

OMOSIVIE MADUKA
(MBBS, MScPH, FMCPH)



Professor of Epidemiology & Public Health, University of Port Harcourt
Director, Centre for Health and Development, University of Port Harcourt
Honorary Consultant Public Health Physician
University of Port Harcourt Teaching Hospital
omosivie.maduka@uniport.edu.ng
+2348033298096

Summary of Competencies and Professional Experience

- Professor of Epidemiology & Public Health with sub-speciality interests in Communicable and Non-communicable Disease Epidemiology, Maternal and Child Health, Research Methodology, Biostatistics, and Community Medicine.
- Consultant Public Health Physician with twenty years of experience in Research and Public Health Practice.
- Director, Centre for Health and Development, University of Port Harcourt
- Chair, National Committee on Scientific Research and Grantsmanship, Medical Women's Association of Nigeria
- National Vice President 1, Association of Public Health Physicians of Nigeria
- Board Member, Faculty of Public Health and Community Medicine, National Postgraduate Medical College of Nigeria
- About 100 research publications in peer-reviewed journals and a reviewer for several journals, including BMJ, PLOS, BMC and other Elsevier journals.
- Fellow of the National Postgraduate Medical College of Nigeria, Faculty of Public Health since November 2011
- Facility Manager and Epidemiologist, University of Port Harcourt Teaching Hospital (UPTH), Infectious Disease Unit and Treatment Centre
- Statistician with data management skills, including analysing and interpreting large data sets.

EDUCATIONAL & PROFESSIONAL QUALIFICATIONS

Qualifications	Institutions/Organisations	Date
Master of Science in Public Health (MScPH)	London School of Hygiene and Tropical Medicine, University of London	August 2017
Fellowship in Public Health, National Postgraduate Medical College of Nigeria (FMCPH)	National Postgraduate Medical College of Nigeria, Faculty of Public Health	May 2012
Postgraduate Diploma in Public Health (DipPH)	London School of Hygiene and Tropical Medicine, University of London	August 2008
Bachelor of Medicine and Surgery (MBBS).	College of Health Sciences, University of Port Harcourt	April 2003

PROFESSIONAL AND WORK EXPERIENCE

Deputy Chairman, Medical Advisory Committee, Research, Grants and Innovation (February 2026 till date)

- Coordinate all major collaborative research in the hospital
- Manage the activities of the Planning, Research, and Statistics Department
- Chair the Research Ethics Committee of the hospital
- Manage all major grants coming to the hospital
- Build the capacity of hospital staff to conduct research and seek grants

Director, Centre for Health and Development (CHD), University of Port Harcourt (December 2023 till date)

- Coordinate all activities of the centre whose objectives relate to collaborative research in infectious and non-communicable diseases and maternal and child health
- Building medical and public health competence among health workers in the Niger Delta
- Secure and manage public health grant opportunities for the University
- Represent CHD on the management board of the World Bank-funded African Centre for Excellence in Public Health and Toxicological Research

Professor of Epidemiology & Public Health, University of Port Harcourt (November 2022 till date)

- Annual Supervision of 25 PhD and Master's students in the School of Public Health, Department of Preventive and Social Medicine, and the African Centre for Public Health and Toxicological Research, University of Port Harcourt
- Project Coordinator, Graduate Programs in the Department of Preventive and Social Medicine
- Teach Epidemiology, Maternal and Child Health, Biostatistics, Research Methodology, Demography, and International Health to over 300 undergraduate medical students in their fourth and final year, over 200 fourth-year nursing students and 300 post-graduate Master's and PhD students in Public Health specialities at the University of Port Harcourt.
- External examiner at several Universities in Nigeria for undergraduate examinations in Public Health

- External assessor for postgraduate assessments and examinations at the National Postgraduate Medical College of Nigeria

Head of Department, Preventive and Social Medicine, University of Port Harcourt & Head of Department, Community Medicine, University of Port Harcourt Teaching Hospital (July 2019 to July 2021)

- Coordinated all academic and administrative activities in the department at the undergraduate and graduate levels and assigned courses.
- Supervised clinic and service delivery activities for over 300 staff comprising consultants, resident doctors, public health nurses, midwives, community health officers, environmental health officers, public health officers and administrative staff.
- Chaired academic board meetings.
- Ensured the smooth running of all courses and programs in the department.
- Prepared and Managed the Department Budget.
- Evaluated the Department's instructional, research, and administrative processes.
- Represented the department at the Faculty, College, Senate and hospital committee meetings.
- Coordinated external assessments and examinations for the department's Master's programmes

