

# CURRICULUM VITAE

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**Dr. Babatunde Adewale**

BSc; MSc (Ilorin); Ph.D (Lagos); MSocSc (UKZN)

**Deputy Director of Research**

Public Health & Epidemiology Department,

Nigerian Institute of Medical Research

6, Edmund Crescent

Yaba, Lagos

## CURRICULUM VITAE

- I. **1. Name:** Dr Babatunde ADEWALE  
**2. Contact:** Public Health & Epidemiology Dept, Nigerian  
Institute of Medical Research 6, Edmund Crescent Yaba,  
Lagos. E – mail: [badewale@hotmail.com](mailto:badewale@hotmail.com); Phone:  
08072775897  
**3. Present Post (with date):** Deputy Director / 1<sup>st</sup> January, 2016

### II. University Education (with Dates)

MSocSc	University of KwaZulu- Natal South Africa	2009
Ph.D	University of Lagos, Lagos Nigeria	1997 – 2003
M.Sc	University of Ilorin, Ilorin, Nigeria	1990 – 1992
B.Sc	University of Ilorin, Ilorin, Nigeria	1985 – 1989

### III. Academic Qualifications (with Dates and Granting Bodies)

MSocSc Research Ethics	University of KwaZulu- Natal South Africa	April, 2013
Ph.D Medical Parasitology	University of Lagos, Lagos Nigeria	June, 2003
M.Sc Medical Parasitology	University of Ilorin, Ilorin Nigeria	Dec., 1992
B.Sc Zoology	University of Ilorin, Ilorin Nigeria	Aug., 1989

### IV. Professional Qualifications, Certificates and Diplomas (with dates)

International Course in Applied Epidemiology: Rollins School of Public Health at Emory University and Centers for Disease Control and Prevention (CDC) September 30 – October 25, 2002  
The Intensive Bioethics Course, XXV: Joseph P. and Rose F. Kennedy Institute of Ethics. June 1 – 5, 2009

### VI. Scholarship(S)/Fellowships and Travel Grants

1998	WHO FELLOWSHIP; Training on the use of DNA probes for identification of <i>Onchocerca species</i> and monitoring transmission of human Onchocerciasis at the OCP laboratory, Bouake, Cote D'Ivoire.
2002	The Rollins School of Public Health at Emory University and The Centers for Diseases Control and Prevention certificate on International Course in Applied Epidemiology held from September 30 to October 25, 2002 in Atalanta Georgia, USA
2004	Harvard School of Public Health SCHOLARSHIP; Workshop on Ethical Issues in International Health Research at the Harvard School of Public Health, Boston, USA, June 14 – 18, 2004.
2005	SWISS AGENCY FOR DEVELOPMENT AND COOPERATION FELLOWSHIP; Short Course on Surveillance of Communicable Diseases at the Swiss Tropical Institute, Basel. Switzerland. 24 <sup>th</sup> October – 4 <sup>th</sup> November, 2005.
2006	SWISS AGENCY FOR DEVELOPMENT AND COOPERATION

FELLOWSHIP; Advanced Module on Health District Management: Planning and Programme Design. Organized by The Swiss Tropical Institute from 13<sup>th</sup> November – 1<sup>st</sup> December, 2006 in Ifakara, Tanzania.

- 2008 KEYSTONE SYMPOSIA TRAVEL GRANT; Keystone Symposia Translating New Technologies to Improve Public Health in Africa May 15 – 20, 2008 Speke Resort and Conference Centre Kampala, Uganda.
- 2009 SOUTH AFRICAN RESEARCH ETHICS TRAINING INITIATIVE FELLOWSHIP; University of Pretoria / University of KwaZulu Natal South Africa and Johns Hopkins University Baltimore USA. January 12 – October 19, 2009.
- 2013 MULTILATERAL INITIATIVE ON MALARIA (MIM) TRAVEL GRANT; 6<sup>th</sup> Pan-African Malaria conference: Moving Towards Malaria Elimination: Investing in Research and Control 6 – 11 October, 2013 International Convention Centre Durban, South Africa
- 2016 EUROPEAN AND DEVELOPING COUNTRIES CLINICAL TRIALS PARTNERSHIP (EDCTP) TRAVEL GRANT; 8<sup>th</sup> EDCTP Forum 6 – 9 November, 2016. Lusaka, Zambia.
- 2018 NEW YORK UNIVERSITY ABU DHABI TRAVEL GRANT; First Workshop on Parasitic Nematodes. 4 – 6 January, 2018 Centre for Genomics and Systems Biology NYUAD, UAE.

**Research Grants:**

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|-----------------------------------|---|
| i. <b>March, 2022 – Present</b>   | Safety and Antimicrobial Resistance of Mass Administration of Azithromycin in Children 1 – 11 Months in Nigeria (SARMAAN) |
| <b>Status</b>                     | <b>Ongoing</b>  |
| <b>Grant Source</b>               | Bill and Melinda Gates Foundation through Sightsavers   |
| <b>Role</b>                       | Co-Investigator   |
| <b>Project Value</b>              | <b>₦1.4b</b>  |
| ii. <b>August, 2021 – Present</b> | Individual and Community Factors in the Utilization of Health Insurance Scheme in Lagos State, Nigeria                    |
| <b>Status</b>                     | <b>Ongoing</b>  |
| <b>Grant Source</b>               | African Health Observatory Platform (AHOP) on Health Systems  |
| <b>Role</b>                       | Principal Investigator  |
| <b>Project Value</b>              | <b>\$6,000.00</b>   |
| iii. <b>June – October, 2020</b>  | Investigating the Impact of trachoma Programs in  |

