

MOGAJI HAMMED OLADEJI

Dept. of Animal and Environmental Biology

Faculty of Science

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Objective

- *To teach and contribute effectively to the control of infectious disease of public health importance through conduct of applied and innovative research in my area of specialization.*

Education

- PH.D PARASITOLOGY (IN-VIEW) | 2015-2018 | FEDERAL UNIVERSITY OF AGRICULTURE ABEOKUTA, NIGERIA
- M.SC PARASITOLOGY (DISTINCTION-81.1%) | 2012-2015 | FEDERAL UNIVERSITY OF AGRICULTURE ABEOKUTA, NIGERIA
- B.SC ZOOLOGY (FIRST CLASS- 4.73) | 2007-2011 | FEDERAL UNIVERSITY OF AGRICULTURE ABEOKUTA, NIGERIA
- WASSCE | 2000-2006 | SAINT SAVIOURS HIGH SCHOOL, LAGOS, NIGERIA

Professional and Advanced Certificates

- Systematic Reviews and Meta-Analysis
- Principles of Implementation Research
- ICH Good Clinical Practice
- Molecular methods (DNA extraction, PCR and Real time PCR) in parasitology and entomology
- Snail sampling, collection and identification (Malacology)
- Geographical Information System in disease mapping
- Basics in R-Statistics
- Introduction to Biotechnology
- Dynamics of Infectious Diseases
- Data Scientist tool box

Scholarship and Awards

- ICTP award to Italy on Workshop on Mathematical Modelling in 2017
- Bill and Melinda Gates Global Health Travel Award to Keystone Malaria Symposia in Uganda in 2017
- Travel award and training scholarship to School of Public Health, University of Ghana on Principles of Implementation Research workshop.
- Training award to CSIR, Water Research Institute, Accra on Molecular methods (DNA extraction, PCR and Real time PCR) in parasitology and entomology.
- Complimentary Kato-Katz diagnostic kit to enrich my personal laboratory given by World Health Organization/Tropical Diseases Research in 2016

- Overall Best Graduating M.Sc. Student with Distinction grade 81.1%, Department of Pure and Applied Zoology, Federal University of Agriculture, Abeokuta
- Short-term Research Grant for Research Capacity Strengthening and Knowledge Management given by World Health Organization/. Tropical Diseases Research in 2015-2016
- Complimentary package of SIP survey analysis and Health Educational package for endemic countries given by World Health Organization/. Tropical Diseases Research.
- Postgraduate Training and Research Grant for M.Sc. Studies given by World Health Organization/. Tropical Diseases Research in 2015.
- Travel Award to Dhaka, Bangladesh to participate in Implementation Research Tool Kit Pilot Workshop given by World Health Organization/. Tropical Diseases Research.
- Scholarship to participate in H3ABioNet NABDA Metagenomics Data Analytics Workshop at University of Ibadan, Nigeria.
- Senate Annual Prize for Best Graduating Student in each College, given by Federal University of Agriculture, Abeokuta.
- Senate Annual Prize for Best Graduating Student in each Department, given by Federal University of Agriculture, Abeokuta.
- Foundation Dean Prize, given by Prof. Ishola Adamson.
- Vice Chancellor Award for First Class Graduates in the 2010/2011 Academic Session given by Federal University of Agriculture, Abeokuta.
- Outstanding Student Award in 400 level during 2010/2011 Academic Session given by Federal University of Agriculture, Abeokuta.
- Federal Government Scholarship Award for Studies in Nigeria Tertiary Institutions given by Federal Government of Nigeria.
- Overall Best Graduating Student: College of Natural and Applied Sciences, Federal University of Agriculture, Abeokuta.
- Overall Best Graduating Student: Department of Biological Sciences, Federal University of Agriculture, Abeokuta.
- Overall Best Graduating Student: Zoology Unit, Federal University of Agriculture, Abeokuta.

Experience

LECTURER/RESEARCHER | FEDERAL UNIVERSITY OYE-EKITI, NIGERIA | 2016 – TILL DATE

Role: Teaching and mentoring of undergraduate students in the area of public health parasitology, epidemiology and other basic zoology courses.