Senior Lecturer, Department of Preventive and Social Medicine, University of Port Harcourt (October 2015 to October 2022)

- Course coordinator Basic Epidemiology for Graduate Programs (Master's in Public Health)
- Lectured graduate and undergraduate students in Epidemiology, Biostatistics, Demography, and Research Methods
- Supervised 40 Master's dissertations between 2014 and 2021.
- Examinations officer for graduate and undergraduate programmes (March 2018 to July 2019)

Lecturer 1, Department of Preventive and Social Medicine, University of Port Harcourt (June 2012 to September 2015)

- Lectured graduate and undergraduate students in Epidemiology, Biostatistics, Demography, and Research Methods
- Supervised examinations and graded scripts

Honorary Consultant Public Health Physician, University of Port Harcourt Teaching Hospital (June 2012 till date)

- Facility Manager, Infectious Disease Treatment Centre (till date)
- Program Manager UPTH Drug-Resistant Tuberculosis Treatment Centre, Aluu Rivers State (March 2017 till Jan 2022)
- Coordinator, Community Health Officers Training School, University of Port Harcourt Teaching Hospital (March 2017- February 2018)

- Consultant in charge of the Epidemiology and Disease Control Firm with oversight of the sexually transmitted infection (STI) clinic, Directly Observed Treatment of TB (DOTS) outpatient clinic, Multidrug-resistant (MDR-TB) facility, the Antiretroviral Disease (ARV) clinic and the Infectious Disease Treatment Centre
- Residency Training Coordinator (January 2013 to December 2015). Coordinated internal and external training postings for over 30 junior and senior residents in Public Health.
- Facilitated training in Public Health for over 70 Community Health Officers in the hospital
- Proposal writing and grant applications for operations research activities within the department.

Senior Registrar: Department of Community Medicine, University of Port Harcourt Teaching Hospital (May 2008 – May 2012)

- Was part of a proposal writing and development workshop for grant applications on behalf of the Department of Community Medicine, University of Port Harcourt Teaching Hospital.
- Facilitated training in public health for medical students, community health officers, and undergraduate and post-basic nursing students.
- Chief Resident: Department of Community Medicine with supervisory responsibilities over 30 residents between October 2008 and October 2009.
- Lectured on Epidemiology and International Health under the supervision of Lecturers.

Other work experience

- ❖ Registrar: Department of Community Medicine, University of Port Harcourt Teaching Hospital. Rivers State, Nigeria (Jan 2006 – April 2008)
- ❖ National Youth Service Corps: Resident Medical Officer, Wukari General Hospital, Wukari, Taraba State. (Sept 2004 – Sept 2005)
- ❖ Internship: House Officer, University of Port Harcourt Teaching Hospital. (June 2003 – June 2004)

Relevant Public Health Consultancies

Research Mentor and Supervisor for Rivers State, FMOH Workforce Analysis Project led by IMRAT University of Ilorin

- Nominated the State Research Coordinator for Rivers State
- Provided backstopping and supportive supervision
- Reviewed and approved proposed data collection team members
- Supported the training of data collectors
- Facilitated the support of institutional stakeholders prior to the data collection activities in Rivers State

Technical Consultant, Medical Women's International Association Special Interest Group on Climate Change and Health (December 2024 – April 2025)

- Key Informant Interviews with MWIA Regional Presidents, Country Presidents and other Experts

- Conduct a comprehensive review of the literature related to the health effects of climate change and responses
- Develop a framework for MWIA's response to climate change and health issues in member countries

State Representative, University of Manitoba, Integrated Biological and Behavioural Surveillance Survey for HIV Key Populations in Nigeria (September 2020 to January 2021)

- Coordinated the state-level training for data collection in Rivers State
- Oversaw a team of 20 data collectors across four teams collecting data from four key populations in the state.
- Managed human, material, and financial resources for the survey
- Engaged and managed all stakeholders involved with key populations in the state
- Report writing

Technical Consultant, NLNG Malaria Elimination Project, Bonny Island, Rivers State (March 2019 to date)

- In 2019, I worked with a multidisciplinary team to replicate the National Malaria Indicator Survey methodology in Bonny Local Government Area of Rivers State.
- Trained over 40 research team members (data collectors, social mobilisers, malaria test and treat personnel and field supervisors)
- National Consultant for the 2019 Annual Operational Plan Development for Malaria Elimination in Rivers State
- Developed the Malaria Work Plan for the Bonny Local Government Area
- Support the implementation of malaria elimination activities in Bonny Island

Lead Consultant 2017 Annual Operational Plan (AOP) Development for Malaria Elimination in Rivers State, supported by Africare Nigeria. 8th to 15th December 2016

- Supported a technical working group of 40 state officials to develop their second costed AOP for malaria activities in 2017 and 2019
- Supported a malaria management team from Bonny LGA to develop a Malaria Work plan for implementation in 2019
- Finalised the AOP document for consensus, adoption, and dissemination.