<p>Grant Number- <b>Status</b> Grant Source</p>	<p>Nigeria and Implications for Childhood Mortality OPP1191418 <b>Completed</b> Bill and Melinda Gates Foundation Through Sightsavers</p>
<p>Role: <b>Project value:</b></p>	<p>Principal Investigator <b>N16,000,000.00</b></p>
<p>iv. <b>April, 2019 – Present</b></p>	<p>Evaluation of Immune Status, Microbial Composition, and Parasite Infection in School-Age Children</p>
<p><b>Status:</b> Grant source:</p>	<p><b>Completed</b> University of Pennsylvania Herbert laboratory</p>
<p>Role: <b>Project Value:</b></p>	<p>Principal Investigator <b>\$23,342</b></p>
<p>v. <b>November, 2020</b></p>	<p>Comparability of detection of body temperature readings from two different parts of human body as a symptoms of fever during the Covid-19 pandemic</p>
<p><b>Status:</b> Grant Source:</p>	<p><b>Completed</b> NIMR</p>
<p>Role: <b>Project Value:</b></p>	<p>Principal Investigator <b>N500,000</b></p>
<p>vi. <b>May, 2007 – 2009</b></p>	<p>Study on “Nigeria-Benin Blackfly Cross-border Movements and its Possible incidence on the Epidemiology of Onchocerciasis”</p>
<p><b>Status:</b> Grant Source:</p>	<p><b>Completed</b> WHO / APOC</p>
<p>Role: PI: <b>Project Value:</b></p>	<p>Co-Investigator Prof. Chiedu F. Mafiana <b>\$33,468.18</b></p>
<p>vii. Jan. 2010 – Dec. 2011</p>	<p>Study on “Assessment of Participants’ Understanding and Voluntariness of Informed Consent in a Clinical Trial in Nigeria”</p>
<p><b>Status:</b> Grant Source:</p>	<p><b>Completed</b> SARETI (Sub-recipient to SARETI R25TW001599)</p>
<p>Role: <b>Project value</b></p>	<p>Principal Investigator <b>R10,000</b></p>

viii. Jan. 1994 – Oct.1994:	Development of Rapid Methods for Monitoring Mectizan Distribution. Part of a multi centre study. Sponsored by Federal Ministry of Health and social Services (NOCP/OORC), World Health Organization and Tropical Disease Research (WHO/TDR).
Grant source:	WHO/TDR/NOCP/FMOH
Role:	Co-Investigator
PI:	Dr. Margaret A. Mafe
<b>Status:</b>	<b>Completed</b>
<b>Project value:</b>	<b>\$10,000</b>

**VII. Honour(s) / Distinction(s)**

**Honour(s):** Distinguished Lecturer 9<sup>th</sup> Distinguished Lecture Series Nigerian Institute of Medical Research. Titled: “End of the Road Disease: From Control to Elimination” NIMR Main Auditorium on 13<sup>th</sup> November, 2019

**VIII. Details Of Supervision / Work / Research Experience**  
**Details of Supervision**

1. Akinsiku Samuel PREVALENCE OF PLASMODIUM FALCIPARUM INFECTION AMONG STUDENTS OF TERTIARY INSTITUTION IN IWO, OSUN STATE- **B.SC ZOOLOGY Bowen University 2012**
2. Funmilola Adeneye KNOWLEDGE, ATTITUDE AND PRACTICE OF HEALTH INFORMATION MANAGERS ON RECORDS STORAGE AND RETRIEVAL IN SOME SELECTED GENERAL HOSPITALS IN LAGOS STATE, NIGERIA – **B.SC HEALTH INFORMATION MANAGEMENT Houdegbe North American University Republic of Benin 2014**
3. Seide Tudonu MALARIA IN PREGNANCY- KNOWLEDGE, ATTITUDE AND PRACTICE OF PREGNANT WOMEN ON THE USE OF HERBAL REMMEDIES IN THE TREATMENT OF MALARIA – **M.Sc Zoology (Parasitology Option) University of Lagos 2016**
4. Rahman Nurudeen: CO-INFECTION OF MALARIA AND SOIL TRANSMITTED HELMINTHS AMONG PREGNANT WOMEN ATTENDING ANTE-NATAL CLINIC IN LAGOS – **M.Sc Zoology University of Lagos 2017**

5. Olasanmi Mayowa PROTOZOAN INFECTIONS AND RISK FACTORS AMONG PREGNANT WOMEN IN LAGOS- M.Sc Zoology University of Lagos 2017
6. Dimeji Lawal INFECTIVITY AND BITING PATTERN OF S.DAMNOSUM SL IN AN AGRARIAN COMMUNITY 10 YEARS POST IVERMECTIN TREATMENT – **M.Sc Zoology University of Lagos 2018**
7. Azeez Oloyede MAPPING RISK FACTORS OF SCHISTOSOMIASIS IN THE SELECTED COMMUNITIES IN NIGER STATE USING REMOTE SENSING AND GEOGRAPHIC INFORMATION SYSTEM TECHNIQUES-M.Sc **Geography (Remote Sensing Option) University of Lagos 2019**
8. Ugwuzor Chinwe Jessica INVESTIGATING ANTIPLASMODIAL ACTIVITY ON CRUDE EXTRACTS OF THREE SELECTED INDIGENOUS PLANT SPECIES IN KANO STATE, NIGERIA **Ph.D Botany University of Lagos 2018**