RESEARCH SCIENTIST | COUNTDOWN CONSORTIUM | 2017 – TILL DATE

Role: Research assistant on situational analysis of NTD implementation in Ogun States

RESEARCH SCIENTIST | MISSION TO SAVE THE HELPLESS | 2016 – TILL DATE

Role: Research scientist on operational issues and other implementation bottlenecks affecting the uptake of proven interventions in the control of Neglected Tropical Diseases (Onchocerciasis, Lymphatic filariasis, Schistosomiasis and Soil Transmitted Helminthiasis)

Completed project: A qualitative study of hurdles in mass treatment of schistosomiasis in five hyperendemic communities of Ekiti-State, Nigeria.

Major activities: We conducted a qualitative study (Focus Group Discussions and Key Informant Interviews) with 143 consenting participants [Males (n=63), Females (n=80)] in five hyperendemic border communities in the state. Data was audio recorded, transcribed, coded and thematically analyzed.

RESEARCH FELLOW | OGUN STATE MINISTRY OF HEALTH | 2015-2016

Role: Strengthen institutional collaboration and identifying implementation bottlenecks in the control of Malaria and other Neglected Tropical Diseases (Onchocerciasis, Lymphatic filariasis, Schistosomiasis and Soil Transmitted Helminthiasis) in the state.

Completed project: Prevalence of Asymptomatic malaria and how literates prevent, diagnose and treat infections in Abeokuta, Ogun State.

Major activities: We conducted a cross-sectional study using well structure questionnaires to obtain information from participants. Data analyzed using SPSS.

Completed project: Studies on perception, compliance and adverse reactions of school children to praziquantel tablets during mass treatment campaigns using trained school teachers in Ogun state, Nigeria: A mixed method approach.

Major activities: We employed a mixed approach method to collect information on children's perception and experience about the tablets. Quantitative data was analyzed in SPSS, while qualitative data was coded and thematically analyzed.

Completed project: Lessons learnt during mass administration of praziquantel using trained school teachers in Ogun State, Nigeria.

Major activities: We employed a qualitative approach, data was analyzed coded and thematically analyzed.

Completed technical report: Research capacity strengthening and knowledge management through a 12-month period internship with the Department of Public Health and Disease Control, Ogun State Ministry of Health (Supported by WHO/TDR)

RESEARCH FELLOW | FEDERAL UNIVERSITY OF AGRICULTURE ABEOKUTA| 2014 -2015

Role: To strengthen institutional collaboration between the university and ministry of health on implementation research

Completed project: Assessment of intestinal helminthiasis and water, sanitation and hygiene interventions among public primary schools in Ogun State (Supported by WHO/TDR)

Major activities: We conducted a cross-sectional study using well structure questionnaires to obtain information from participants. Data were quantitative all through and later analyzed using SPSS.

RESEARCH SCIENTIST | SPATIAL PARASITOLOGY AND HEALTH GIS GROUP| 2012 - TILL DATE

Role: To participate in the general activities of the group vis-à-vis epidemiological field visitations, data collection, analysis, report writing/presentation, grant seeking procedures and

publication of research findings. Major diseases of interest are Onchocerciasis, Lymphatic filariasis, Schistosomiasis and Soil Transmitted Helminthiasis

Some shortlisted projects:

- Impacts of Water, Sanitation and Hygiene interventions on Soil transmitted Helminthiasis
- Co-distribution of Soil Transmitted Helminthiasis and Schistosomiasis
- Field testing of health educational games on the control of some NTDs
- Female genital schistosomiasis in Nigeria
- Impact of polyparasitism of health of school children
- Metabolomic profiling of urine samples from infected urinary schistosomiasis patients
- Soil transmitted helminthiasis and associated malnutrition indices.
- Studies on zoonotic infections,
- Studies on gastrointestinal infections in ruminant animals
- Abundance, distribution and characterization of snail intermediate host for urinary schistosomiasis

******To avoid duplications, list of completed projects can be found under publications.***

Ongoing project: Spatial epidemiology of soil transmitted helminthiasis and assessment of water, sanitation and hygiene resources in Ogun State.

FIELD OFFICER | MISSION TO SAVE THE HELPLESS | 2012 - 2016

Role: To facilitate training of implementers, and supervise implementation programmes for the control of some NTDs (Onchocerciasis, Lymphatic filariasis, Schistosomiasis and Soil Transmitted Helminthiasis) in the Nigeria.

