



## **PROF OLAOLUWA PHEABIAN AKINWALE**

**Director of Research (Neglected Tropical Diseases)**

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### **EDUCATIONAL QUALIFICATIONS (WITH PLACE AND DATE)**

**Doctor of Philosophy (Parasitology).** Ahmadu Bello University, Zaria, Nigeria. ), August 1998.

**Master of Science (Parasitology).** University of Ife (Now Obafemi Awolowo University), Ile-Ife, Nigeria. February 1987.

**Bachelor of Science (Zoology).** University of Ife (Now Obafemi Awolowo University), Ile-Ife, Nigeria. August 1982.

### **CERTIFICATE COURSES ATTENDED (WITH PLACE AND DATE)**

- **Reproductive Health and HIV Institute, University of the Witwatersrand Johannesburg, South Africa**  
Research Methods Course in Sexual and Reproductive Health, 2005.
- **Smith College, Northampton, Massachusetts, USA**  
The New England Biolabs Molecular Biology Summer Workshop, 2006.
- **Institut Pasteur Tunis, Tunisia**  
Bioinformatics and Comparative Genome Analysis Course, 2007
- **Kenya Medical Research Institute, Kilifi, Kenya**  
Wellcome Trust Open Door Workshop, Working with the Human Genome Sequence, 2007
- **Research Institute of Rio de Janeiro, Rio de Janeiro, Brazil**  
Advanced Methods for Phylogenetic Analysis of Molecular Sequences, 2009.
- **National Institute for Health and Welfare (THL), Helsinki, Finland**  
Role and Function of a Comprehensive National Public Health Institute, 2010.
- **KIT Royal Tropical Institute, Amsterdam, the Netherlands**  
Control strategies for infectious and non-communicable diseases, 2015.

### **WORK EXPERIENCE (WITH PLACE AND DATE)**

- Research Officer 1, Nigerian Institute for Trypanosomiasis Research, Kaduna. 1988–1991.
- Senior Research Officer, Nigerian Institute for Trypanosomiasis Research, Kaduna. 1991-1994.
- Principal Research Officer, Nigerian Institute for Trypanosomiasis Research, Kaduna. 1994-1998.
- Research Fellow 1, Nigerian Institute of Medical Research, Yaba Lagos, Nigeria. 1998–2000.
- Senior Research Fellow, Nigerian Institute of Medical Research, Yaba, Lagos, Nigeria. 2001-2003.
- Chief Research Fellow, Nigerian Institute of Medical Research, Yaba, Lagos, Nigeria. 2004-2007.
- Deputy Director (Research), Nigerian Institute of Medical Research, Yaba, Lagos, Nigeria. 2008-2013.
- Director of Research (Neglected Tropical Diseases), Nigerian Institute of Medical Research, Yaba, Lagos, Nigeria. 2013 - Date.

### **TRAINING FELLOWSHIPS AND TRAVEL GRANTS (WITH DATE AND PLACE)**

- Commonwealth Science Council (CSC) Training Fellowship, United Kingdom, 2003.
- International Organization for Chemical Sciences and Development (IOCSA) Travel Fellowship, Antwerp, Belgium, 2004.
- World Health Organization/TDR Travel Bursary, Thailand (2005)
- University of Witwatersrand Training Fellowship, South Africa, 2005
- The International Network of Women Engineers and Scientists (INWES) Travel Award, Seoul, South Korea, 2005

- The New England Biolabs Training Fellowship, Massachusetts, USA, 2006.
- European Molecular Biology Organization (EMBO) Training Fellowship, Tunis, Tunisia, 2007.
- Wellcome Trust Open Door Workshop Training Fellowship, Kilifi, Kenya, 2007.
- European Molecular Biology Organization (EMBO) Training Fellowship, Rio de Janeiro, Brazil, 2009.
- International Society for Urban Health (ISUH) Travel Award, Kenya, 2009.
- International Association of National Public Health Institutes (IANPHI) Travel Grant, Helsinki, Finland, 2010.
- International Congress of Parasitology (ICOPA) Travel Award, Melbourne, Australia, 2010
- International Society for Urban Health (ISUH) Travel Scholarship, New York, USA, 2010.
- International Society for Urban Health (ISUH) Travel Scholarship, Belo Horizonte, Brazil, 2011.
- National Science Council, Taiwan, Guest Lectureship Award, Taipei, Taiwan, 2011.
- Nigerian Branch of South African Cochrane Centre Training Scholarship, Calabar, Nigeria, 2012.
- TWAS-USM Visiting Researcher Fellowship Award (FR number 3240255153), Penang, Malaysia, 2012.
- Bernhard Nocht Institute for Tropical Medicine Travel Grant, Hamburg, Germany, 2014.
- United Nations Development Programme Travel Bursary, New York, USA, 2014.
- Gordon Research Conferences Bursary, Galveston, Texas, USA, 2015.
- The Netherlands Fellowship Programme (NFP), Amsterdam, the Netherlands, 2015.
- WIPO RE: Search Travel Bursary, Geneva, Switzerland, 2015
- African Research Network for Neglected Tropical Diseases (ARNTD) Travel Award, Malawi, 2015
- Symposium for International Research and Innovations in Schistosomiasis (SIRIS) Travel Bursary, Washington DC, USA, 2016.
- World Health Organization (WHO) Travel bursary, Geneva, Switzerland 2017.
- World Health Organization (WHO) Travel bursary, Geneva, Switzerland 2019.
- EDCTP Network meeting Travel Bursary, Addis Ababa, Ethiopia, November 2019.

#### RESEARCH/EQUIPMENT GRANT AWARDS

- UNICEF/UNDP/World Bank/WHO/Special Programme for Research and Training in Tropical Diseases (TDR). Project Development Grant (Project ID NO. A41061), 2005-2006. Role: **Principal Investigator**.
- UNICEF/UNDP/World Bank/WHO/Special Programme for Research and Training in Tropical Diseases (TDR). Collaborative Research Project Grant (Project ID No. A60251). 2006-2007. Role: **Co-Principal Investigator**.
- Systematics Research Fund by the Linnean Society/Systematics Association, UK. 2008-2009. Role: **Principal Investigator**.
- International Association of National Public Health Institutes (IANPHI) (Award No. 6-38223-G1). 2010-2012. Role: **Principal Investigator/Project Director**.
- Systematics Research Fund by the Linnean Society/Systematics Association, UK. 2012-2013. Role: **Principal Investigator**.
- United States National Science Foundation Research award (Award Number: 1516340). 2014-2016. Role: **Collaborator**
- Special Olympics HIV and Malaria Program Evaluation Grant, 2015-2016. Role: **Principal Investigator/Consultant**
- UNICEF/UNDP/World Bank/WHO/Special Programme for Research and Training in Tropical Diseases (TDR). Impact Grant (Project ID No. 235553) (2015-2016). Role: **Principal Investigator**
- Tertiary Education Trust Fund (TETFUND) Institutional-Based Research Grant, Nigeria (Grant Number FUNAI/FST/15/BI/004). 2015-2016. Role: **Co-Principal Investigator**.
- German Leprosy and TB Relief Association (GLRA)/Kindermissionswerk Aachen Equipment Grant, 2017. Role: **Principal Investigator**.
- Laureus Sport for Good Foundation Research Grant, 2017-2018. Role: **Principal Investigator/Consultant**
- Nigerian Institute of Medical Research (NIMR) Grant Award 2017-2018 (Grant No. 1NIMRGA0002-17-01). Role: **Principal Investigator**.
- Universiti Teknologi Mara (UiTM) Malaysia Long-term Research Grant Scheme 2018-2021 [Grant No. 600-IRMI/LRGS 5/3 (0003/2016)]. Role: **Co-Principal Investigator**.