Lead Consultant 2016 Annual Operational Plan (AOP) Development for malaria elimination in Akwa-Ibom State, supported by Africare Nigeria. 14th to 24th December 2015

- Supported a technical working group of 40 state officials to develop their second costed AOP for malaria activities in 2016
- Finalised the AOP document for consensus, adoption, and dissemination.

Lead Consultant, Malaria Service Delivery Trainings for Private Health Practitioners and PPMVS in Ogun State, supported by the Global Fund principal recipient, Society for Family Health (SFH). 31st August to 22nd September 2015

- Led a team of three people to conduct three waves of training (in ten training events) in malaria case management, malaria in pregnancy, and rapid diagnostic testing.

- Trained 225 private-sector doctors, nurses, laboratory technicians, pharmacists and PPMVs in Ogun state.
- Produced a quality process report for the Global Fund

National Consultant and Team Lead, Technical Support to the PMI-MAPS funded Work Plan Review for Malaria Elimination in ten selected Local Government Areas in Kogi State. 17th to 24th August 2015

- Built the capacity of state officers to conduct LGA work plan reviews independently
- Provided backstopping for eight state officers to conduct a three-day mid-year implementation review of the LGA work plans for malaria elimination in local government areas.
- Supervised and quality-assured ten LGA review reports and one state findings report
- Produced a high-quality process report for PMI-MAPS

Facilitator, Training for Medical, Health & Laboratory Personnel in Rivers State on Infection Prevention & Control Surveillance/Outbreak Investigation, organised by the World Health Organisation (WHO) state office. 7th to 10th June 2015

- Worked with an international team of experts from the WHO, the State Ministry of Health, the Rivers State Primary Health Care Management Board and the Global Alliance for Vaccine Initiatives (GAVI) to build the capacity of over 120 health workers from 23 LGAs in the state, in infection prevention and control.

Lead Facilitator Communication and Social Mobilisation: FMOH-NCDC training for Ebola Virus Disease preparedness across the 36 states and capital - 7th to 13th December 2014.

- Worked with a multi-disciplinary team of experts in EVD case management, epidemiology and surveillance, ports of entry and coordination to provide generic and specific skill-building opportunities for over 60 participants from 18 states
- Led the sub-team that provided capacity building to health educators and social mobilisation officers from over 18 states of the federation

National Consultant Planning and Budgeting providing Technical Support to the Presidential Malaria Initiative (PMI) funded Malaria Action Program for States (MAPS) for Annual Operational Plan (AOP) development and reviews in Oyo State, June to November 2013 and July to August 2014

- Facilitated three periodic reviews (involving over 30 members of the state malaria technical working group (mTWG)) of progress toward 2013 and 2014 AOP targets using performance tools, force field analysis and proxy indicators
- Facilitated two-week workshops for the development of the 2014 and 2015 AOPs for malaria control in Oyo State.
- Produced technical process reports for both workshops.
- Finalised the 2014 and 2015 AOP documents for the state.

Team Lead and National Consultant, Technical Support to the DFID-funded Support to the National Malaria Control Program (SuNMaP), Lagos State (January and February 2014)

- Led the team that built the capacity of four State officers to facilitate AOP development and review processes over two contact sessions in January and February 2014.
- Supervised the four Lagos State Ministry of Health and Lagos State Malaria Elimination Program officials as they facilitated a two-day review of Lagos State 2013 Annual Operational Plan (AOP) in January 2014.
- Provided backstopping for these state officials as they facilitated a five-day AOP development workshop for 36 Lagos State malaria thematic working group (mTWG) members for the 2014 Annual Operational Plan for malaria control. This plan was developed against the backdrop of the new National Malaria Strategic Plan (NMSP 2014-2020)
- Supervised and quality-assured the production of two analytical process reports and one Annual Operational Plan document for 2014 malaria control activities in the state.