## **IX. Work / Research /Teaching Experience**

### **Research Experience**

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

Jan. 2010 – Dec. 2011	Study on “Assessment of Participants’ Understanding and Voluntariness of Informed Consent in a Clinical Trial in Nigeria”
Role:	Principal Investigator (Sub-recipient to SARETI R25TW001599)
Status:	Completed
May, 2007 – 2009	Study on “Nigeria-Benin Blackfly Cross-border Movements and its Possible incidence on the Epidemiology of Onchocerciasis” APOC/WHO sponsored.
Grant Source:	WHO / APOC
Role:	Co-Investigator
PI:	Prof. Chiedu F. Mafiana
Status:	Completed
March, 2004 – Dec, 2005.	Community-Directed Interventions (CDI) to Major Health Problems in North Eastern Nigeria.
Grant Source:	WHO / TDR
Role:	Co-Investigator

PI: Prof. Oladele B. Akogun

Status: Completed

Jan. 2003- Dec. 2003. Drug Delivery in Schistosomiasis Control in endemic Communities in Niger and Ogun states, Nigeria. Research was carried out to determine the most effective approach for the delivery of Praziquantel in Schistosomiasis control in Nigeria.

March 2002: Rapid Assessment of Onchocerciasis in Niger State. Cases were identified in different Local Government Areas of Niger State and endemicity of the disease was determined using clinical manifestations of the disease. A report Submitted to GTZ/LAFIA PHC Project- German Technical Cooperation.

Sept.2001 – Dec.2001: Evaluation of Schistosomiasis Activity. Reagent Strips were used to determine the prevalence of schistosomiasis in selected elementary schools. A report submitted to GTZ/LAFIA PHC Project- German Technical Cooperation.

Jan.1999 – Sept.1999: An Evaluation of Community Directed Treatment with Ivermectin (CDTI) in Borgu Local Government Area Niger State. A report submitted to GTZ/LAFIA PHC Project Borgu/Agwarra.

March 1996 – Oct. 1996: Community Self Treatment with Mectizan Sponsored by World Health Organization and Tropical Disease Research WHO/TDR. Trained Health Workers and Community Distributors on mode of distribution of Ivermectin and management of side effects of ivermectin- a drug intervention programme for blindness.

Grant Source: WHO / TDR

Role: Co-Investigator

PI: Dr Margaret A. Mafe

Status: Completed

Jan. 1994 – Oct.1994: Development of Rapid Methods for Monitoring Mectizan Distribution. Part of a multi centre study. Sponsored by Federal Ministry of Health and social Services (NOCP/OORC), World Health Organization and Tropical Disease Research (WHO/TDR).

Grant source: WHO/TDR/NOCP/FMOH

Role: Co-Investigator

PI: Dr. Margaret A. Mafe

Status: Completed

**(b) In Progress**

April, 2019 – Present Evaluation of Immune Status, Microbial Composition, and Parasite Infection in School-Age Children

Status: In Progress  
Role: Principal Investigator

Jan. 2017 – Present Pool Screening of *Simulium damnosum sl.* 10 years Post Ivermectin treatment Around Owena dam in Ondo State  
Status: In Progress

Dec. 2016 – Present Role of Female Genital Schistosomiasis in the Transmission of HIV and *Trichomonas vaginalis* in rural Communities in Nigeria

Jan. 2014 – Present Appraisal of Health Insurance Schemes in Nigeria

**Teaching Experience**

Aug. 2011 – July 2012: BOWEN University Iwo, Nigeria. **Senior Lecturer (Sabbatical leave)**

Nov.2011 – July, 2012 Faculty Representative on the Board of Post-Graduate School Bowen University, Iwo

Aug.2011 – July, 2012 Member, Biological Sciences Department Post-Graduate Committee. Bowen University, Iwo

Jan. 2012 – July,2012 Member, Pre-degree Programme Committee. Bowen University, Iwo

**Courses taught by level include:**

**100 Level: The Vertebrate Body:** Structures and Functions of organs and organ systems in the vertebrates. Integumentary Circulatory, Muscular, Skeletal, Respiratory, Digestive, Reproductive, Urinary, Endocrine and Nervous systems.

**200 Level: Basic Chordate Zoology:** Biology of selected members of hemichordates, urochordates and cephalochordates.

**Basic Invertebrate Zoology:** General overview of invertebrate animals. Biology of selected members of Protozoans, Cnidarians, platyhelminths, Nematodes, Annelids Arthropods, and Molluscs.

**300 Level: The Arthropods;** The diversity and general characteristics of the onychophorans, diplopods, chilopods and arachnids.

**Principles of Animal Parasitology;** Basic principles and



definition of parasitology. Basic concepts on response to parasitic infections. The general concept of parasitism. Host-parasite relationship. General morphology, life-cycles, adaptations and classifications of protozoan, platyhelminth and nematode parasites.

**400 Level:** **Applied Entomology:** Biology of pests of economic, agricultural, veterinary, medical and household importance.

**Parasitology:** The biology of parasites that cause diseases in man and his domestic animals. Epidemiology of diseases. Control of parasites and parasitic diseases. Control of vectors and intermediate hosts. Integrated control.

**Animal Behaviour:** The concept of animal behavior. Instinct and intelligence. Feeding behavior, Social life, Courtship and mating, territoriality, and migration.

**Wildlife Management and Conservation:** Principles of wildlife management and policies. The wildlife resources of Nigeria. Structure and organization of Game Reserves and National parks in Nigeria. Dynamics of wildlife populations and techniques for their investigation.

