

CURRICULUM VITAE



A. **BIODATA**

NAME: Selim Adewale **ALARAPE**, *DVM, MVPH*
SEX: Male
DATE OF BIRTH: 11th May, 1977
MARITAL STATUS: Married
NATIONALITY: Nigerian
STATE OF ORIGIN: Osun
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B. **UNIVERSITY EDUCATION (WITH DATES)**

- Ph.D in view (Aquatic Epidemiology and Toxicology), University of Ibadan, Nigeria
- Masters Degree in Veterinary Public Health and Preventive Medicine (MVPH), University of Ibadan, Nigeria (2012)
- Doctor of Veterinary Medicine (DVM), University of Ibadan, Nigeria (2010)
- Higher National Diploma (HND), Animal Health Technology, Federal College of Animal Health and Production Technology, Moor Plantation, Ibadan. (2003)
- National Diploma (ND), Animal Health and Production Technology, Federal College of Animal Health and Production Technology, Moor Plantation, Ibadan. (2000)

C. **PROFESSIONAL QUALIFICATIONS AND DIPLOMAS**

- Registered Veterinary Surgeon (VCN Reg. No 5862)

D. EMPLOYMENT WITH DATES/JOB EXPERIENCE

CURRENT EMPLOYMENT:

1. August 16th 2019 till date: **Lecturer Grade II**, Department of Veterinary Public Health and Preventive Medicine, University of Ibadan, Ibadan.

Responsibilities as a Lecturer include:

- Teaching of Undergraduate Clinical Students (Fish (aquacultural system and management practices), Wildlife and Environmental Health as well as zoonoses)
 - Conducting researches in the area of Aquatic and Wildlife Animal Medicines with specific focus on environmental and Public Health.
2. March 2012- August 2019: **Research Assistant** (Fish and Wildlife Unit), Department of Veterinary Public Health and Preventive Medicine, University of Ibadan, Ibadan.

Responsibilities as a Research Assistant include:

- Development, Maintenance and upgrade of Laboratory Standard Operating Procedures (SOPs)
 - Training of Students (Undergraduates and Postgraduates) and laboratory Users on Biorisk Assessment and Management within and outside Laboratories.
 - Coordination of Laboratory Research activities within the Laboratory.
3. February 2012- August 2019: **Lecturer (Part-Time)**, Department of Animal Health and Production, Federal College of Animal Health and Production Technology, Moor Plantation, Ibadan.

Responsibilities as a Lecturer include:

- Teaching of Part-Time students at both National and Higher National Diploma levels. Courses taught include; Anatomy and Physiology (I and II), Systemic Pathology, Farm Animal Parasitology, Toxicology.
4. 2015-2016: **Veterinary Consultant (Southwest)**: Grand Cereals Limited

Responsibilities as a Consultant include:

- Resource person at organized workshops for company's customers and farmers across Southwest
- Health management (medication and vaccination) of aquaculture, poultry and livestock farms owned by Company's Customers

- Diagnosis, treatment and prevention of diseases experienced on the farms owned by Company's Customers
5. 2013 till date: **Veterinary Consultant** (L.O. Farms and Al-Hikmah Farms (Ido), Sokab Fish Farms (Egbeda), OBA Fish Farms (Arulogun), Ibitoye Fish Farm (Abeokuta))

Responsibilities as a Consultant include:

- Health management (medication and vaccination) of aquaculture, poultry and livestock
 - Diagnosis, treatment and prevention of diseases experienced on the farm
6. 2013- 2015: State Veterinary Hospital, Mokola, Ibadan, Oyo State (**Volunteer**).

Responsibilities

- Diagnosis and treatment of animals brought to the Hospital
7. 2012 – 2013: Global Vetcare Nigeria Limited, Bashorun, Ibadan (**Technical Sales Representative**)

Responsibilities as a Technical Sales Representative include:

- Marketing and distribution of Veterinary Drugs and Biologicals within the Southwestern part of Nigeria
- Consultation for the farms within the region

E. MEMBERSHIP OF LEARNED SOCIETIES

1. **Member**, Nigerian Veterinary Medical Association (NVMA)
2. **Member**, Association of Aquatic Veterinarians of Nigeria (AAVN)
3. **Member**, International Society for Infectious Diseases (ISID)
4. **Member**, International Veterinary Vaccinology Network (IVVN)
5. **Member**, American College of Toxicology (ACT)
6. **Member**, BactiVac Network
7. **Member**, International Association for Food Protection (IAFP)
8. **Junior Faculty**, Global Emerging Pathogens Treatment Consortium (GET)

F. HONOURS, DISTINCTION, SCHOLARSHIPS, AWARDS, FELLOWSHIPS AND PRIZES

1. Biorisk Management Enhancement Grant (BMEG) 2016, **Team Member** (Worth of \$15,000 to train Researchers across Nigeria on Biorisk Assessment and Management within and outside Laboratories)
1. University of Ghana/Carnegie Corporation of New York Pan-African Doctoral Academy 2016
2. BEP/CRDF Global Travel Grant 2015
4. Overall Best Student in Veterinary Jurisprudence (2003), Federal College of Animal Health and Production Technology, Moor Plantation, Ibadan.