National Consultant to Federal Ministry of Health, Nigeria: Joint Annual Review (JAR) and Mid-term review (MTR) of the National Strategic Health Development Plan (NSHDP 2010 to 2015) for South-South Nigeria; July & August 2013.

- Participated and contributed to a two-day strategy and tools development workshop for JAR/MTR consultants in Abuja, led by two International Consultants.
- Led an eight-person team to conduct the JAR and MTR in Edo State, Nigeria, over one month.
- Conducted literature/desk review of Edo State's progress towards NSHDP targets for 2010-2012 in all eight priority areas.
- Conducted facility assessment for four tertiary, three secondary and nine primary health facilities in the state's three senatorial zones using an adapted Service Availability and Readiness Assessment (SARA) tool.
- Conducted in-depth and key informant interviews with key stakeholders in the state's health sector.
- Analysed the review findings and organised a one-day stakeholders' meeting to validate the findings.
- Produced a technical report of the findings of the JAR/MTR for the Federal Ministry of Health and Edo State Ministry of Health, which was incorporated into the National Report for the 2013 JAR/MTR.

National Consultant Program Management: Technical Support to the USAID-funded Malaria Action Program for States (MAPS) for State Training of Trainers (SToT) in Kogi State, March 2013

- Together with a team of National Trainers, facilitated State Training of Trainers for 25 participants using the harmonised Program Management modules, including Monitoring and Evaluation, Integrated Supportive Supervision and On-the-Job Capacity Building, Planning and Budgeting and General Management.
- Provided specialised facilitation and technical support in Planning and Budgeting during the training.

National Consultant Program Management: Technical Support to the DFID-funded Support to the National Malaria Control Program (SuNMaP) for State-level Program Management Orientation of Heads of Facilities in Enugu State, Dec 2012

- Together with a team of three other National Consultants, considered the Terms of Reference (TOR) and underwent a two-day preparatory meeting for the assignment.
- Facilitated the Planning and Budgeting module for 35 participants as part of the three-day State-level Orientation of Heads of Facilities using the Program Management Modules of the Harmonised Training & Support Materials for Strengthening Capacity for Malaria Control in Enugu State.

Consultant Trainer: Rivers State Malaria Control Program (World Bank-assisted malaria booster project) (Sept 2012)

- Facilitated a three-day statewide Malaria Case Management Training of Trainers (TOT) for 30 participants, in collaboration with the NMCP and the WHO state program office.

RECENT PUBLIC HEALTH AND LEADERSHIP ACTIVITIES

Convener, Maduka's Masterclass Series 2024 till date

- Facilitate a free learning platform for anyone in healthcare delivery to build practical public health and leadership skills and competencies.
- Close to 1,000 persons registered for various Masterclass sessions

Chair, Medical Women's Association (MWAN) Scientific and Grants Committee Oct 2023-date

Leadership Training

- Managed the MWAN Global Health Women Leadership Development Program, convened by Dr Maimunat Alex-Adeomi
- Led MWAN collaboration with Dr Adeomi, Women Leading Change and the Women in Leadership Advancement Network (WILAN)
- Supported the selection and training of 25 early-career female medical doctors during a six-month leadership training
- Co-created and delivered the Leadership Enhancement and Development (LEaD) training for female medical doctors in Nigeria held in February 2024.

Deputy Editor-in-Chief Journal of the Medical Women's Association of Nigeria (J-MWAN)

- Supported the re-branding of the journal after a two-year lull in publication
- Assign manuscript submissions and manage the review process
- Coordinate the publication of special issues of the journal
- Organise a training to build capacity for writing and submitting manuscripts

Grantsmanship

- Led multi-specialty teams to apply for 10 grant opportunities for MWAN
- Program Manager for three successful grants being implemented by MWAN