- The END Fund Pilot NTD Prevention Project Monitoring and Evaluation Grant, 2019-2020. Role: **Principal Investigator/Consultant.**
- The United Kingdom's Foreign, Commonwealth and Development Office (FCDO) African Researchers' Small Grants Program 2020-2021. Role: **Co-Investigator/Supervisor.**
- Nigerian Institute of Medical Research (NIMR) Grant Award 2020-2021 (Grant No. 3NM-JRGT-20-0051). Role: **Co-Investigator/Supervisor.**
- Nigerian Institute of Medical Research (NIMR) Grant Award 2021-2023 (Grant No. 3NMG-SRGT-20-0055). Role: **Principal Investigator.**

#### **INTERNATIONAL COLLABORATION/RESEARCH/TEACHING EXPERIENCE (WITH DATE AND PLACE)**

- Commonwealth Science Research Fellow, Wolfson Wellcome Biomedical Laboratories, Zoology Department, Natural History Museum London UK, 2003.
- Research Trainee, Laboratório de Imunologia Celular e Molecular, Centro de Pesquisas René Rachou Fundação Oswaldo Cruz, FIOCRUZ Belo Horizonte Brazil, 2006.
- Visiting Researcher, Wolfson Wellcome Biomedical Laboratories, Zoology Department, Natural History Museum London UK, 2007.
- Visiting Researcher, Wolfson Wellcome Biomedical Laboratories, Zoology Department, Natural History Museum London UK, 2008.
- Visiting Researcher, Wolfson Wellcome Biomedical Laboratories, Zoology Department, Natural History Museum London UK, 2009.
- Visiting Professor, Department of Parasitology, Taipei Medical University Taipei, Taiwan, 2011-2014.
- Visiting Researcher, Advanced Medical and Dental Institute, Universiti Sains Malaysia Penang Malaysia, 2012.
- Visiting Professor/Doctoral Thesis Assessor, Department of Preventive Medicine, Faculty of Public Health, University of Debrecen, Hungary, 2019 - Date.
- Visiting Professor, Biology Department, Faculty of Basic Medical and Applied Sciences, Lead City University, Ibadan, Nigeria, 2019 - Date.

#### **POSTGRADUATE PROJECTS SUPERVISION (PAST AND ON-GOING)**

- **Adeleke M. Adebayo** – Department of Biological Sciences, University of Agriculture, Abeokuta, Nigeria.  
PhD Thesis (2010) - **Bioecology, characterization and transmission indices of *Simulium damnosum* Theobald complex (Diptera: Simuliidae) along Osun river, Southwestern Nigeria.**
- **Okere, Ugochi Pearl** - Department of Zoology, University of Ibadan, Ibadan, Nigeria  
PhD Thesis (2010) - **Human schistosome species diversity in Abua/Odual Local Government Area, Rivers State, Nigeria.**
- **Hassan Abdul Wasiu Oladele** - Department of Biological Sciences, University of Agriculture, Abeokuta, Nigeria.  
PhD Thesis (2013) - **Ecological and molecular studies of urinary schistosomiasis in school children around Erinle and Eko-Ende Dams, Oshun state, Nigeria.**
- **Ajayi Babashola** - Department of Biological Sciences, University of Agriculture, Abeokuta, Nigeria.  
PhD Thesis (2014) – **Prevalence of urinary schistosomiasis and molecular identification of snail intermediate hosts in parts of Ogun State, Nigeria.**
- **Gyang Pam Vincent** – Department of Parasitology, College of Medicine, Taipei Medical University, Taipei, Taiwan.  
PhD Thesis (2015) - **Epidemiology of neurophilic parasitic infections among school children in Lagos Nigeria and the evaluation of merthiolate-iodine-formalin (MIF) technique for the detection of intestinal helminthes.**
- **Ukam Oyene** - Department of Zoology and Environmental Biology, University of Calabar, Calabar, Nigeria  
PhD Thesis (2016) - **Study of Malaria Management Practices and Care Seeking Behaviour in Calabar Metropolis and Ugep in Cross River State, Nigeria.**

- **Oso Opeyemi Gbenga** - Department of Zoology, Faculty of Science, University of Ibadan, Nigeria.  
PhD Thesis (2016) - **Ecology and population dynamics of freshwater snails in schistosomiasis endemic areas of Yewa North LGA, Ogun State, Nigeria.**
- **Sunday Ojo Joseph** - Department of Zoology, University of Ilorin, Nigeria.  
PhD project title - **Epidemiology of Urinary schistosomiasis and ecology of the freshwater intermediate snail host in Kwara State, Nigeria.**
- **Adewale Oke** – Department of Biological Science, College of Natural Sciences, Redeemer’s University, Ede, Nigeria.  
PhD project title – **Buruli ulcer epidemiology and organism speciation of *Mycobacterium ulcerans* in Ogun State, Nigeria.**
- **Alexander Suzan Ijeoma** – Department of Zoology, Faculty of Science, University of Lagos, Nigeria  
PhD project title - **Epidemiology of schistosomiasis (urinary and intestinal) and soil transmitted helminths (STH) in Ogun State, Southwestern Nigeria and implications of co-infection for disease control.**
- **Tokun Oluwatomilola** - Department of Pure and Applied Zoology, Federal University of Agriculture, Abeokuta, Nigeria.  
PhD project title - **Molecular epidemiology of urinary schistosomiasis and characterization of human and animal infective schistosome species in three endemic areas of Ogun State southwestern Nigeria.**

#### **POSTGRADUATE TEACHING EXPERIENCE**

- Diagnostic Parasitology (ZLY 875/PhD/Medical Students), Department of Zoology, University of Lagos, 2009 - 2010.
- Neglected Tropical Diseases and Healthcare Systems (OT-EGDI-T130/PhD Students). Department of Preventive Medicine, Faculty of Public Health, University of Debrecen, Hungary, 2020.
- Healthcare Systems in Africa. (AOG3672002/Medical students). Department of Preventive Medicine, Faculty of Public Health, University of Debrecen, Hungary, 2020.
- COVID-19 pandemic (OT-EGDI-T136/PhD/Medical Students). Department of Public Health and Epidemiology, Faculty of Medicine, University of Debrecen, Hungary, 2020.

#### **PROFESSIONAL SERVICES/CONSULTANCIES**

- German Technical Group (GTZ), 2002
- Special Olympics Skills for life health program, 2015-2016
- Youth Empowerment and Development Initiative (YEDI), Nigeria, 2015-Date.
- The END Fund, 2019-Date

#### **ON-GOING RESEARCH**

- Scaling-up research and diagnosis of Buruli ulcer to enhance intervention activities of the national control program.
- *Mycobacterium tuberculosis*: Whole genome sequence library, the virulence and drug resistance patterns.
- Enhancing the fundamentals for effective control of Buruli ulcer through sequencing and mutation analyses of drug resistance in the era of global spread of antimicrobial resistance.
- Field validation of a species-specific mitochondrial gene-based molecular assay for differentiating *S. haematobium* from its closely related animal infective schistosome species.

