Veterinary Services (Nig) Limited. 1995– 2002

1. Senior Veterinary Surgeon, Tamo Agro Veterinary Services,

2, Sobukola Street, Council- Idimu, Lagos. 2002 - 2012

1. Lecturer II

Department of Biological Sciences,

Southwestern University Nigeria, Okun –Owa, Ijebu-Ode,

Ogun State, Nigeria. 2012 - 2015

1. Lecturer II

Department of Biological Sciences,

University of Medical Sciences, Ondo City, Ondo State, Nigeria. 2015-Oct. 2018

1. Lecturer I

Department of Biological Sciences,

University of Medical Sciences, Ondo City, Ondo State, Nigeria. 2018 - Oct. 2021

1. Senior Lecturer

Department of Biological Sciences,

University of Medical Sciences, Ondo City, Ondo State, Nigeria. Oct. 2021- Date

1. **Teaching Work Experience:**

**Participated in teaching the following courses at the Undergraduate Level**

BIO 115: Animal Diversity 2012-2015

BIO 116: Vertebrate Biology 2012-2015

BIO 212: Basic Principles of Biostatistics 2012-2015

BIO 214: Basic Chordate Zoology 2012-2015

BIO 215: Basic Invertebrate Zoology 2012-2015

BIO 315: Biological Techniques 2012-2015

GNS 212: Agriculture and Rural Life 2012-2015

MCB 315: Immunology and Immunochemistry 2012-2015

BIO 110: General Principles of Biology 1 2016-Date

BIO 120: General Principles of Biology 2 2016-Date

BIO 212: Biological Techniques 2017-Date

AEB 212: Higher Invertebrates 2017-2018

AEB 211: Invertebrate Zoology 2018- Date

AEB 221 Chordate Zoology 2018- Date

AEB 311: Vertebrate Zoology 2018 – Date

AEB 312: Comparative Animal Physiology 2018- Date

AEB 323: Principles of Development 2018 - Date

AEB 325: The Biology of Tropical Parasites 2018 - Date

BIO 313: Field Course 1 2018 – Date

BIO 314 General Ecology 2018 – Date

BIO 412 Field Course 2 2020 - Date

AEB 322 introductory hydrobiology 2019 – Date

AEB 324: Histology 2019 – Date

AEB 411: Applied Entomology 2019 - Date

AEB 412: Animal Behaviour 2019 – Date

AEB 421: Hydrobiology and Fisheries 2019 - Date

1. **Administrative Responsibilities:**

**Departmental/University Administrative Responsibilities undertaken**

1. Departmental Coordinator, Department of Biological Sciences, Southwestern University, Okun–Owa, Ijebu–Ode, Ogun State 2012- 2015
2. Examination Officer, Department of Biological Sciences, Southwestern University Nigeria, Okun–Owa, Ijebu–Ode, Ogun State. 2012-2015
3. Chairman, Social and Welfare committee, Southwestern University Nigeria,

Okun-Owa, Ijebu-Ode, Ogun State. 2013–2015

1. Member of Senate, Southwestern University Nigeria,

Okun–Owa, Ijebu–Ode, Ogun State. 2014-2015

1. Member of Student Disciplinary Committee, Southwestern University,

Okun–Owa, Ijebu–Ode, Ogun State. 2013-2015

1. Course coordinator (BIO 110 and 121- General Principles of Biology 1 & 2).

Dept. of Bio. Sciences University of Medical Sciences, Ondo State 2016 - 2020

1. Examination Officer, Department of Biological Sciences,

University of Medical Sciences, Ondo State. 2016– 2020

1. Member of Faculty of Science Research and proposal committee 2016-2018
2. Animal and Environmental Biology programme Coordinator, Department