#### **DISSERTATION AND THESIS**

- i. B.Sc Dissertation 1989: Helminth Parasites of *Agama agama* in Unilorin Campus
- ii. M.Sc Thesis 1992: Pattern, Intensity, and Ocular Manifestations of *Onchocerca volvulus* in Oke-Ere Community Kogi State
- iii. Ph.D Thesis 2003: Onchocerciasis: The Impact of Ivermectin Treatment on the Transmission Potential of *Simulium damnosum sl.* In a Forest Zone of Western Nigeria
- iv. MSocSc Thesis 2013: Assessment of Participants' Understanding and Voluntariness of Informed Consent in a Clinical Trial in Nigeria

#### **MAJOR ACADEMIC – RELATED SERVICES TO THE NATION OUTSIDE THE UNIVERSITY SYSTEM**

- |   |  |
|---|--|
| 9 <sup>th</sup> – 12 <sup>th</sup> March, 2020    | Organized and Facilitated a 4 day Intensive workshop attended by Health Professionals across the country on “Current Techniques in Effective Laboratory Diagnosis of Neglected Tropical Diseases”. Workshop was declared open by the Honourable Minister of State for Health Senator Olorunnimbe Mamora. |
| 26 <sup>th</sup> May – 7 <sup>th</sup> June, 2019 | Epidemiological Evaluation of Onchocerciasis in Ebonyi State. Consultant to Federal Ministry of Health<br><b>Role:</b> Consultant  |

- 22<sup>nd</sup> – 31<sup>st</sup> Oct., 2013      National Onchocerciasis Control Programme  
Federal Ministry of Health Pre-evaluation visit to 10 LGAs of Oyo  
State for Epidemiological Evaluation of Onchocerciasis  
**Role:** Consultant
- 24<sup>th</sup> Oct. – 18<sup>th</sup> Nov., 2012      WHO/ African Programme for Onchocerciasis  
Control for Mission to Plateau Nassarawa plus other localities in Nigeria.  
**Role:** Temporary Advisor
- 2013 – 2015      National Health Research Ethics Committee  
(NHREC) for Facilitation of trainings for Members of ethics  
Committees across the Country.  
**Role:** Consultant
- 2007 - 2014      MPhil/Ph.D written and Oral Seminar  
Presentations. Department of Medical Microbiology and  
Parasitology, College of Medicine University of Lagos.  
**Role:** External Assessor
- 20<sup>th</sup> -31<sup>st</sup> March, 2007      WHO/ African Programme for Onchocerciasis  
Control for Mission in Abeokuta Ogun State, Nigeria.  
**Role:** Temporary Advisor
- 2002      German Technical Group (GTZ) on the Geographical Mapping of  
Schistosomiasis in Niger State, Nigeria.  
**Role:** Short term Consultant

## PUBLICATIONS

### X. PUBLICATIONS

#### Books Published

1. **“END OF THE ROAD DISEASE: FROM CONTROL TO ELIMINATION”** By **Babatunde Adewale** ISBN: 978-978-977-600-9 Copyright© 2019, Adewale, B.
2. **“INVESTIGATING THE IMPACT OF TRACHOMA PROGRAMS IN NIGERIA AND IMPLICATIONS FOR CHILDHOOD MORTALITY”** Edited by: **Dr. Babatunde Adewale**, Dr. Adesola Z. Musa, Dr. Abideen O. Salako, Dr. Kazeem A. Osuolale, Mr. Adewale K. Ojogbede ISBN: 978-978-989-485-7 Copyright© 2020 NIMR

#### Article(s) Appeared in Refereed Conference Proceedings

1. **Adewale, B.**, Adedeji, A., Folorunsho, S., Demehin, P., Akinsanya, B. (2017). Soil-transmitted helminth infections and risk factors among primary school pupils in Lagos, Nigeria. *BMJ Glob Health* 2017 2: A61-A62 doi: 10.1136/bmjgh-2016-000260.165
2. Akinwale, O., Adeneye, A., Ezeugwu, S., Olukosi, Y., **Adewale, B.**, Sulyman, M., Mafe, M., Okwuzu, J., Gyang, P. (2017). Modifiable Risk Factors of Buruli ulcer in Communities of two Endemic Local Government Areas of Ogun State, Nigeria. *BMJ Glob Health* A59 doi: 10.1136/bmjgh-2016-000260.157
3. **Adewale, B.**, Uwalaka, C., Rahman, O., Gambari, A. (2020). Challenges of Recruiting and Retaining African Women in HIV Vaccine Clinical Trials. *MDPI* doi: 10.3390/proceedings2020045001.
4. Uwalaka, C., Abanobi, OC., **Adewale, B.** (2020). Patterns of Malaria Morbidity and Environmental Conditions in the Otamiri River Basin of Nigeria: A Case Study of Ihiagwa Community, Imo State. *MDPI* doi: 10.3390/proceedings2020045005.

#### Articles In Learned Journals

1. **Adewale, B.**, Mafe, M.A. And Sulyman, M.A. (1997). Impact of Guineaworm disease on Agricultural Productivity in Owo L.G.A. Ondo State. *West African Journal of Medicine* 13 (3): 75 - 79. PMID: 9257540
2. **Adewale, B.**, Mafe, MA. and Oyerinde, JPO (1997). Onchocerciasis in Forest Zone of Nigeria. *Nigerian Journal of Medical Research*. Vol.1 No 4 pp 70 - 73.
3. Mafe, MA., **Adewale, B.**, Idowu, ET., Mafe, AG. and Ogungbemi, MA (1997). Comparison of Praziquantel with Albendazole in the treatment of Schistosomiasis associated with