#### **RESEARCH/SCIENTIFIC PUBLICATIONS**

1. Ikotun, K., Sowemimo, O., Chou, C.M., Ajenifuja, K., Chuang, T.W., Asaolu, S., **Akinwale, O.**, Gyang, V., Nwafor, T., Henry, E. and Fan, C.K. (2020). High seroprevalence of *Toxocara* antibodies in pregnant women attending antenatal clinic at a university hospital in Ile-Ife, Nigeria. *Transactions of the Royal Society of Tropical Medicine and Hygiene*. <https://doi.org/10.1093/trstmh/trz116>.

2. Ogochukwu C. Okeke, **Olaoluwa P. Akinwale**, Patience O. Ubachukwu, Pam V. Gyang, Emmanuel U. Henry, Timothy E. Nwafor, Bilkisu M. Daniel, Soweche E. Ebi, Chioma O. Anorue, Christian O. Chukwuka, Mann S. Dido. (2019). Report of high prevalence of schistosome infection in Biomphalaria snails from a geographic area with no previous prevalence of human schistosomiasis in Nigeria. *Acta Tropica*, <https://doi.org/10.1016/j.actatropica.2019.105326>. Epub 2019 Dec 28.
3. Ezeh, C.O., Onyekwelu, K.C., **Akinwale, O.P.**, Shan. L., and Wei, H. (2019). Urinary schistosomiasis in Nigeria: a 50 year review of prevalence, distribution and disease burden. *Parasite* Vol. 26. No. 19: <https://doi.org/10.1051/parasite/2019020>.
4. Gyang, P.V., Chuang, T.W., Liao, C.W, Lee, Y.L., **Akinwale, O.P.**, Orok, A., Ajibaye, O., Ajayi J.B., Cheng, P.C., Chou, C.M., Huang, Y.C., Sonko, P. and Fan, C.K. (2019). Intestinal parasitic infections: current status and associated risk factors among school aged children in an archetypal African urban slum in Nigeria. *Journal of Microbiology, Immunology and Infection* Vol. 52: 106-113. <https://doi.org/10.1016/j.jmii.2016.09.005>.
5. Oke, A.A., Komolafe, I.O., David, A.N. and **Akinwale, O.P.** (2019). Buruli ulcer and HIV co-infection in a Nigerian woman on antiretroviral therapy. *International Journal of Case Reports and Images* Vol 10: 1-4. DOI: 10.5348/100994Z01AA2019CR.
6. Oke A., Akinola, B., Komolafe, I., **Akinwale, O.** and Olaopa, J. (2018). Buruli ulcer disease in a diabetic patient. *IOSR Journal of Dental and Medical Sciences* Vol. 17. No. 12: 79-80. DOI: 10.9790/0853-1712077980.
7. Sowemimo, O.A., Wu, T.H., Lee, Y.L., Asaolu, S.O., Chuang, T.W., **Akinwale, O.P.**, Badejoko, B.O., Gyang, V.P., Nwafor, T., Henry, E. and Fan, C.K. (2018). *Toxoplasma gondii*: seroprevalence and associated risk factors among preschool-aged children in Osun State, Nigeria. *Transactions of The Royal Society of Tropical Medicine and Hygiene* try083, <https://doi.org/10.1093/trstmh/try083>.
8. OKE, A.A., KOMOLAFE, I.O., **AKINWALE, O.**, GYANG, P., HENRY, E. and NWAFOR, T. (2018). Index Cases of Buruli Ulcer Disease in Three States of South-West, Nigeria – A Preliminary Study. *IOSR Journal of Pharmacy and Biological Sciences* Vol. 13. No. 2: 51-56. DOI: 10.9790/3008-1302055156.
9. Abiola, S., **Akinwale, O.**, Dorsey, R. and Kautz, H. (2017). Real-time health activity reporting of citizens in Lagos, Nigeria using mHealth app node. *Journal of Clinical and Translational Science* Vol. 1. No. S1: 41-41. <https://doi.org/10.1017/cts.2017.150>.
10. Sowemimo, O.A., Lee, Y.L., Asaolu, S.O., Chuang, T.W., **Akinwale, O.P.**, Badejoko, B.O., Gyang, V.P., Nwafor, T., Henry, E. and Fan, C.K. (2017). Seroepidemiological study and associated risk factors of *Toxocara canis* infection among preschool children in Osun State, Nigeria. *Acta Tropica* <https://doi.org/10.1016/j.actatropica.2017.05.030>.
11. **Akinwale, O.P.**, Adeneye, A.K., Oyefara, J.O., Adejoh, P.E., Musa, Z.A., Oyedeji, K.S.O., Sulyman, M.A. and Adeneye, A.A. (2017). Behavioral Risk Factors for Non-Communicable Diseases in Three Most Populous Nigerian Urban Slums. *Journal of Public Health in Developing Countries* Vol. 3. No. 1: 327-338.
12. **Akinwale, O.**, Adeneye Adeneye, A., Ezeugwu, S., Olukosi, Y., Adewale, B., Sulyman, M., Mafe, M., Okwuzu, J., Gyang, P., Nwafor, T., Henry, U., Musa, B. and Ujah, I. (2017). Modifiable risk factors of Buruli ulcer in communities of two endemic local government areas of Ogun State, Nigeria. *BMJ Glob Health*. 2: A59. Doi: 10.1136/bmjgh-2016-000260.157.
13. Obaseki, D.E., Forae, G.D., Iyawe, D.U., **Akinwale, O.** and Obahiagbon, I. (2016). A First Reportable Case of Fatal Granulomatous Amoebic Encephalitis in an Immunocompetent Nigerian Confirmed by Molecular Studies -

Polymerase Chain Reaction (PCR). *International Journal of Medicine and Public Health* Vol. 6. No. 3:148-150.