G. REVIEWER AND EVALUATION EXPERIENCE

Reviewer:

- Turkish Journal of Fisheries and Aquatic Sciences, Turkey (2015-date)
- International Journal Advance Agricultural Research (2017-date)
- EC Veterinary Science (ECVE) (2018-date)
- Net Journal of Agricultural Science, Saudi Arabia (2018-date)
- International Journal for Biotechnology and Molecular Biology Reviews (2019-date)
- Veterinarski Arhiv, University of Zagreb (2019-date)
- BioMed Central (BMC) Public Health (2019-date)
- Onderstepoort Journal of Veterinary Research, South Africa (2020-date)

External Examiner

- Federal College of Animal Health and Production Technology, Moor Plantation, Ibadan. (2017 till date)

H. COMMITTEES AND ADMINISTRATIVE EXPERIENCE

- **Member**, University of Ibadan COVID-19 Research and Response Team (2020)
- **Technical Expert**, Oyo State COVID-19 Decontamination and Containment Team (2020)
- **Member**, University of Ibadan-Small and Medium Enterprises Fair (UISMEF) Committee (2020 till date)
- **Member**, Ceremonial Committee, Faculty of Veterinary Medicine, University of

Ibadan (2019 till date)

- **Member**, University of Ibadan Research and Development (UIRESDEV) Committee (2016 till date)
- **General Secretary**, Association of Private Veterinary Medical Practitioners (APVMP), Oyo State (2015-2018)
- **Secretary**, Veterinary Practices Regulatory Committee, Nigerian Veterinary Medical Association (NVMA), Oyo State (2014 - 2015)
- **President**, Nigeria Model United Nations Society (NigMUNS), University of Ibadan Chapter (2009 - 2010)
- **Associate Editor**, Heartbeat Magazine, Union of Campus Journalist (UCJ), University Of Ibadan (2008 - 2009)
- **Editor-in-Chief**, AVMS Editorial Board, University of Ibadan (2008 - 2009)
- **Deputy Editor-in-Chief**, AVMS Editorial Board, University of Ibadan (2007 - 2008)
- **Chairman**, Al Huda Ventures, University of Ibadan (2006 - 2010).
- **Social and Welfare Secretary**, Muslim Students' Society of Nigeria, University of Ibadan Branch (2005 - 2006).
- **Editor-in-Chief**, Al-Haqq Press, Federal Colleges of Agriculture, Animal Health and Production Technology, Moor Plantation, Ibadan (2002 - 2003)
- **Chairman**, House Committee on Sport, Federal Colleges of Agriculture, Animal Health and Production Technology, Moor Plantation, Ibadan (2001 - 2002)
- **Chairman**, Oduduwa Hall, Federal Colleges of Agriculture, Animal Health and Production Technology, Moor Plantation, Ibadan (2001 - 2002)

I. SUPPLEMENTARY TRAININGS:

- 1. Impact Evaluation Course (16th – 19th September, 2019) organized by Partnership for African Social and Governance Research (PASGR) at International Institute of Tropical Agriculture (IITA), Ibadan. Participant**
- 2. Introductory Phylogenetic Workshop (6th – 10th May, 2019) organized by Inqaba Biotec and sponsored by University of Ibadan Medical Education Partnership Initiative Junior Faculty Research Training Programme (UI-MEPI-J). Participant.**

3. Viral Genomics and Sequence Analysis Short Course (30th July-3rd August, 2018) organized by University of Ibadan Medical Education Partnership Initiative Junior Faculty Research Training Programme (UI-MEPI-J) and Harvard T.H. Chan School of Public Health. Participant

4. Research Design and Methodology, Bibliography and Bioethics (March and April, 2017) organized by University of Ibadan Medical Education Partnership Initiative Junior Faculty Research Training Programme (UI-MEPI-J). Participant.

Course Content:

Critique scientific literature, assess study design and statistics in medical research and propose a plan for research project. Strengthen skills in searching electronic databases and other resources. Manage and organize references using reference managers. Develop skills in using anti-plagiarism softwares. Review national and international codes and guidelines on ethical conduct of research, proposal and protocol development, compliance and oversight functions in research involving human subjects and animal use for research.