- multiple intestinal helminthiases in Nigerian Children. Nigerian Journal of Medical Research. Vol.1 No. 3 pp 52 - 55.
4. Sulyman, MA., **Adewale, B.**, and Mafe, MA (1998). Sociocultural effect of Guineaworm infection on women in Ondo State of Nigeria. Social Sciences Research Communications Vol. 1 pp 31-35.
  5. Ajayi, MB., **Adewale, B.**, Akande, OD., and Onyenefa, P.C. (1999): Cases of Male infertility in Lagos: Any link with *Trichomonas vaginalis*? Applied Natural Sciences Research 1(1): 22-25.
  6. **Adewale, B.**, Mafe, MA., and Oyerinde, JPO (1999). Infectivity and Transmission dynamics of *Simulium damnosum sl* around Owena dam (Ondo-State). West African Journal of Medicine. Vol.18 No.4 pp257- 260
  7. Idowu ET., **Adewale B.**, Mafe, MA., Bamigbose, A (2004). Endemicity of onchocerciasis in some Local Government Areas of Niger State. African Journal of Medicine and Medical Science 33: 31 – 34.
  8. Akinwale, OP., Manafa, OU., **Adewale, B.**, Idowu, ET., Sulyman, MA., Adeneye, AK., Olukosi, YA., Fesobi, T., Ajala, HOT., Akande, DO (2004). Knowledge, Attitude, Belief and Practices of Religious Leaders in Lagos State on Human Immuno-Deficiency Virus/Acquired Immune- Deficiency Syndrome. Medipharm Medical Journal 2: 11 – 14.
  9. **Adewale, B.**, Oyerinde, JPO., Mafe, MA (2004). *Onchocerca volvulus*: Effects of Annual Treatment with Ivermectin on Prevalence and Intensity of Infection. Nig. Qt. J. Hosp. Med. 14: 211 – 216.
  10. Akinwale, OP., Adeneye, AK., Sulyman, MA., Idowu, ET., **Adewale, B.**, Manafa, OU., Mafe, MA (2004). Health seeking behaviour of people in schistosomiasis endemic communities of Ogun and Niger states, Nigeria. Nigerian Journal of Parasitology vol. 25. pp 121 – 126
  11. Mafe, MA., Appelt, B., **Adewale, B.**, Idowu, ET., Akinwale, OP., Adeneye, AK., Manafa, OU., Sulyman, MA., Akande, OD., Omotola, BD (2005). Effectiveness of different approaches to mass delivery of praziquantel among school-aged children in rural communities in Nigeria .Acta Tropica 93: 181 – 190.
  12. **Adewale, B.**, Mafe, MA., Oyerinde, JPO (2005). Identification of Forest strain of *Onchocerca volvulus* using the Polymerase Chain Reaction technique. West African Journal of Medicine 24 (1): 21 – 25.
  13. Adu, OB., Omale, HU., Salisu, O., Yussuf, SO., **Adewale, B.**, Magbagbeola, AO., Akinwande, I. (2006). Effect of *Onchocerca gutturosa* infection on some serum enzymes and metabolites in mice. Journal of Malaria in Africa and the Tropics Vol. 2No. 2 pp 69 – 74.
  14. Adeneye, AK., Akinwale, OP., Idowu, ET., **Adewale, B.**, Manafa, OU., Sulyman, MA., Omotola, BD., Akande, OD., Mafe, MA., Appelt, . (2007). Sociocultural aspects of mass

delivery of praziquantel in schistosomiasis control: The Abeokuta Experience. *Research in Social and Administrative Pharmacy* 3: 183 - 198.

15. Idowu, ET., Mafe, MA., Appelt, B., **Adewale, B.**, Adeneye, AK., Akinwale, OP., Manafa, OU., Akande, OD (2007). Height as a substitute to weight for the estimation of praziquantel dosage. *World Health Population* 9: July. <http://www.longwoods.com/product.php?productid=19034&cat=469&page=1>
16. **Adewale, B.**, Oyerinde, JPO., Mafe, MA (2008). Seasonal biting pattern of *Simulium damnosum s.l* and its implications on onchocerciasis treatment with ivermectin around Owena dam, Nigeria. *West Afr. J. Med.* 27 (4): 224-229.
17. Sam-Wobo, SO., Akinboroye, T., Anosike, JC., **Adewale, B** (2008). Knowledge and practices on malaria treatment measures among pregnant women in Abeokuta, Nigeria. *Tanzania Journal of Health Research* 10 (4): 226 – 231.
18. Adeleke, MA., Popoola, SA., Agbaje, WB., **Adewale, B.**, Adeoye, MD., Jimoh, WA (2009). Larvicidal efficacy of seed oils of *Pterocarpus santalinoides* and Tropical *Manihot species* against *Aedes aegypti* and effects on aquatic fauna. *Tanzania Journal of Health Research* 11 (4): 250 – 252.
19. Sulyman, M.A., Fagbenro-Beyioku, A.F., Mafe, M.A., Oyibo, W.A., **Adewale, B.**, Ajayi, M.B., Akande, D.O. (2011). Perceptions on the use of drugs and the control of schistosomiasis in four states of Nigeria. *Annals of Biological Research* 2 (2): 483 – 487.
20. Ngele, K.K. And **Adewale, B.**(2012). A comparative study of the efficiency of knott's concentration technique and the immunochromatographic method in the diagnosis of *Wuchereria bancrofti*. *Nig. J. of Parasitology* 33 (2): 163 – 175.
21. Sam-Wobo, SO., Adeleke, MA., Jayeola, OA., Adeyi, OA., Oluwole, AS., **Adewale, B.**, Mafiana, CF., Bissan, Y., Toe, L., Yameogo, L., Mutabaruka, E., Amazigo, UV (2013). Seasonal fluctuations of *Simulium damnosum complex* and *Onchocerca* microfilarial evaluation in river systems, South-west Nigeria. *Int. Jour. Trop. Insect. Sc.* 33 (1): 2 – 7.
22. **Adewale, B.**, Schoeman, L., Rossouw, T (2015). Knowledge and Perceptions of Research Participants in Nigeria about Clinical Trials. *Indian Journal of Medical Ethics* 12 (4): 196 – 198
23. Adeneye, A.K, **Adewale, B.**, Musa, A.Z., Afocha, E.E., Ezeugwu, S.M.C., Yisau, J., Raheem, T.Y., Akande, D.O., Akinremi, A.O., Runsewe, O.A., Sulyman, M.A., Adewoyin, O.O. Mafe, M.A., And Ujah, I.A.O. (2016). Major Diseases among underserved Population of Ogun State, Nigeria. *International Journal of Tropical Disease & Health* 16(3): 1-11 Article no.IJTDH.25886
24. **Adewale, B.**, Rossouw, T., Schoeman, L. (2016). Assessing Participants' Understanding and Voluntariness of Informed Consent in a Clinical Trial in Nigeria. *J Clin Res Bioeth* 7:4<http://dx.doi.org/10.4172/2155-9627.100027>