14. Osue, H.O., Abenga, J.N., Lawani, F.A.G., Falope, O., David, K.M., Ezebuio, O.G.C., **Akinwale, O.P.** and Edeghere, H.I. (2016). Status of Anaemia, Semen and Ejaculate Characteristics in Experimental Trypanosomiasis Infections in Yankassa Rams After Berenil, Novidium and Samorin Treatment. *Journal of Agriculture and Veterinary Science* Vol. 9. No. 6: 60-68. DOI: 10.9790/2380-0906026068.
15. Hassan, A.O., Amoo, A.O.J., **Akinwale, O.P.**, Adeleke, M.A. and Gyang, P.V. (2016). Molecular Characterization and Detection of Infection in Vector Snails of Urinary Schistosomiasis around Erinle and Eko Ende Dams in South West Nigeria. *British Microbiology Research Journal* Vol.14. No. 1: 1-10. DOI: 10.9734/BMRJ/2016/9019.
16. **Akinwale, O.**, Oso, O., Salawu, O., Odaibo, A., Tang, P., Chen, T.W. and Gyang, P. (2015). Molecular characterization of *Bulinus* snail intermediate hosts of schistosomes in Ogun state, southwest Nigeria. *Folia Malacologica* Vol. 23. No. 2: 137-147. Doi:10.12657/folmal.023.009.
17. Gyang, V.P., **Akinwale, O.P.**, Lee, Y.L., Chuang, T.W., Orok, A., Ajibaye, O., Liao, C.W., Cheng, P.C., Chou, C.M., Huang, Y.C., Fan, K.H. and Fan, C.K. (2015). *Toxoplasma gondii* infection: seroprevalence and associated risk factors among primary school children in Lagos City, Southern Nigeria. *Revista da Sociedade Brasileira de Medicina Tropical* Vol. 48. No. 1: 56-63. Doi.org/10.1590/0037-8682-0310-2014.
18. Gyang, P.V., **Akinwale, O.P.**, Lee, Y.L., Chuang, T.W., Orok, A.B., Ajibaye, O., Liao, C.W., Chen, P.C., Chou, C.M., Huang, Y.C., Barghouth, U. and Fan, C.K. (2015). Seroprevalence, disease awareness, and risk factors for *Toxocara canis* infection among primary school children in Makoko, an urban slum community in Nigeria. *Acta Tropica* Vol. 146: 135–140. DOI: 10.1016/j.actatropica.2015.03.018.
19. Hassan, A.O., Amoo, A.O.J., **Akinwale, O.P.**, Deji-Agboola, A.M., Adeleke, M.A. and Gyang, P.V. (2014). Current status of urinary schistosomiasis in communities around the Erinle and Eko-Ende Dams and the implications for schistosomiasis control in Nigeria. *Southern African Journal of Infectious Diseases* Vol. 29. No. 4:137-140. DOI: 10.1080/23120053.2014.11441588.
20. **Akinwale, O.P.**, Oyefara, J.O., Adejoh, P.E., Adeneye, A.A., Adeneye, A.K., Musa, Z.A., Oyedeji, K.S. and Sulyman, M.A. (2014). Benefits of using community-engaged research approach to promote healthy lifestyles in three Nigerian urban slums. *Southern African Journal of Epidemiology and Infection* Vol. 29. No. 1: 48-50. <https://doi.org/10.1080/23120053.2014.11441558>.
21. **Akinwale, O.P.**, Tang, T.H., Fan, C.K., Qi, Z., Shen, H., Charles, E. and Gyang, V.P. (2014). Differentiating *Schistosoma haematobium* from *Schistosoma magrebowiei* and other closely related schistosomes by PCR amplification of a species-specific mitochondrial gene. *Tropical Parasitology* Vol. 4. No. 1. DOI: 10.4103/2229-5070.129163.
22. Adeleke, M.A., Mafiana, C.F., Sam-Wobo, S.O., **Akinwale, O.P.**, Olatunde, G.O., Sanfo, S.M., Adjami, A. and Toe, L. (2013). Molecular characterization of the *Simulium damnosum* complex (Diptera: *Simuliidae*) found along the Osun River system, in southwestern Nigeria. *Annals of Tropical Medicine and Parasitology* Vol. 13: 104(8):679-683. Doi: 10.1179/136485910X12851868780225.
23. **Akinwale, O.P.**, Oyefara, L.J., Adejoh, P., Adeneye, A.A., Adeneye, A.K., Musa, Z.A., Oyedeji, K.S. and Sulyman, M.A. (2013). Survey of hypertension, diabetes and obesity in three Nigerian urban slums. *Iranian Journal of Public Health* Vol. 42. No. 9: 972-979.
24. **Akinwale, O.P.**, Adeneye, A.K., Musa, Z.A., Oyedeji, K.S., Sulyman, M.A., Oyefara, J.O., Adejoh, P.E. and Adeneye, A.A. (2013). Living conditions and public health status in three urban slums of Lagos, Nigeria. *South East Asia Journal of Public Health (SEAJPH)* Vol. 3. No. 1: 36-41.

25. **Akinwale, O.P.**, Afilaka, B., Gyang, V.P., Adeleke, M.A., Adeneye, A., Onwujekwe, D., Alimi, F. and Akande, D. (2013). Human cytomegalovirus infection in Nigerians living with human immunodeficiency virus. *Annals of Tropical Medicine and Public Health* Vol. 6. No. 1: 59-64. DOI:10.4103/1755-6783.115205.
26. **Akinwale, O.P.**, Tang, T.H., Doblin, A.S. and Cheah, H.L. (2013). Molecular survey of freshwater snail intermediate hosts of *Schistosoma malayensis* in northern peninsular Malaysia. *Continental Journal of Biological Sciences* Vol. 6. No. 2: 33-41.
27. Adeleke, M.A., Sam-Wobo, S.O., **Akinwale, O.P.**, Olatunde, G.O. and Mafiana, C.F. (2012). Biting on human body parts of *Simulium* vectors and its implication on the manifestation of *Onchocerca* nodules along Osun River System, Southwest Nigeria. *Journal of Vector Borne Diseases* Vol. 49. No. 3: 140-142.
28. Cox, G.R., Fisher, C.A., De Silva, S., Phelan, M., **Akinwale, O.P.**, Simmons, M.B. and Hetrick, S.E. (2012). Interventions for preventing relapse and recurrence of a depressive disorder in children and adolescents. *Cochrane Database of Systematic Reviews* 2012, Issue 11. Art. No.: CD007504. DOI: 10.1002/14651858.CD007504.pub2.
29. Fan, C.K., Lee, L.W., Liao, C.W., Huang, Y.C., Lee, Y.L., Chang, Y.T., José da Costa, A.D.S.R., Gil, V., Chi, L.H., Nara, T., Tsubouchi, A. and **Akinwale O.P.** (2012). *Toxoplasma gondii* infection: relationship between seroprevalence and risk factors among primary school children in the capital areas of Democratic Republic of Sao Tome and Principe, West Africa. *Parasites and vectors* Vol. 13. No. 5: 141. Doi: 10.1186/1756-3305-5-141.
30. Hassan, A.O., Amoo, A.O.J., **Akinwale, O.P.**, Deji-Agboola, A.M., Adeleke, M.A., Gyang, P.V. and Oluwadun, A. (2012). Human water contact activities and urinary schistosomiasis around Erinle and Eko-ende dams. *Global Advanced Research Journal of Medicine and Medical Sciences* Vol. 1. No. 4: 77 – 84.
31. Adeleke, M.A., Sam-Wobo, S.O., Olatunde, G.O., **Akinwale, O.P.** and Mafiana, C.F. (2012). Attraction of *Simulium damnosum* Complex to *Pterocarpus santalinoides*: A preliminary study. *Munis Entomology and Zoology Journal* Vol. 7. No. 1: 368-371.
32. **Akinwale, O.P.**, Akpunonu, V.N., Ajayi, M.B., Akande, D.O., Adeleke, M.A., Gyang, P.V., Adebayo, M.O. and Dike, A.A. (2011). Urinary schistosomiasis transmission in Epe, an urban community southwest Nigeria. *Tropical Parasitology* Vol. 1. No. 2: 99 – 103. Doi: 10.4103/2229-5070.86944.
33. Adeleke, M.A., Sam-Wobo, S.O., Olatunde, G.O., **Akinwale, O.P.**, Ekpo, U.F. and Mafiana, C.F. (2011). Bioecology of *Simulium damnosum* Theobald Complex along Osun River, Southwest Nigeria. *Journal of Rural and Tropical Public Health* Vol. 10: 39 - 43.
34. **Akinwale, O.P.**, Rollinson, D., Kane, R., Stothard, R., Ajayi, M.B., Akande, D.O., Ogungbemi, M.O., Duker, C., Gyang, P.V. and Adeleke, M.A. (2011). Molecular approaches to the identification of *Bulinus* species in South-West Nigeria and observations on natural snail infections with schistosomes. *Journal of Helminthology* Vol. 85. No. 3: 283-293. Doi: 10.1017/S0022149X10000568.
35. Adeleke, M.A., Mafiana, C.F., Sam-Wobo, S.O., Olatunde, G.O. and **Akinwale, O.P.** (2010). Morphotaxonomic studies on *Simulium damnosum* Theobald complex (Diptera: *Simuliidae*) along Oshun River, Southwestern Nigeria. *Acta Entomologica Sinica* Vol. 53. No. 11: 1319 - 1324.
36. Adeleke, M.A., Mafiana, C.F., Sam-Wobo, S.O., Olatunde, G.O., Ekpo, U.F., **Akinwale, O.P.** and Toe, L. (2010). Biting behaviour of *Simulium damnosum* complex and *Onchocerca volvulus* infection along the Osun River, Southwest Nigeria. *Parasites and Vectors* Vol. 3: 93. Doi: 10.1186/1756-3305-3-93.