Some of the completed projects includes:

- **Roles as an Independent Monitor for** Community Self-Monitoring (CSM) activity during Community Directed Treatment with Ivermectin (CDTI) in Gashaka and Bali LGAs of Taraba state, Nigeria, *30th December - 6th January, 2012.*
- **Role as a Therapeutic Coverage Evaluator for** Epidemiological and Entomological evaluation of Onchocerciasis in selected transmission zone of Gashaka, Bali, Kurmi and Donga LGA of Taraba State, Nigeria, *11th February - 9th March, 2013.*
- **Role as a Research Officer for** National Epidemiological Mapping of Schistosomiasis and Soil Transmitted Helminthiasis in Five (5) LGA of Taraba State, Nigeria, *29th January to 4th February, 2014.*
- **Role as a Research Officer for** National Mop-up Epidemiological Mapping of Schistosomiasis and Soil Transmitted Helminths in Three (3) LGA of Taraba State, Nigeria, *5th January to 7th February, 2014.*
- **Role as a trainer and supervisor for** Implementation of Census and MDA For Onchocerciasis and Lymphatic Filariasis control in Five (5) LGAs, Taraba State, Nigeria, *4th February - 19th June, 2014.*
- **Role as a trainer and supervisor for** Implementation of Census and MDA For Onchocerciasis and Lymphatic Filariasis control in Niger State, Nigeria (Through 2015).

- **Role as a trainer and supervisor for** Implementation of Census and MDA For Onchocerciasis and Lymphatic Filariasis control in Ondo State, Nigeria, (Through 2015)
- **Role as a trainer and supervisor for** Implementation of Census and MDA For Onchocerciasis, Lymphatic Filariasis, Schistosomiasis and Soil Transmitted Helminthiasis control in Ekiti State, Nigeria, (Through 2015)

Trainings and workshops

- Short course on Principles of Implementation Research at School of Public health, University of Ghana
- Short course on Molecular techniques (DNA extraction, PCR and Real time PCR) at the CSIR, Water Research Institute, Accra
- Training on snail collection and Identification methods organized at Federal University of Agriculture, Abeokuta
- Training on Geographical Information System in disease mapping, organized by Parasitology and Public Health Society of Nigeria
- Training on R-Statistics workshop organized by Imperial College London and Federal University of Agriculture, Abeokuta, Nigeria
- Training on introduction to Biotechnology workshop organized by Federal University of Agriculture, Abeokuta, Nigeria
- Training on Dynamics of Infectious Diseases workshop at Cousera
- Training on Data Scientist tool box workshop at Cousera
- Workshop on Epidemiological Mapping of Schistosomiasis and Soil Transmitted Helminths using EDaCS Workshop organized by MITOSATH and Federal Ministry of Health, Nigeria
- Short course on Implementation Research workshop organized by World Health Organization in Bangladesh

Membership of Professional Societies Trainings and workshops

- Member, Science Association of Nigeria (SAN)
- Member, American society for Microbiology (ASM).
- Member, Parasitology and Public health society of Nigeria (PPSN)
- Member, International Society of Infectious Diseases (ISID)
- Member, African Research Network for Neglected Tropical Diseases
- Member, Health Care information for All
- Member, TDR Global
- Member, Research Africa

Publications

- **H.O. Mogaji**, A.A. Adeniran., A.K. Awoyale, A.S. Oluwole and U.F. Ekpo (2013). Baseline Study of Malaria Infection in Four Rural communities of Ogun State. *Asian Journal of Biological Sciences*. 6(6): 300-305
- Adeniran, A A, **H.O. Mogaji**, Oluwole S A, Abe M E, Bankole O S, Ekpo F U. (2014) Commodity utilization of malaria intervention and control tool: Access and utilization of long lasting insecticide

net in rural communities of Imeko-Afon and Odeda local government area of Ogun state, Nigeria. *Ann Trop Med Public Health*. 7:85-9