25. **Adewale, B.**, Adeneye, AK., Ezeugwu, SMC., Afocha, EE., Musa, AZ., Enwuru, CA., Yisau, JI., Raheem, TY., Sulyman, MA., Adeiga, AA., Olayemi, OM., Mafe, MA., And Ujah, IAO. (2016)A Preliminary Study on Enrollees Perception and Experiences of National Health Insurance Scheme in Lagos State, Nigeria. *International Journal of Tropical Disease & Health* 18 (3): 1 - 14Article no.IJTDH 27309
26. **Adewale, B.**, Akinsanya, B., Tudonu, SM. (2017). Parasitologic Investigation of Malaria in Pregnant Women and the Use of Herbal Remedies in Lagos West Senatorial District. *Egypt. Acad. J. Biolog. Sci.*, 9 (1): 41 – 58
27. **Adewale, B.**, Akinsanya, B., Adedeji, A., Folorunsho, S., Demehin, P (2017). Soil-transmitted helminth infections and risk factors among primary school pupils in Lagos, Nigeria. *Nig. J. Life Sc.* 7(2): 115–127
28. **Adewale, B.** Mafe, M.A. (2018). Research as a Tool in the Elimination of Onchocerciasis. *Curr Trends Biomedical Eng & Biosci.* 11 (3): DOI: 10.19080/CTBEB.2018.11.555811
29. Aina, O., Akinsanya, B., **Adewale, B.**, Agomo, C., Sulyman, M. and Rahman, O (2018). Prevalence of malaria in pregnant women attending antenatal clinic in Primary Health Centres in Lagos. South West, Nigeria. *Journal of Advances in Medicine and Medical Research* 25(12):1- 9.
30. Akindele SK, Ajayi, MB., Aina, OO., **Adewale, B.**, Oloyede, AM and Akpunonu, VN (2018). Effect of artemisinin based combination therapy and chloroquine treatment on liver enzymes and biomarkers in *Plasmodium berghei* malaria infection in NIMR, Lagos, Nigeria. *International Research on Medical Sciences* 6 (2): 015-026
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34. Akinsanya, B., **Adewale, B.**, Adenusi, A., Lawal, D., Rahman, O (2019): Infectivity of *Simulium damnosum s.l.* and therapeutic coverage of ivermectin distribution 10 years post treatment around Owena Dam, Ondo state, Nigeria. *Braz j infect dis* Volume 23 (6): 410-418

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36. **Adewale, B.**, Osuolale, KA., Rahman, NO., Sulyman, MA., Akindele, SK (2020). A Study of Anthropometric Indices Among Pupils in Rural Communities Around Kainji Dam, Niger State. Journal of Biosciences and Medicines 8: 169-178.
37. Adeneye, AK., Musa, AZ., Afocha, EE, **Adewale, B.**, Ezeugwu, SMC., Yisau, J., Raheem, TY., Akande, DO., Akinremi, AO., Runsewe, OA., and Mafe, MA (2021). Perception of community based health insurance scheme in Ogun State, Nigeria. Glob J Infect Dis Clin Res 7(1): 001-012. DOI: <https://doi.org/10.17352/2455-5363.000039>
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39. **Adewale, B.**, Raheem, T, Osuolale, K, Chukwu, E, Liboro, G, Odewale, E, Okoli, L, Ezechi, O (2021). Utility of temperature measurement using non-contact infrared thermometer in detecting elevated temperature as an infection control measure in the era of Covid-19. African Journal of Medical and Health Sciences; 20(6): 79-84.
40. Fasona, M., **Adewale, B.**, Azeez, SO. (2021). Predictive Risk Mapping for Schistosomiasis in Parts of Borgu Local Government Area(LGA) of Niger State, Nigeria, Journal of Health Care for the Poor and Underserved 32 (4): 2071 - 2085
41. **Adewale, B.**, Pastore, CF., Rossi, HL., Hung, LY., Bethony, J., Diemer, D., James, A.B., and De'Broski. R. H. (2021). Parasitic helminth infections in humans modulate Trefoil Factor levels in a manner dependent on the species of parasite and age of the host. PLoS Negl Trop Dis. **15(10):e0009550 DOI: [10.1371/journal.pntd.0009550](https://doi.org/10.1371/journal.pntd.0009550)**
42. Ugwuzor, JC., Adekunle, AA., Suleiman, YM., Haruna, M, Aina, OO., and **Adewale B.** (2021). *In-vivo* therapeutic efficacy and phytochemical investigation of three commonly used plants for malaria treatment by the Hausa community in Kano, Nigeria. Journal of Pharmacognosy and Phytochemistry 10(5): 111-117
43. Malomo, BI, **Adewale, B.**, Onwuama, MAC. (2021). Perception Of Health Risks Of People Living in Close Proximity to Infectious Disease Centres and their Willingness to Relocate. Cepres Journal of Science and Innovative Studies 2: 22 – 31
44. Balogun, J.B., **Adewale, B.**, Balogun, S.U., Lawan, A., Haladu, I.S., Dogara, M.M., Aminu, A. U., Caffrey, C.R., De Koning, H.P., Watanabe, Y., and Balogun, E.O (2022). Prevalence and Associated Risk Factors of Urinary Schistosomiasis Among Primary School 1 Pupils in the Jidawa and Zobiya Communities of Jigawa State, Nigeria. Annals of Global Health 88(1): 71, 1–14. DOI: <https://doi.org/10.5334/ aogh.3704>