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38. **Akinwale, O.P.**, Ajayi, M.B., Akande, D.O., Adeleke, M.A., Gyang, P.V., Adeneye, A.K. and Dike, A.A. (2010). Prevalence of *Schistosoma haematobium* infection in a neglected community, south western Nigeria. *International Journal of Health Research* Vol. 2. No. 2: 149–155. DOI: 10.4314/ijhr.v2i2.55408.
39. **Akinwale, O.**, Adeneye, A., Omotola, D., Manafa, O., Idowu, T., Adewale, B., Sulyman, M. and Akande, D. (2009). Parental perception and practices on sexual health communication with their children in Lagos, Nigeria. *Journal of Family and Reproductive Health* Vol. 3. No. 4: 123–128.
40. Ude, E.A.G., **Akinwale, O.P.**, Ukaga, C.N., Ajayi, M.B., Akande, D.O., Adeleke, M.A., Gyang, P.V. and Dike, A.A. (2009). Prevalence of urinary schistosomiasis in Umuowele, Agulu community, Anambra State, Nigeria. *International Journal of Health Research* Vol. 2. No. 4: 347-353. DOI: 10.4314/ijhr.v2i4.55435.
41. **Akinwale, O.P.**, Laurent, T., Mertens, P., Leclipteux, T., Rollinson, D., Kane, R., Emery, A., Ajayi, M.B., Akande, D.O. and Fesobi, T.W. (2008). Detection of schistosomes PCR amplified DNA by oligochromatographic dipstick. *Molecular and Biochemical Parasitology* Vol. 160. No. 2: 167-170. DOI: 10.1016/j.molbiopara.2008.04.003. Epub 2008 Apr 12. PubMed PMID: 18501978.
42. **Akinwale, O.P.**, Oliveira, G.C., Ajayi, M.B., Akande, D.O., Oyebadejo, A.S. and Okereke, K.C. (2008). Squamous cell abnormalities in exfoliated cells from the urine of *Schistosoma haematobium* infected adults in a rural fishing community in Nigeria. *Journal of World Health and Population* Vol. 10. No. 1: 18–22. Doi: 10.12927/whp.2008.19581.
43. Idowu, E.T., Mafe, M.A., Appelt, B., Adewale, B., Adeneye, A.K., **Akinwale, O.P.**, Manafa, O.U. and Akande, D.O. (2007). Height as substitute to weight for the estimation of praziquantel dosage. *Journal of World Health and Population* Vol. 9. No. 3: 19– 26. DOI: 10.12927/whp.2007.19034. PubMed PMID: 18272939.
44. Adeneye, A.K., **Akinwale, O.P.**, Idowu, E.T., Adewale, B., Manafa, O.U., Sulyman, M.A., Omotola, B.D., Akande, D.O., Mafe, M.A. and Appelt, B. (2007). Social aspects of drug delivery in schistosomiasis control: The Abeokuta experience. *Research in Social and Administrative Pharmacy* Vol. 3(2): 183-198. <https://doi.org/10.1016/j.sapharm.2006.07.001>.
45. **Akinwale, O.P.**, Nock, I.H., Esievo, K.A.N., Edeghere, H.U. and Olukosi, Y.A. (2006). Study on the susceptibility of Sahel goats to experimental *Trypanosoma vivax* infection. *Veterinary Parasitology* Vol. 137. No. 3-4: 210–213. DOI: 10.1016/j.vetpar.2006.01.032.
46. **Akinwale, O.P.**, Omotola, B.D., Manafa, O.U., Adeneye, A.K., Idowu, E.T., Sulyman, M.A. and Adewale, B. (2006). An assessment of parent-child communication on sexuality in Lagos, Nigeria. *Journal of World Health and Population* Vol. 8. No. 1: 58-61. Doi:10.12927/whp.2006.17891.
47. Ahmed, O.A., Odunukwe, N.N., **Akinwale, O.P.**, Raheem, T.Y., Efiemokwu, C.E., Ogedengbe, O. and Salako, L.A. (2005). Knowledge and practices of traditional birth attendants in prenatal services in Lagos state, Nigeria. *African Journal of Medicine and Medical Sciences* Vol. 34: 55–58.
48. Mafe, M.A., Appelt, B., Adewale, B., Idowu, E.T., **Akinwale, O.P.**, Adeneye, A.K., Manafa, O.U., Sulyman, M.A., Akande, D.O. and Omotola, B.D. (2005). Effectiveness of different approaches to mass delivery of praziquantel among school-aged children in rural communities in Nigeria. *Acta Tropica* Vol. 93: 181–190. DOI:



49. **Akinwale, O.P.**, Adeneye, A.K., Sulyman, M.A., Idowu, E.T., Adewale, B., Manafa, O.U. and Mafe, M.A. (2004). Health care seeking behaviour of people in schistosomiasis endemic communities of Ogun and Niger states, Nigeria. *Nigerian Journal of Parasitology* Vol. 25: 121-126. DOI: 10.4314/njpar.v25i1.37718.
50. **Akinwale, O.P.**, Manafa, O.U., Adewale, B., Idowu, E.T., Sulyman, M.A., Adeneye, A.K., Olukosi, Y.A., Fesobi, T., Ajala, H.O.T. and Akande, D.O. (2004). Knowledge, attitude belief and practices of religious leaders in Lagos state on Human Immune Deficiency Virus/Acquired Immune Deficiency Syndrome (HIV/AIDS). *Medipharm Medical Journal* Vol. 2: 11-14.
51. Akande, D.O., Adeleke, E.O. and **Akinwale, O.P.** (2002). The prevalence of intestinal parasitic contaminants of fruits sold in some markets in Lagos, Nigeria. *Journal of Tropical Biosciences* Vol. 2. No. 1: 33-35.
52. Akanbi, A.S., **Akinwale, O.P.** and Ajayi, M.B. (2002). Incidence of trypanosome infections among some herdsmen from two abattoirs in Lagos, Nigeria. *Medipharm Medical Journal* Vol. 2: 15-17.
53. **Akinwale, O.P.**, Nock, I.H., Esievo, K.A.N. and Olukosi, Y.A. (2002). Treatment failure in experimental *Trypanosoma vivax* infection of Sahel goats. *The Journal of Scientific Research and Development* Vol. 4: 43-48.
54. **Akinwale, O.P.**, Nock, I.H. and Esievo, K.A.N. (2001). Relapse infection in West African dwarf goats experimentally infected with *Trypanosoma vivax*. *Research communications in Parasitology* Vol. 1. No. 1: 34-38.
55. Sulyman, M.A., **Akinwale, O.P.** and Ogunbanwo, J.A. (2000). Onchocerciasis and its control. *Applied Natural Sciences Research* Vol. 1. No. 2: 1-5.
56. Sulyman, M.A., **Akinwale, O.P.** and Ogunbanwo, J.A. (2000). Chemotherapy and African trypanosomiasis. *Research Communications in Parasitology* Vol. 1. No. 1: 21-27.
57. **Akinwale, O.P.** (1999). Current trends in the control of African trypanosomiasis. *Research Communications in Parasitology* Vol. 1. No. 1: 13-20.
58. **Akinwale, O.P.**, Nock, I.H. and Esievo, K.A.N. (1999). Effect of experimental. *Trypanosoma vivax* infection on the free serum sialic acid concentrations of three breeds of Nigerian goats. *Research Communications in Parasitology* Vol. 1. No. 1: 1-5.
59. **Akinwale, O.P.** (1999). Anaemia in African animal trypanosomiasis. *Applied Natural Sciences Research* Vol. 1. No. 1: 32-34.
60. **Akinwale, O.P.**, Nock, I.H., Esievo, K.A.N. and Edeghere, H.U.F. (1999). The effect of experimental *Trypanosoma vivax* infection and treatment on the packed cell volume of three breeds of Nigerian goats. *Nigerian Journal of Parasitology* Vol. 20: 27-32.
61. **Akinwale, O.P.**, Ashaolu, S.O. and Edungbola, L.D. (1995). Functional morphology of *Cyclopodia greeffi* (Karsch), an ectoparasite of the fruit bat, *Eidolon helvum* (Kerr). *Nigerian Journal of Parasitology* Vol. 16: 3-13.