of Biological Sciences, University of Medical Sciences, Ondo State 2020 – Date

x) Member of Departmental Welfare Committee 2016 – 2020

xi) Member of Departmental Laboratory Equipment Purchasing

and Maintenance Committee 2020 – Date

xii) Member of Departmental Strategic Planning Committee 2020 – Date

xiii) Member of Faculty of Science Fund Raising Committee 2020 – Date

**RESEARCH IN PROGRESS**

1. Evaluation of the Quality of Potable Underground Water in Ondo City, Southwest, Nigeria. The objective of the project is to examine the physico-chemical and microbiological attributes of water samples obtained within Ondo City community with aim of comparing them with the permissible levels of Nigeria standard for drinking water quality and WHO standards. The results will be disseminated to stakeholders for future use.
2. Microbiological Quality of Prawns Sold at Different Locations in Ijebu-Ode and her Environs, Southwest, Nigeria. The objective of the study is to examine the microbiological attributes of Prawns sold at different locations in Ijebu-Ode and her environs. Fish and shellfish not only transmit disease to man but are themselves subject to many foods borne microbial infections and intoxications. One of the major risks involved is the consumption of raw or undercooked prawns that may be naturally contaminated by food borne pathogens present in the environment. Such risk is further increased if the food is mishandled during processing where pathogens could multiply exponentially under favourable conditions.
3. Effects of Cypermerthrin on the haematological, biochemical parameters and histological changes in the organs of African Catfish (Clarias gariepinus, Burchell, 1822). The pilot study on the project had been carried out.

**PROJECT AND DISSERTATION**

1. **Tiamiyu, A. M. (1992**). Epizootiological Study of Aduloju Fish Farm at Ibadan North Local

Government Area of Oyo State with Special References to Diseases Prevention and Control.

D.V.M project. University of Ibadan. 60pp

1. **Tiamiyu, A. M.** (**2010**). Bacterial Flora of Wild and Cultured *Clarias gariepinus* (African

Catfish) and *Oreochromis niloticus* (Nile tilapia) and their Public Health Implications. MVPH Dissertation. University of Ibadan. 105pp

1. **Tiamiyu, A. M.** (**2019**). Feed Additive Potentials and Antibacterial Effects of *Allium Sativum, Chromolaena Odorata* And *Talinum Triangulare* Against *Pseudomonas Aeruginosa* Infection in *Clarias Gariepinus* Burchell, 1822 (PhD Thesis). University of Ibadan. 236pp