5. Applications of Bioinformatics and Genomics to Translational Research in Health and Agriculture, (12th to 13th July, 2016), organized by UI Bioinformatics Groups, Participant.

Course Content:

Introduction to biological databases and high-throughput data sources, Introduction to Genomics, DNA and protein sequence alignment and Phylogenetic trees, Protein Structures: prediction, alignment, classification, Introduction to Genome wide association studies (GWAS) and Current advances in Biotechnology issues.

6. University of Ghana Pan African Doctoral Academy, Legon, Ghana (20th to 24th June, 2016). Sponsored by Carnegie Corporation of New York, Participant.

Course Content: Issues in Career Planning, Challenges in Career Progression and Growth, Profile of the Next Generation African Scholar and Life on the Publication Lane

7. University of Ghana Pan African Doctoral Academy, Legon, Ghana (13th to 17th June, 2016). Sponsored by Carnegie Corporation of New York, Participant.

Course Content: How to process Thesis Chapters, Managing Thesis Writing, Managing Life with the PhD process, Art of conducting an effective literature review and time management.

8. Biosafety and Biosecurity Training Course, Fort Collins, Colorado, United States of America (July 9th to 16th, 2015) sponsored by CRDF Global, Participant.

Course Content:

rDNA/Synthetic NA (recombinant DNA) guidelines; Risk assessment; Entity specific inspection and audit preparations and responses; Entity Specific Audit Program; Select Agent regulations and changes, administration, and inspection preparations; Synthetic Biology, Dual Use Research of Concern Guidelines/Oversight; Clinical and Public Health Lab Biosafety; and Ethics and Culture of Biosafety, Biological Safety Levels, Standard Operating Procedures and Biorisk Assessment.

9. VetMedTeam Online Course Certificate in Basic Concepts in Immunology [September 25, 2009]
10. VetMedTeam Online Course Certificate in Ticks from A to Z [September 11, 2009]
11. VetMedTeam Online Course Certificate in Managing Canine Pain [August 25, 2009]
12. VetMedTeam Online Course Certificate in Zoonotic Diseases 102 [August 25, 2009]
13. VetMedTeam Online Course Certificate in Zoonotic Diseases 101 [August 11, 2009]

J. RESEARCH INTERESTS

- Aquatic Zoonotic Diseases and Molecular Biotechnology
- Aquatic Epidemiology
- Fish Food Safety
- Estuarine and Coastal Marine Science
- Ecotoxicology and Environmental Health
- Global Public Health

Research Focus:

Molecular Characterization, Sequence Analysis, and Taxonomic Position of Aquatic Animals (Feral and Cultured) Infectious Diseases of Public Health Importance in Nigeria

K. PROJECT/DISSERTATION/THESIS

- Prevalence of Clinical Rabies in Ibadan Metropolis (1989-1998) - National Diploma Project (1999)
- Hydrocyanic Acid Level of Cassava Wastewater from different varieties of Cassava using Picrate Paper Kits - Higher National Diploma Project (2003)

- Reprotoxic Effect of Malachite Green on African catfish (*Clarias gariepinus* Burchell 1822)- DVM Project
- Tetracycline Residue in *Clarias gariepinus* from selected Fish Farms and Markets in Ibadan – MVPH Project

L. PUBLICATIONS

I. Books, Chapters in Books, Conference Proceedings, Monographs, Briefs and Technical Reports

1. **S. Alarape**, B. Olusola, O. Adeyemo and D. Olaleye, (2019): Preliminary Study on the Prevalence of Hepatitis A and E Viruses in Feral Fish Obtained from Two Major Lagoons in Lagos, Nigeria. Abstract submitted to International Association for Food Protection (IAFP) 2019 Annual Meeting, July 21-24, Kentucky. <https://iafp.confex.com/iafp/2019/onlineprogram.cgi/Paper/21130>