#### CONTRIBUTIONS TO SCIENTIFIC MEETINGS/CONFERENCES

- Adebayo Peters, Meka Anthony, Anyim Moses and **Akinwale Pheabian**. Buruli ulcer in Nigeria. The journey so far (May 2012 – Dec 2016). WHO BU meeting, Geneva, Switzerland. March 20-22, 2017.
- Katharina Röltgen, Jean-Pierre Dangy, Nicole Scherr, Marie-Thérèse Ruf, Anita Dreyer, **Pheabian Akinwale**, Isra

- Cruz, Joseph M. Ndung'u and Gerd Pluschke. Update on the development of a rapid diagnostic test for Buruli ulcer. WHO BU meeting, Geneva, Switzerland. March 20-22, 2017.
- **Olaoluwa Pheabian Akinwale.** *Schistosoma haematobium* Transmission in Nigeria: A Molecular Approach. Symposium for International Research and Innovations in Schistosomiasis (SIRIS). Washington DC, USA, February 3 - 4, 2016.
  - **Olaoluwa P. Akinwale.** From Parasites to Parasites: A Parasitologist's Expedition. Distinguished Lecture Series. Nigerian Institute of Medical Research 6<sup>th</sup> Annual Scientific Conference, Lagos, Nigeria. November 10-12, 2015.
  - **Olaoluwa P. Akinwale,** Tang T. Hock, Fan Chia-Kwung, Qi Zheng, Shen Haimo, Charles Ezeh, and Pam V Gyang. Differentiating *Schistosoma haematobium* from *Schistosoma magrebowiei* and other closely related schistosomes by polymerase chain reaction amplification of a species-specific mitochondrial gene. The Gordon Research Conference: Tropical Infectious Diseases, Challenges, Opportunities and Successes. Galveston, Texas, USA. March 8-13, 2015.
  - **Akinwale, O. P.,** Mafe, M. A., Ezeugwu, S. M. C., Olukosi, Y. A., Adewale, B., Sulyman, M. A., Adeneye, A. K., Okwuzu, J., Gyang, P. V. and Ujah, I. A. O. Risk assessment of Buruli ulcer in Ogun state, Nigeria. Nigerian Institute of Medical Research 5<sup>th</sup> annual scientific conference, Abuja, Nigeria. November 11-13, 2014.
  - Pam V Gyang, **Olaoluwa P Akinwale,** Fan Chia-Kwung, Yueh-Lun Lee, Ting-Wu Chuang, Akwaowo B Orok, Olusola Ajibaye, Chien-Wei Liao, Po-Ching Chen, Chia-Mei Chou and Ying-Chie Huang. Seroprevalence, disease awareness, and risk factors for *Toxocara canis* infection among primary school children in Makoko an urban slum community in Nigeria. 13<sup>th</sup> Asian –Pacific Congress for Parasitic Zoonoses, Taipei Medical University, Taiwan, November 29-30, 2014.
  - Obaseki, D. E., Iyawe, D. U., Obahiagbon, I. **Akinwale, O. P.** Report of first case of fatal granulomatous amoebic encephalitis in Nigeria by polymerase chain reaction (PCR). Nigerian Medical Association 54<sup>th</sup> Annual General Meeting and Scientific Session, Benin City, Nigeria. April 27 - May 3, 2014.
  - **Akinwale, O. P.,** Adeneye, A. K., Oyefara, J. O., Adejoh, P. E., Musa, Z. A., Oyedeji, K. S. O., Sulyman, M. A., and Adeneye, A. A. Non-communicable diseases and preventable lifestyle risk factors in three Nigerian urban slums. Tenth International Conference on Urban Health, Belo Horizonte, Brazil. November 1 – 4, 2011.
  - **O. P. Akinwale,** V. N. Akpunonu, M. B. Ajayi, D. O. Akande, M. A. Adeleke, P. V. Gyang, M. O. Adebayo and A. A. Dike. Urinary schistosomiasis transmission in Epe, an urban community in southwest Nigeria. Ninth International Conference on Urban Health, New York, NY, USA. October 27 - 29, 2010.
  - **Akinwale, O. P.,** Laurent, T., Mertens, P., Leclipteux, T., Rollinson, D., Kane, R., Emery, A., Ajayi, M. B., Akande, D. O. Fesobi, T. W. Detection of schistosomes PCR amplified DNA by oligochromatographic dipstick. Twelfth International Congress of Parasitology (ICOPA XII), Melbourne, Australia. August 15 – 20, 2010.
  - **Akinwale, O. P.,** Adeneye, A. K., Omotola, B. D., Manafa, O. U., Idowu, E. T., Adewale, B., Sulyman, M. A. and Akande, D. O. Parental perception and practices on sexual health communication with their children in Lagos, Nigeria. The 8<sup>th</sup> International Conference on Urban Health, Nairobi, Kenya, August 2009.
  - **Akinwale, O. P.,** Adeneye, A. K., Sulyman, M. A., Idowu, E. T., Adewale, B., Manafa, O. U. and Mafe, M. A. Health care seeking behaviour of people in schistosomiasis endemic communities of Ogun and Niger states, Nigeria. The 13<sup>th</sup> International Conference of Women Engineers and Scientists (ICWES13), Seoul, Korea, November 2005.
  - **Akinwale, O. P.,** Nock, I. H., Esievo, K. A. N. and Olukosi, Y. A. Treatment failure in experimental *Trypanosoma vivax* infection of Sahel goats. COST B22 Congress: Drug development for parasitic diseases. Antwerp, Belgium, November 2004.