## Technical Reports

1. Mafe, M.A., Soyombo, O., **Adewale, B.**, and Sulyman, M.A. (1994). Development of Rapid Methods for Monitoring Mectizan Distribution: Coverage, Compliance, Sustainability and Excluded Individuals. Report of a WHO/TDR/FMH Sponsored study. 37pp.
2. **Adewale, B.** (2012). Evaluation of Therapeutic Coverage of Ivermectin Treatment in Plateau and Nassarawa States. Report submitted to WHO/African Programme for Onchocerciasis Control (APOC).
3. **Adewale, B.** (2013). Pre-Evaluation Visits to 10 Local Government Areas of Oyo State for Epidemiological Evaluation of Onchocerciasis. Report Submitted to National Onchocerciasis Control Programme / Federal Ministry of Health (NOCP / FMOH).
4. Ujah IAO., Mafe, MA, **Adewale B**, Sulyman MA, Adeneye AK., Musa AZ And Adesanmi A. (2015). Report on Workshop on Findings on Status of Health Research in Nigeria with Focus on Ministries of Health, Federal Medical Centres and Local Government Health Departments. Report Submitted to MacArthur Foundation.
5. Mafe, M.A., **Adewale, B.**, Nyior, A.O. Abdullahi, A., Abdullahi, S. (2016). Epidemiological and Entomological Surveys on Elimination of Onchocerciasis in Nigeria. Report Submitted to National Onchocerciasis Elimination Programme / Federal Ministry of Health (NOEP / FMOH).

## XI. SOME CONFERENCES / WORKSHOPS ATTENDED WITH PAPERS READ

1. 5<sup>th</sup> African Conference on Emerging Infectious Diseases and Biosecurity. 7<sup>th</sup> – 9<sup>th</sup> August, 2019 Sheraton Hotel, Abuja, Nigeria. Paper Presented: Challenges of Recruiting and Retaining African Women in HIV Vaccine Clinical Trials
2. 6<sup>th</sup> International Scientific Conference of the Nigerian Institute of Medical Research. 12<sup>th</sup> – 14<sup>th</sup> November, 2019. Paper presented: A Study of Anthropometric Indices among Pupils in Rural Communities around Kainji Dam, Niger State.
3. First NIMR-HUMBOLDT KOLLEGE International Conference 15<sup>th</sup> – 19<sup>th</sup> October, 2019. Paper presented: Urogenital Schistosomiasis among School-aged Children and their Predisposition to anaemia in South-west Nigeria
4. 43<sup>rd</sup> Annual Scientific Conference of Parasitology and Public Health Society of Nigeria held at University of Port Harcourt 10<sup>th</sup> – 13<sup>th</sup> September, 2019. Paper presented: Infectivity of *Simulium damnosum s.l.* and therapeutic coverage of ivermectin distribution 10 years post treatment around Owena Dam, Ondo state, Nigeria
5. First International Scientific Conference on Neglected Tropical Diseases (NTDs) held at the Federal University of Agriculture, Abeokuta in Nigeria. 26<sup>th</sup> – 29<sup>th</sup> June, 2019. Paper presented: Status Of *Schistosoma haematobium* Infection Among Pupils Around the Kainji Dam, Niger State: A Paradigm Shift in Infection Rate.