# PUBLICATIONS

**(a) Articles that have Already Appeared in Learned Journals:**

1. **Tiamiyu, A. M**, Olatoye, I. O, Okunlade, O. A, Ekundayo, T. C, Adedeji, O. B and Okocha, R. C. (**2021**). Medicinal plant feed additives enhanced survivability and growth performance of *Clarias gariepinus* (African catfish) against bacterial infection. *Microbiol. Res*, 12, 744 – 752.
2. **Tiamiyu A.M**., Adesina I.A. (**2021**). Benefits and risks of aquaculture foods in primary health care: a mini-review. *Journal of Food Quality and Hazards Control*. 8: 52-56.**DOI:** 10.18502/jfqhc.8.2.6468
3. Olatoye, I. O., Okocha, R. C., Oridupa, O. A., Nwishienyi, C. N., **Tiamiyu, A. M,** Adedeji O. B (**2021**). Atrazine in fish feed and African Catfish (*Clarias gariepinus*) from aquaculture farms in Southwestern, Nigeria. *Heliyon*,7, e06076.
4. Oyetunde Oyeyemi, Victoria Oladoyin, Oluyemi Okunlola, Akinola Mosobalaje,.., **Adebisi Tiamiyu** (**2021**). COVID-19 pandemic: Nigerians’ knowledge, perception and adherence to preventive measures. Research Square. DOI: https://doi.org/10.21203/rs.3.rs-49707/v1
5. **Tiamiyu, A. M** and Okunlade, O. A (**2020**). Benefits and detriments of Siam weed (*Chromolaena odorata*): A review. *Journal of Biochemistry and Biotechnology Research* Vol. 8(2), pp. 21-28.
6. **Tiamiyu A. M,** Olatoye I. O, Adedeji O. B. (**2019**). Study of Some Haematological and Serum Protein of African Catfish (*Clarias gariepinus*) Juveniles Fed with *Chromoleana odorata* as Feed Additives. *International Journal of Oceanography & Aquaculture*. Vol.3 (Iss.2): ISSN: 2577-4050: **DOI:** 10.23880/ijoac-16000167
7. Oyeyemi O.T, Oyeyemi, I.T, Adesina I. A, **Tiamiyu A. M**, Oluwafemi Y. D, Nwuba R. I, Grenfell R. F Q (**2019**). Toxoplasmosis in pregnancy: a neglected bane but a seriousthreat in Nigeria. *Parasitology* 1–8. https://doi.org/10.1017/S0031182019001525
8. **Tiamiyu A. M,** Olatoye I. O, Adedeji O. B. (**2019**). Blood Indices of African Catfish (*Clarias Gariepinus*) Following Dietary Administration of *Talinum Triangulare.* International Journal of Research – Granthaalayah. Vol.7 (Iss.4): ISSN- 2350-0530(O), ISSN- 2394-3629(P) DOI: 10.5281/zenodo.2653843
9. **Tiamiyu, Adebisi Musefiu** (**2018**). Growth Performance of the African Catfish, *Clarias Gariepinus*, Fed Varying Inclusion Levels of *Talinum Triangulare* as Feed Additives. *Biomedical journal of Scientific & Technical Research.* Vol.9 (Iss.3): DOI. 10.26717/BJSTR2018.09.001812
10. **Tiamiyu, A. M,** Adedeji, O. B and Olatoye, I. O. (**2017**). Growth Performance of the African catfish, *Clarias gariepinus*, Fed Varying Inclusion Levels of *Allium sativum* as Feed Additives. *American Journal of Biotechnology and* *Bioinformatics*, 1.1, 1-7 (ISSN:2575-999X)
11. **Tiamiyu, A. M. (2016).** Bacterial Flora of Wild and Cultured *Clarias gariepinus* (African Catfish) and their Public Health Implications. An InternationalJournal ofBiomedicine, Natural Products and Pharmacy, ISSN: 2313-7479 *Adv. Biomed. Pharma.* 3:1 (2016) 38-45[**http://dx.doi.org/10.19046/abp.v03i01.06**](http://dx.doi.org/10.19046/abp.v03i01.06)
12. **Tiamiyu, A. M**, Soladoye, M. O. (**2015**). Antibiotics Resistance in Bacteria Strains Isolated From Fish: Potential Health Risk. *Journal of Biology, Agriculture and Healthcare*, ISSN 2224-3208 (Paper) ISSN 2225-093X (Online) Vol 5. No.10.2015
13. **Tiamiyu, A. M**, Soladoye, M. O, Adegboyega, T. T, Adetona, M. O. (**2015**). Occurrence

and Antibiotic Sensitivity of Bacterial Strains Isolated from Nile Tilapia, *Oreochromis niloticus* Obtained in Ibadan, Southwest Nigeria.*Journal of Biosciences and Medicines*, **3**, 19-26. <http://dx.doi.org/10.4236/jbm.2015.35003>

1. **Tiamiyu, A. M**, Soladoye, M. O, Adegboyega, T.T, Adetona, M. O (**2014**). Sanitary and Bacteriological Studies of Different Aquatic Environments in Ibadan, Nigeria. *Journal of Food and Public Health* 2014,4(**3**):82-86 Doi:10:5923/j.fph.20140403.02
2. Emikpe, B. O, **Tiamiyu, A. M**, Adedeji, O. B (**2011**). Bacterial Load on the Skin and Stomach *of Clarias gariepinus* and *Oreochromis niloticus* from Ibadan, South West Nigeria: Public Health Implications. *Journal of Microbiol and Biotech, Res*.,1 (**1**):52-59
3. **Tiamiyu, A. M**, Emikpe, B. O, Adedeji, O. B. (**2011**). Isolation and Identification of Aerobic Flora of the Skin and Stomach of Wild and Cultured *Clarias gariepinus* and *Oreochromis niloticus* from Ibadan, South West Nigeria: *Journal of Applied Sciences Research* 7**(7**)’’1047-1051, 2011.
4. Adedeji, O. B, **Tiamiyu, A. M**, Emikpe, B. O. (**2011**). The Antibiotic Resistance Pattern of Bacteria Flora of Fish from Different Aquatic Environments from Ibadan, South West, Nigeria, *Journal of Environmental Biology*.5 (**8**):2039-2047, 2011