II. Articles in Learned Journals/Refereed Conference Proceedings, etc

2. Adeyemo, O.K., **Alarape, S.A.** and Emikpe, B.O. (2011). Reprotoxic Effect of Malachite Green on African Catfish *Clarias gariepinus* (Burchell 1822), *Journal of Fisheries and Aquatic Science*, 6 (5): 1-8. DOI: 10.3923/jfas.2011.563.570 <http://www.scialert.com/ems/qredirect.php?linkid=pdf&doi=jfas.0000.29691.29691>. USA
3. **Alarape, S.A.**, Ajani, F., Adeyemo, O.K. and Shobiye, J.O. (2013). Effect of Copper Sulphate on Spawning Success in African Catfish (*Clarias gariepinus*, Burchell 1822), *Journal of Fisheries and Aquatic Science*, Vol. 8 (6): 714-720. DOI: 10.3923/jfas.2013.714.720 <http://scialert.net/onlinefirst.php?issn=1816-4927> USA
4. **Alarape, S.A.**, Hussein T.O., Adetunji, V.E. and Adeyemo, O.K. (2015). Skeletal and Other Morphological Abnormalities in Cultured Nigerian African Catfish (*Clarias gariepinus*, Burchell 1822). *International Journal of Fisheries and Aquatic Studies*, 2(5): 20-25. <http://www.fisheriesjournal.com/vol2issue5/Pdf/2-5-21.1.pdf>

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5. Adeniran A., Adeyemo, O.K., Emikpe B.O. and **Alarape, S.A.** (2017). Organosomatic Indices, Haematological and Histological Assessment as Biomarkers of Health Status in Feral and Cultured *Clarias gariepinus*. *African Journal of*

<http://ajbrui.org/ojs/index.php/ajbr/article/view/265> **NIGERIA**

6. Adeyemo, O.K., **Alarape, S.A.**, Adetunji, V.E., Saka, A.B. and Oniovosa U.E. (2017). Seasonal pH And Carbon dioxide Level of Fresh and Marine Aquatic Systems as Indicator of Climate Change in Nigeria. *Trop Vet.* 35(2) 53-60. **NIGERIA**
7. **Alarape, S.A.** and Adeyemo, O.K. (2017). Tetracycline Residue in fresh and processed *Clarias gariepinus* from Selected Fish Farms and Markets in Ibadan, Nigeria. *Trop Vet.* 35(2) 61-71. **NIGERIA**
8. Oniovosa, U.E, Aina, O.O., **Alarape, S.A.**, Babalola, O.E and Adeyemo, O.K. (2017). Effects of Neem Leaf Aqueous Extract on Organ Histology, Haematological Parameters and Biochemical Indices in Catfish. *Alexandria Journal of Veterinary Sciences*, AJVS. Vol. 54(1): 17-24. DOI: 10.5455/ajvs.256015. **EGYPT**
9. Kupoluyi, A.Y., **Alarape, S.A.** and Adeyemo, O.K. (2018): Impact of Industrial Effluents on Alaro River in Oluyole Industrial Estate, Ibadan and its Suitability for Aquatic Life. *Sokoto Journal of Veterinary Sciences*, 16(1): 38-44. <http://dx.doi.org/10.4314/sokjvs.v16i1.6> **NIGERIA**
10. Ubiogoro E.O., **Alarape, S.A.**, Adeyemo, O.K and Saka, A.B. (2019): Growth Performance and Sensory Parameters of African Catfish (*Clarias gariepinus*) fed with a Sublethal Dose of Neem Leaf Extract, and its Antibacterial Effects. *VETERINARSKI ARHIV* 89 (5): 709-721. DOI: 10.24099/vet.arhiv.0284. **CROATIA**
11. Saka, B.A, Adeyemo, O.K, Odeniyi, O.A., **Alarape, S.A.** and Odeseye, A.O. (2019): Seroconversion, Seroprotection and Safety Determination of Formalinised Local Isolate of *Aeromonas hydrophila* administered through Different Routes in *Clarias gariepinus*. *Journal of Preventive Veterinary Medicine* 43 (3): 79-87. DOI: <https://doi.org/10.13041/jpvm.2019.43.3.79> **South Korea**
12. Akpan, S.O., Odeniyi, O.A., Adebawale, O.O., **Alarape, S.A.** and Adeyemo, O.K. (2020): Antibiotic Resistance Profile of Gram-Negative Bacteria Isolated From Lafenwa Abattoir Effluent and its Receiving Water (River Ogun) in Abeokuta, Ogun State. *Onderstepoort Journal of Veterinary Research (OJVR)*. **South Africa**

M. MAJOR CONFERENCES/WORKSHOPS ATTENDED

1. Strengthening Capacities to Innovate the Oyo Aquaculture Sector Support Workshop, International Institute of Tropical Agriculture (IITA) Campus (3rd and 4th September, 2019).
2. Fish Health Management Workshop, University of Ibadan. (July 1st to July 3rd, 2014)
Resource Person
3. CCPZ 2nd Annual Conference and One-Health Exposition, University of Ibadan. (June 30th to July 3rd, 2013). Sponsored by MacArthur Foundation
4. Nigerian Veterinary Medical Association Annual Conference, Ado-Ekiti, Ekiti State. (November 5th to 9th, 2012)