6. National Workshop on Health Research Grantsmanship and Mentorship Programme. Train the Trainer (TTT) and Curriculum Development held at Westown Hotel, Ikeja. 29 – 31 January, 2019.
7. Lagos State Biosecurity / One health Conference, 14<sup>th</sup> December, 2018 at the Pearlwort Hotel 7 Impressive Close. Central Business District, Alausa, Ikeja.
8. 5<sup>th</sup> International Scientific Conference of the Nigerian Institute of Medical Research. Paper presented: Knowledge Attitude and Newborn care Practices among Mothers Attending PHC in Urban and Rural Areas of Lagos State: A Comparative assessment. 14<sup>th</sup> – 16<sup>th</sup> November, 2018
9. National Workshop on Strengthening Health Research Capacity Sponsored by Nigerian Institute of Medical Research in Collaboration with Wellcome Trust and University College, London held at Sheraton Hotels and Towers, Abuja, Nigeria. 6 – 7 September, 2018.
10. Strengthening Urban Preparedness and Resilience against Biological Threats: Establishing multi-agency city-level actions plans. 12-13 July, 2018. Organised by CHATAM HOUSE. The Royal Institute of International Affairs.
11. New York University Abu Dhabi First Workshop on Parasitic Nematodes. 4 – 6 January, 2018 Abu Dhabi, UNITED ARAB EMIRATE. Paper presented: Impact of Single Dose Praziquantel Treatment on *Schistosoma haematobium* Infection among School Children in an Endemic Nigerian Community
12. Eighth EDCTP Forum: Defeating Poverty-Related and Neglected diseases in Africa: Harnessing Research for Evidence-Informed Policies. 6 – 9 November, 2016. Lusaka, Zambia. Paper Presented: Soil Transmitted Helminth Infections and Risk Factors among Primary School Pupils in Lagos, Nigeria.
13. 40<sup>th</sup> Parasitology and Public Health Society of Nigeria (PPSN) conference 21 – 24 September, 2016. Federal University of Agriculture, Abeokuta. Paper Presented: Parasitologic investigation of Malaria and the Use of Herbal Remedies among Pregnant Women in Lagos west senatorial district.
14. 39<sup>th</sup> Parasitology and Public Health Society of Nigeria (PPSN) conference 2<sup>nd</sup> – 5<sup>th</sup> September, 2015 Federal University Lafia Paper presented: Co-Infection of Malaria and Soil Transmitted Helminths Among Pregnant Women Attending Ante-Natal Clinic in Lagos.
15. 5<sup>th</sup> Annual & 2<sup>nd</sup> International conference Nigerian Institute of Medical Research: Tracking the Performance of Health-related MDGs: Role of Evidence 11- 13 Nov., 2014. Paper Presented: Ethical Issues in Community Entry- A case study of Community Based Health Insurance Scheme in Kwara and Lagos States
16. 6<sup>th</sup> MIM Pan-African Malaria Conference: Moving Towards Malaria Elimination: Investing in Research and Control 6 – 11 October, 2013 International Convention Centre Durban, South Africa. Paper Presented: Knowledge and Perceptions of Research Participants about Clinical Trials in Nigeria

17. National Conference on “Trypanosomiasis and Onchocerciasis Research, Zoonotic / Public Health Implications, Control and Eradication in Nigeria” 21 – 23 May, 2013 at National Space and Development Agency (NASRDA) Abuja. Paper Presented: “Therapeutic Coverage and Compliance to Ivermectin Treatment in Plateau and Nassarawa States – Its Implication for the Elimination of Onchocerciasis”
18. Sixth EDCTP Forum: Strengthening Research Partnerships for Better Health and Sustainable Development. 9 – 12 October, 2011. Addis Ababa, Ethiopia. Paper Presented: Assessing Participants’ Understanding and Voluntariness of Informed Consent in a Clinical Trial in Nigeria.

#### **MEMBERSHIP OF EDITORIAL BOARD AND OR JOURNAL REVIEW**

August, 2019 to Present	Nigerian Journal of Clinical and Biomedical Research <b>Role:</b> Deputy Editor-in-Chief
Feb. 2014 – Present	PLoS Neglected Tropical Diseases Journal <b>Role:</b> Reviewer
Aug. 2017 – Present	PLOS ONE Journal <b>Role:</b> Reviewer
2015 to Present	Journal of Advances in Medical and Pharmaceutical Sciences <b>Role:</b> Reviewer
2016 to Present	Asian Journal of Medicine and Health <b>Role:</b> Reviewer
2007 to Present	Nigerian Journal of Parasitology <b>Role:</b> Reviewer
2022 to	PLOS Global Public Health <b>Role:</b> Reviewer

#### **MEMBERSHIP OF TECHNICAL COMMITTEES**

Feb., 2019 to Present	Member- National Steering Committee on Neglected Tropical Diseases (NTDs) in Nigeria
April, 2019 to present	Member- Lagos State Technical Advisory Committee on Neglected Tropical Diseases
June, 2022 to Present	Vice Chairman- Lagos State Health Research Ethics Committee

### **ADMINISTRATIVE EXPERIENCES**

Feb. 2018 to Feb., 2021	Head, Public Health and Epidemiology Department NIMR
Dec.2016 to Present	Chairman, Security Committee NIMR
Feb. 2016 to Aug. 2016	Appointment, Promotion & Disciplinary (Junior) Committee- Member –NIMR
Sept. 2016 to Jan. 2021	Institutional Review Board- Member
Nov.2011 – July, 2012	Faculty Representative on the Board of Post-Graduate School Bowen University, Iwo
Aug.2011 – July, 2012	Member, Biological Sciences Department Post-Graduate Committee. Bowen University, Iwo
Jan. 2012 – July,2012	Member, Pre-degree Programme Committee. Bowen University, Iwo
Feb. – March, 2011	Capacity Development / Training Committee – Member - NIMR
2nd to 4th July, 2008	Representative of NIMR at the Ministerial Meeting of West African Centre for International Parasite Control (WACIPAC) at the Noguchi Memorial Institute for Medical Research, Ghana

### **MEMBERSHIP OF LEARNED SOCIETIES**

International Association for Education in Ethics	-	Member
Parasitology and Public Health Society of Nigeria	-	Southwest Coordinator
American Society For Microbiology	-	Member
Institutional Review Board (IRB) of NIMR	-	Member 2004 -2012
Institutional Review Board (IRB) of NIMR	-	Member 2016 to Present
American Society for Tropical Medicine and Hygiene	-	Member

### **SERVICE TO THE COMMUNITY**

**2013 to Present:** Chairman Welfare Committee, Redeemed Christian Church of God. Miracle Centre, Yaba, Lagos

**2007 Feb – Feb 2009:** Chairman, Parents Teachers' Association of Mbari Mbayo School Yaba, Lagos.

**2012 – 2014 August:** Chairman, Parents Teachers' Association of Yaba College of Technology Staff School Yaba, Lagos.

### **EXTRA CURRICULAR ACTIVITIES**

**Jan. 2016 to Present:** Little Drops Aerobics and Physical fitness Club.