**MAJOR CONFERENCES AND WORKSHOP**

1. Third Nigerian Academy of Science (NAS) Annual Scientific Conference with the theme ‘Science and Technology Innovations for National Growth and Development held at at the Nigerian Air Force Conference Center & Suites, Abuja (January, 2022) **Paper** (Poster Presentation)
2. Capacity – building workshop on Budget Writing for Grant conducted by Central Office for Research and Development (CORD) held at University of Medical Sciences, Postgraduate School, Bolunduro, Ondo City (September, 2021).
3. Capacity – building workshop on pedagogy held at University of Medical Sciences, Ondo State (23rd-25th, November, 2021)
4. Second conference/workshop of the Nigerian Bioinformatics and Genomic Network (NBGN21) with the theme ‘Leveraging Bioinformatics and genomics for the attainment of the sustainable development goals’ held at Landmark University, Omu Aran, Kwara State, Nigeria (October 11-13, 2021).
5. Rethinking Malaria in the Context of Covid-19 (Webinar) (September 28-29, 2021).
6. Capacity – building workshop on Writing Proposal for Grant conducted by Central Office for Research and Development (CORD) held at University of Medical Sciences, Postgraduate School, GRA, Ondo City (September, 2021).
7. Short Course on Advanced Digital Appreciation Programme for Tertiary Institution (ADAPTI) for Statistical Package for Social Sciences under the Digital Bridge Institute (International Centre for Information and Communication Technology Studies) held in University of Medical Sciences, Ondo State (July, 2021)
8. Capacity – building workshop on Ethical issues in academia, research and publications held at University of Medical Sciences, Odosida Campus (May, 2021)
9. LAUTECH NANO 2020: Conference and workshop on Nanotechnology (Webinar) held at Ladoke Akintola University of Technology, Ogbomosho, Oyo State (October, 2020); Theme: Human and Existence and Resource Utilization: Extending the Frontiers through Nanotechnology.
10. Seminar on Strategies for impactful Research in a Resource – Constrained Environment in

the midst of Covid – 19 Pandemic. NYA Webinar Series 2.0 (August, 2020)

1. Workshop on students online examination held at University of Medical Sciences, Odosida Campus (August, 2020)
2. Workshop on introduction to Bioinformatics and its Applications in Biomedical Research organised by and held at University of Medical Sciences, Ondo City, in collaboration with the African Centre of Excellence in Genomics of Infectious Diseases (ACEGID) Redeemer’s University, Ede ( December, 2019)
3. Workshop on Strengthening Innovation Ecosystems in University in West and Central Africa held in University of Benin (April, 2019).
4. Short Course on Advanced Digital Appreciation Programme for Tertiary Institution (ADAPTT) for Statistical Package for Social Sciences under the digital Bridge Institute (International Centre for Information and Communication Technolology Studies) held in University of Medical Sciences, Ondo State (November, 2018).
5. 8th Nigeria Young Academy Conference and General Assembly held at University of Medical Sciences, Ondo City, Ondo State (August, 2018); Theme: ‘Multidisciplinary Research: A cornerstone for sustainable development. **Paper** (Poster Presentation)
6. Short Course on Advanced Digital Appreciation Programme for Tertiary Institution (ADAPTT) for Statistical Package for Social Sciences under the digital Bridge Institute (International Centre for Information and Communication Technolology Studies) held in University of Medical Sciences, Ondo State (November, 2017)
7. Short Course on Building Research Evidence for Effective Policy Transfer And Development Implementation, Literature Review, Systematic Analysis/Meta-Analysis, Journal/Thesis Writing held at university of Benin, Edo State, Nigeria (July, 2017).
8. Workshop on Pedagogy and integrated Medical and Dental Curriculum held in University of Medical Sciences, Ondo State (July, 2017).
9. Short Course on Advanced Digital Appreciation Programme for Tertiary Institution (ADAPTT) under the digital Bridge Institute (International Centre for Information and Communication Technolology Studies) held in University of Medical Sciences, Ondo State (December, 2016).
10. Short Course in Master Grant and Proposal Writing and Finances Management in Tertiary Institution held in University of Medical Sciences, Ondo State (August, 2016)
11. The Postgraduate Students and Teachers Workshop on Research design and Data Analysis held at the Faculty of Veterinary Medicine, University of Ibadan (March, 2016).

**NAME AND ADDRESSES OF REFEREES**:

1. Prof Adedeji, O.B,

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Signature…………………

*Date* …19 - 11 - 2021