- Mafe, M. A., Appelt, B., Adewale, B., Idowu, E. T., **Akinwale, O. P.**, Adeneye, A. K., Manafa, O. U., Sulyman, M. A., Akande, D. O. and Omotola, B. D. Praziquantel delivery in mass treatment of schistosomiasis. Nigerian Society for Parasitology 27<sup>th</sup> Annual National Conference, Lagos, Nigeria, 2003.
- Woghiren, E. O., Adeoye, G. O. and **Akinwale, O. P.** Epidemiological survey of malaria and Loiasis among herdsmen at Oko Oba abattoir, Lagos State. The Nigerian Society for Parasitology 27<sup>th</sup> Annual National Conference, Lagos, Nigeria, 2003.
- Adeneye, A. K., **Akinwale, O. P.**, Idowu, E. T., Adewale, B., Manafa, O. U., Sulyman, M. A., Omotola, B. D., Akande, D. O., Mafe, M. A. and Appelt, B. Social aspects of drug delivery in schistosomiasis control: The Abeokuta experience. The Nigerian Society for Parasitology 27<sup>th</sup> Annual National Conference, Abuja, Nigeria, 2002.
- Mafe, M. A., Appelt, E., Mohammed, H., Adedoyin, J. A., Omojola, A., **Akinwale, O. P.**, Manafa, O. U., Adewale, B., Idowu, E. T., and Sulyman, M. A. Urinary schistosomiasis in Niger state. The Nigerian Society for Parasitology 26<sup>th</sup> Annual National Conference, Abuja, Nigeria, 2002.
- Omotola, B. D., Manafa, O. U., **Akinwale, O. P.**, Idowu, E. T., Sulyman, M., Adeneye, A. K., Akande, D. O. and Mafe, M. A. Comparative antropometric characteristics of school aged children infected with schistosomiasis in selected communities in Ogun state, Nigeria. Nutrition Society of Nigeria book of abstract, 2002.
- **Akinwale, O. P.** Immunology of African trypanosomiasis. The Nigerian Society for Immunology book of abstract, 2000.
- **Akinwale, O. P.**, Nock, H.I. and Esievo, K.A.N. Free serum sialic acid concentrations in Red Sokoto, Sahel and West African dwarf goats experimentally infected with *Trypanosoma vivax*. The Nigerian Society for Parasitology 23<sup>rd</sup> Annual National Conference, Abubakar Tafawa Balewa University, Bauchi, Nigeria, 1999.
- **Akinwale, O. P.** and Ashaolu, S. O. (1991). The life cycle of *Cyclopodia greeffi* (Karsch), an ectoparasite of the fruit bat *Eidolon helvum* (Kerr). The Nigerian Society for Parasitology 15<sup>th</sup> Annual National Conference, Obafemi Awolowo University, Ile-Ife, Nigeria.
- **Akinwale, O. P.** and Ashaolu, S. O. The parasitological adaptation of *Cyclopodia greeffi* (Karsch), an ectoparasite of the fruit bat *Eidolon helvum* (Kerr). The Nigerian Society for Parasitology 14<sup>th</sup> Annual National Conference, Bayero University, Kano, Nigeria, 1990.
- Edeghere, H. U. F, Falope, O. O, Lawani, F. A. G, Elhassan, E. O, Omotainse, S. O, Abenga, J, Osue, H. O, Sanda, S. A. U, **Akinwale, O. P.**, Uduebho, M. O. and Ikenga, M. A. Effects of chemotherapy on reproductive lesions in Nigerian (Yankassa) sheep experimentally infected with *Trypanosoma brucei brucei*, *Trypanosoma congolense* and *Trypanosoma vivax*. International Foundation for Science Project B-1130 report, 1990.

#### CONFERENCES, TRAINING, WORKSHOPS AND MEETINGS ATTENDED

- The Nigerian Society for Parasitology 14<sup>th</sup> Annual National Conference, Bayero University, Kano, Nigeria, September, 1990.
- The Nigerian Society for Parasitology 15<sup>th</sup> Annual National Conference, Obafemi Awolowo University, Ile-Ife, Nigeria. September, 1991.
- The Nigerian Society for Parasitology (Lagos / Ogun branch). Seminar on Current trends in the control of parasitic diseases. Lagos, Nigeria, September, 1999.
- WHO/ Federal Ministry of Health Advocacy Seminar on Male involvement/Participation in Reproductive Health,

Lagos, Nigeria, November, 1999.

- The Nigerian Society for Immunology National Scientific Conference on Update on HIV/AIDS and Opportunistic Infections, Lagos, Nigeria, November, 2000.
- Introduction to Geographic Information System (GIS) and its use in the Epidemiological survey of Tropical Diseases. Sponsored by The German Technical Group (GTZ), Lagos, Nigeria, February – March, 2000.
- Workshop on enhancing the decision-making process in Lagos State civil service through Geographic Information System (GIS) Technology. Sponsored by The Lagos State Government, Lagos, Nigeria, March, 2000.
- The Monitoring and Evaluation of Adolescent Reproductive Health Programs training workshop. Sponsored by FOCUS, USA. Abuja, Nigeria, February, 2001
- Community Health Information Education Forum workshop on The Impact of Information and Education on Community Health, Lagos, Nigeria, August, 2001.
- The Nigerian Society for Parasitology (Lagos) Symposium on the Control of Parasitic Diseases through Environmental Management, Lagos, Nigeria, November, 2001.
- The Nigerian Society for Parasitology 26<sup>th</sup> Annual National Conference, Abuja, Nigeria, October, 2002.
- The Filaria/Schistosome Genome Network Joint Meeting. Belo Horizonte, Minas Gerais, Brazil. August, 2003.
- The British Society for Parasitology Autumn Symposium. The application of genomic technology to the combat of parasitic disease. Piccadilly, London, UK. November, 2003.
- Research training in molecular biology techniques. Biomedical Parasitology Division, Department of Zoology, Natural History Museum, London, UK. November – December, 2003.
- The Filaria/Schistosome Genome Network Joint Meeting. NIAID, Rockville, Maryland, USA. August, 2004.
- COST B22 Congress: Drug development for parasitic diseases. Antwerp, Belgium. November, 2004.
- Research Methods Course in Sexual and Reproductive Health and HIV. University of the Witwatersrand, Johannesburg, South Africa. July – August, 2005.
- The 13<sup>th</sup> International Conference of Women Engineers and Scientists (ICWES13). Seoul, Korea. August, 2005.
- UNICEF/UNDP/World Bank/WHO/TDR Training on Effective Project Planning and Evaluation in Biomedical Research. Nigerian Institute of Medical Research, Yaba, Lagos, Nigeria. October, 2005.
- UNICEF/UNDP/World Bank/WHO/TDR Fifth Workshop on South-South Collaboration and Application of Molecular Biology Techniques in Tropical Diseases, Bangkok, Thailand. October, 2005.
- Research/Training at the Laboratório de Imunologia Celular e Molecular, Centro de Pesquisas René Rachou, Fundação Oswaldo Cruz, FIOCRUZ. Belo Horizonte, MG, Brazil. March – April, 2006.
- The New England Biolabs 21<sup>st</sup> Summer Workshop in Molecular Biology. Clark Science Center, Smith College, Northampton, Massachusetts, USA. July – August, 2006.
- Bioinformatics and Comparative Genome Analysis Course. Institute Pasteur of Tunis, Tunisia. March – April, 2007.
- Research training at the Wolfson Wellcome Biomedical Laboratories, Zoology Department, Natural History Museum, London, UK. September – October, 2007.
- The Linnean Society of London symposium on Natural History of Host-Parasite Interactions. Linnean House, London, UK. September, 2007.
- Working with Human Genome Sequences workshop. KEMRI - Wellcome Trust, Kilifi, Kenya. October, 2007.
- In-House Management Training Workshop for Heads of Divisions and senior staff of the Nigerian Institute of Medical Research. November, 2007.
- Research visit to the Wolfson Wellcome Biomedical Laboratories, Zoology Department, Natural History Museum, London, UK. June - August, 2008.
- Advanced Methods for Phylogenetic Analysis of Molecular Sequences Course, Rio de Janeiro, Brazil. March 2009.
- Research visit to the Wolfson Wellcome Biomedical Laboratories, Zoology Department, Natural History Museum, London, UK. June – July, 2009.
- The eighth International Conference on Urban Health (ICUH 8), Nairobi, Kenya, October 18 – 23, 2009.
- Monitoring and Evaluation Workshop, Nairobi, Kenya, October 21 – 22, 2009.
- IANPHI-THL Summer School “Role and Function of a Comprehensive National Public Health Institute”, National Institute for Health and Welfare (THL), Helsinki, Finland, June 7 – 11, 2010.