- Etuketu I.M., **H.O. Mogaji**, Alabi, M.O., Adeniran., A.A., Oluwole, A.S. and Ekpo, U.F (2015) Prevalence and risk factors of *Trichomonias vaginalis* among pregnant women Receiving Antenatal Care in Abeokuta. *African Journal of Infectious Diseases*. 9(2): 51 – 56
- Ogudo, U.S., Oluwole, A.S. **H.O. Mogaji**, Alabi, M.O., Adeniran., A.A., and Ekpo, U.F (2015). Gastrointestinal helminths in a ruminant livestock farm in Abeokuta, Southwestern Nigeria. *Annual Research & Review in Biology*. 8(4): 1-8.
- Adegbulu T.Y., **H.O. Mogaji**, Oluwole, A.S., Adeniran., A.A., Alabi, M.O., and Ekpo, U.F (2015). A Preliminary Survey of Gastrointestinal Parasites of Animals in Federal University of Agriculture Abeokuta Zoological Park, Ogun State, Nigeria. *Journal of Biology, Agriculture and Healthcare*, 5(11): 195-203.
- Fagbenro, M.T., **H.O. Mogaji**, Oluwole, A.S., Adeniran, A.A., Alabi, O.M., Abe, E.M. and Ekpo, U.F. (2016). Prevalence of Parasites found on Vegetables sold in Abeokuta, Southwestern Nigeria and Perception of Retailers and Consumers on Contamination. *Journal of Clinical Microbiology and Case Reports*. 2(1):1-5
- **H. O. Mogaji**, D. O. Adeaga, Q. A. Yusuff, M. E. Johnson and U. F. Ekpo (2016). Preliminary Evaluation of UNICEF's Assisted Water, Sanitation and Hygiene (WASH) Programme Using Interview Guides and Spot Checks in Ogun State, Nigeria. *Annual Research & Review in Biology*. 9(2): 1-7
- Omitola, O.O., **H.O. Mogaji**, Alabi, M.O., Adeniran., A.A., Oluwole, A.S. and Ekpo, U.F (2016). Geohelminthes infections and Nutritional Status of Pre-school aged children in a peri-urban settlement of Ogun state. *Scientifica*. 2016: 1-9
- **H. O. Mogaji**, A.A. Adeniran, M.T. Fagbenro, D.B. Olabinke, E.M. Abe and U. F. Ekpo (2016). Prevalence of Human Taeniasis in Odeda area of Ogun State. *International Journal of Tropical Disease and Research*. 17(4): 1-8
- S.O. Sam-wobo, J. Uyigwe, O.A. Surakat, N.O. Adekunle and **H. O. Mogaji** (2016). Babesiosis and other Hemoparasitic Disease in a cattle slaughtering abattoir in Abeokuta, Nigeria. *International Journal of Tropical Disease and Research*. 17(4)
- Oluwole, A.S., Adeniran, A.A., **H.O. Mogaji**, Shittu, E.O., Alabi, O.M., Odoemene, S and Ekpo, U.F. (2016). Survey of Gastrointestinal Parasites among Nomadic Cattle Herds in Eruwa, Oyo State, Southwestern Nigeria. *Annual Research & Review in Biology* 10(6): 1-7
- E. M. Abe, L. J. Ajah, S. O. Ayuba, **H.O. Mogaji** and U. F. Ekpo (2016). Geohelminths Contamination of Fruits and Vegetables Sold in Lafia Markets. *Annual Research & Review in Biology*. 11(2): 1-8,
- Odoemene N.S., Adeniran A.A., Oluwole, A.S., **H.O. Mogaji H. O.**, Abe E.M., Sam-Wobo S.O., Agboola, O.A. and Ekpo U.F. Communal prevalence of malaria parasite and evaluation of Long Lasting Insecticidal Net (LLIN) for malaria control in Ikenne, Ogun State, Nigeria- Accepted- Nigerian Journal of Parasitology

- T.S. Fafunwa, **H.O Mogaji**, Oluwole, A.S., Adeniran, A.A., M.T Fagbenro, ¹S.O. Sam-Wobo, B. S. Bada, and U.F Ekpo (2017) Water Resource, Hygienic Practice, and Soil Transmitted Helminthiasis in some Rural Communities of Osun State, Nigeria. Journal of Water Resource and Protection. 9: 99-110
- Eniola M. Abe; Wei Guan, Ombugadu Akwashiki, Akinola Stephen Oluwole, Hasley Livinus Njila, **H. O. Mogaji**; Adebisi A Adeniran; Yunhai Guo, Shi-Zhu Li; and Uwem Friday Ekpo. Population abundance and bionomics of snail intermediate hosts of trematode parasites in Nasarawa State. Accepted Research Journal of Parasitology

Referees

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