Managed Grants and Funded Projects

- ***Medical Women's Association of Nigeria AIM MNCNH***
Accelerating the Implementation of Maternal Newborn Child Nutrition and Health (AIM MNCNH) Innovations Project, Date 2024 – 2028. Sub-awardee from the African Centre for Excellence in Population Health and Policy and The Bill and Melinda Gates Foundation. Role: MWAN Advocacy Stream Project Manager. Grant Amount; \$1,200,000
- **Medical Women's Association of Nigeria Ford Foundation Project**
Preventing GBV and other Harmful Practices by Utilising Evidence of the Health Impact of Social Norms and Practices on Women and Girls, in Two Communities in Rivers State. April 2025 to March 2027 Grant number 153328, \$150,000
Role: Monitoring, Evaluation and Reaearch Lead
- ***Medical Women's Association of Nigeria Gestational Diabetes Project***
Project Title: Improving Gestational Diabetes Mellitus (GDM) outcomes among rural and urban poor women in Rivers State, Niger Delta region of Nigeria.
January 2017 – December 2020. A \$272,198 grant by the World Diabetes Foundation.
Grant Number WDF-16 1347
Role: Co-Investigator
- **End of Project Evaluation: Oloibiri Health Programme supported by the Shell Petroleum Development Company.** October 2023 – January 2024
A \$22,000 four-month evaluation project
Role: Principal Investigator
- **Niger Delta Development Commission (NDDC) Malaria Chair Research Grant:**
Malaria Burden Among Children Under-five and Pregnant Women in the Niger Delta. A \$100,000 research project between 2018 and 2020. Role: Co-investigator
- ***Climate Impact Research and Leadership Enhancement (CIRCLE) Fellowship*** funded by the Department for International Development (DFiD) and implemented by the Association of Commonwealth Universities (ACU) and the African Academy of Science (AAS).
Date: 2016
Project title: Gas flaring and climate change: an analysis of the impact on the Health and Well-being of communities in the Niger Delta region of Nigeria – A \$40,000 one-year research grant
Role: Principal Investigator

Other Public Health Activities

- Facility Manager, Epidemiologist, Infectious Disease Centre/Infectious Disease Unit, University of Port Harcourt Teaching Hospital (UPTH) (May 2020 till date)
- Facility Manager, Rivers State Drug-Resistant TB Treatment Centre (2018 to 2022)

- Deputy Lead UPTH Covid-19 Response Team and a Member of the University of Port Harcourt Covid-19 Steering Committee (March 2020 till date)
- Technical Lead, Risk Communication and Research Pillars, Rivers State Public Health Emergency Operations Centre (March 2020 till date)
- State Technical Lead, National HIV Integrated Behavioural and Biological Survey of Key Populations in Nigeria, September 2020 to January 2021
- Technical Lead: Rivers State Soot Health Sub-committee. Supervised the fieldwork and data analysis/report for the Rivers State Soot and Health Surveys, including a five-year trend analysis of diseases associated with particulate matter air pollution in the 23 Local Government Areas of the State (August 2018 to December 2020)
- Member, NDDC Malaria Chair Research Group: Responsible for the data management for prevalence and burden of malaria research among children under five and pregnant women in the Niger Delta Region of Nigeria.
- Member of the Project Implementation Team and Data Management Focal Person for the Hydrocarbon Pollution Remediation Project (HYPREP) Phase 1 and 2 emergency medical outreaches for non-communicable diseases in the four LGAs of Ogoniland in Partnership with the Medical Women's Association of Nigeria, Rivers State Branch. Used open-access software to capture and analyse socio-demographic and health information from over 12,000 residents of the four LGAs.

RESEARCH PUBLICATIONS

Dr Omosivie Maduka has about 100 publications in international and local peer-reviewed journals. They can be viewed at <https://orcid.org/0000-0002-8243-8131> or <https://www.researchgate.net/profile/Omosivie-Maduka>

SKILLS AND COMPETENCIES

- Advanced research skills
- Communication, facilitation, and presentation skills
- Analytical and report-writing skills.
- Advanced Computing skills, including proficiency in Microsoft Office packages.
- research and data analysis, including working knowledge of statistical software and data analysis packages, e.g. SPSS, WINPEPI
- Proposal development and grant management
- Planning, Budgeting and Health Systems Strengthening

MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS

- Medical Women Association of Nigeria (MWAN)
- Association of Public Health Physicians of Nigeria (APHPN)
- Epidemiological Society of Nigeria (EpiSoN)
- Medical and Dental Consultants Association of Nigeria (MDCAN)
- Nigerian Medical Association (NMA)
- Society for Adolescent and Young People's Health in Nigeria (SAYPHIN)

References

1. Prof Rosemary Ogu
Deputy Vice Chancellor, Academic
University of Port Harcourt
rosemary.ogu@uniport.edu.ng
2. Prof Oluseye Babatunde
World Health Organisation
Malaria Programme Officer
babatundeo@who.int
3. Prof Akindele Pelumi Adebiyi
President of the International Epidemiological Association
adebiyi20012002@yahoo.com