- International Congress of Parasitology (ICOPA XII), Melbourne, Australia, August 15 – 20, 2010.
- The ninth International Conference on Urban Health (ICUH 9), New York, USA, October 24 – 26, 2010.
- The tenth International Conference on Urban Health (ICUH 10), Belo Horizonte, Brazil, November 1 - 4, 2011.
- The Nigerian Cochrane Contributors' Meeting/GRADEPro Workshop. Calabar, Nigeria. July 9 – 11, 2012.
- Research visit to Universiti Sains Malaysia (USM), Malaysia. September - December, 2012.
- The 4th Grantees and 2nd African Research Network for Neglected Tropical Diseases (ARNTD) General Assembly Meeting. Hamburg, Germany. October 20 - 23, 2014.
- Intellectual Property Management in Research and Development Workshop, New York, USA. November 4 - 5, 2014.
- The World Intellectual Property Organization (WIPO) Re: Search Annual Meeting. New York, USA. November 6, 2014.
- The Gordon Research Conference on Tropical Infectious Diseases, March 8 -13, 2015, Galveston, Texas, USA.
- Control strategies for infectious and non-communicable diseases. KIT Royal Tropical Institute, Amsterdam, the Netherlands. May 18 -June 10, 2015.
- The World Intellectual Property Organization (WIPO) Re: Search Global Health Meetings. Geneva, Switzerland. October 27 -30, 2015.
- The Nigerian Institute of Medical Research 6<sup>th</sup> Annual Scientific Conference, Lagos, Nigeria. November 10-12, 2015.
- The 5th Grantees and 3rd African Research Network for Neglected Tropical Diseases (ARNTD) General Assembly Meeting. Blantyre, Malawi, November 17 - 19, 2015.
- The Symposium for International Research and Innovations in Schistosomiasis (SIRIS). Washington DC, USA, February 3 - 4, 2016.
- WHO Meeting on Buruli ulcer. Geneva, Switzerland, March 20 – 22, 2017.
- National Health Research Capacity Strengthening Workshop. Abuja, Nigeria, September 6 - 7, 2018.
- Annual meeting of the Royal Society of Tropical Medicine and Hygiene (RSTMH), Royal College of Physicians, London, UK, September 19 - 20, 2018.
- Train The Trainer and Curriculum Development Workshop on Grantsmanship and Mentorship Programme. Lagos, Nigeria. January 29 – 31, 2019.
- WHO Meeting on Buruli ulcer. Geneva, Switzerland, March 25–27, 2019.
- First WHO Meeting of the Network of Buruli ulcer PCR Laboratories in the WHO African Region. Yaoundé, Cameroon, October 21-24, 2019.
- The Nigerian Institute of Medical Research 6<sup>th</sup> International Scientific Conference, Lagos, Nigeria. November 12 to 14, 2019.
- EDCTP Network meeting. Africa CDC, Africa Union Headquarters, Addis Ababa, Ethiopia, November 19-20, 2019.

## **SERVICES (INSTITUTION, UNIVERSITY AND SOCIETY)**

- Reviewer, postgraduate seminars, Department of Medical Microbiology and Parasitology, College of Medicine, University of Lagos, Lagos 2005 – 2015.
- Reviewer, Journal of World Health and Population, 2007 - 2012.
- Reviewer, International Journal of Medicine and Medical Sciences, 2009 - 2014.
- Reviewer, Journal of Public Health and Epidemiology, 2009 – 2010.
- Reviewer, Memórias do Instituto Oswaldo Cruz, 2009 – 2010.
- Member, Editorial Board, Nigerian Journal of Clinical and Biomedical Research, 2009 - Date.
- Member, Editorial Board, Pharma News, 2000 – 2004.
- Member, Editorial Board, Tropical Parasitology, 2010 - 2012
- Matron, Biological Science Students' Association, University of Agriculture, Abeokuta, Nigeria 2005 - 2010.
- Member, National Reproductive Health Research Committee in Nigeria, 2001 – 2003.
- Member, Senior Management Committee, NIMR, 2006 - date.
- Head, Public Health Division, Nigerian Institute of Medical Research (NIMR) 2006 - 2011.
- Member, Finance Committee, NIMR, 2006 - 2011.

- Member, Appointment and Promotions Committee (Scientific), NIMR, 2007 - 2011.
- Member, Appointment and Promotions Committee (Technical and Administration), NIMR, 2011 - 2015.
- Chairman Due Process Monitoring Committee (Scientific supplies), NIMR, 2007 - 2011.
- Member, NIMR Institutional Review Board 2008 – 2016.
- Member, Committee for Compilation of Management Guidelines for the Human Virology Laboratory, NIMR, 2008 - 2009
- Member, Research and Training Assessment Committee, NIMR, February 2009 – 2010.
- Chairman, Scientific Committee, 2<sup>nd</sup> Annual NIMR Scientific Conference on Health Research in Nigeria, 2009.
- Head, Neglected Tropical Diseases Research Group, NIMR, 2012 - Date.
- Chairman, Staff Remunerations Evaluation Committee, ASURI NIMR, 2013
- Chairman, NIMR Scientific Committee, 2016 - Date
- Chairman, NIMR National Retreat Planning Committee, 2016 - Date.
- Member, Appointment, Promotion and Disciplinary Committee (Senior), NIMR, 2011 – Date.
- Expert Reviewer, the European and Developing Countries Clinical Trials Partnership (EDCTP), 2017 - Date.
- Temporary Adviser to the World Health Organization (WHO): Buruli ulcer expert, 2017, 2019.
- Reviewer, African Field Epidemiology Network (AFENET) Scientific Conference, 2015 - Date.
- Reviewer, African Research Network for Neglected Tropical Diseases (ARNTD) internal Small Grants Program, 2018 - Date.
- Vice Chairman, Local Organizing Committee, First National Conference on Neglected Tropical Diseases and Control in Nigeria, 2019.
- Member, Lagos State Advisory Committee on Neglected Tropical Diseases (LA-SACON). April 2019 – Date.
- External Accessor, Doctoral School of Health Sciences, University of Debrecen, Hungary, 2019.
- Reviewer, the Lancet, 2020.

## **MEMBERSHIP OF SCIENTIFIC SOCIETIES AND ORGANIZATIONS**

- Fellow, Commonwealth Science Council (CSC) scholarship
- Fellow, Royal Society of Tropical Medicine and Hygiene (RSTMH)
- Fellow, African Scientific Institute.
- Member, Third World Organization of Women in Science (TWOWS)
- Member, International Network of Women Engineers and Scientists (INWES)
- Member, Nigerian Society for Parasitology and Public Health.
- Member, American Society of Parasitologists.
- Member, International Society for Urban Health (ISUH).
- Member/Author, Cochrane Collaboration Depression, Anxiety and Neurosis Group (CCDAN) the Cochrane Collaboration, UK.
- Member, the Systematics Association, UK.
- Member, the International Society for Neglected Tropical Diseases (ISNTD).
- Member, African Research Network for Neglected Tropical Diseases (ARNTD).
- Member, World Intellectual Property Organization (WIPO | Re: Search).