

OMOBOLANLE ESTHER ADELEKUN

Public Health & Immunization Specialist | Vaccine-Preventable Disease Surveillance | Epidemiology & Health Systems

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PROFESSIONAL PROFILE

Public health and immunization professional with 7+ years of experience in vaccine-preventable disease surveillance, immunization programme implementation, outbreak preparedness and response, health information systems, epidemiological data use, and workforce capacity strengthening in Nigeria. Experience with WHO, NCDC, and government health authorities includes Measles-Rubella vaccine introduction, polio and routine immunization, AFP and AEFI surveillance, IDSR, vaccination microplanning, field monitoring, data-quality review, and multi-stakeholder coordination. Research interests include vaccine hesitancy, parental perceptions, and childhood immunization uptake.

CORE TECHNICAL COMPETENCIES

Immunization Strategy & Programme Implementation • Vaccine-Preventable Disease Surveillance • Measles-Rubella Vaccine Introduction • Routine Immunization & Polio Eradication • AFP & AEFI Surveillance • IDSR • Epidemiological & Surveillance Data Analysis • DHIS2 & Data Quality • Vaccination Microplanning • Monitoring & Evaluation • Evidence Use for Programme Decisions • Health Systems Strengthening • Multi-Stakeholder Coordination • Workforce Capacity Strengthening

PROFESSIONAL EXPERIENCE

Technical Officer, Measles-Rubella Vaccine Introduction

World Health Organization (WHO) | Lagos, Nigeria | Jan 2026 – Apr 2026

- Supported detailed microplanning, coordination, implementation, and monitoring of the Measles-Rubella vaccination campaign.
- Supported field implementation and performance monitoring to identify operational gaps and strengthen vaccination quality and population reach.
- Trained and supervised 1,068 vaccination team members, strengthening service delivery and field accountability.
- Worked with government health teams and stakeholders to address implementation barriers and support corrective action.

Sub-National Technical Assistant (IDSR), Emergency Preparedness & Response

World Health Organization (WHO) | Bayelsa, Nigeria | Jan 2024 – Oct 2025

- Provided technical support for IDSR and vaccine-preventable disease surveillance, strengthening reporting, early warning, and use of surveillance information for programme decisions.

- Supported immunization and outbreak-response activities including Oral Cholera Vaccine, measles, yellow fever, Mpox, and OPV interventions.
- Strengthened AEFI surveillance and DHIS2 data-quality processes, supporting improved reporting quality and programme accountability.
- Coordinated with government teams, health facilities, surveillance officers, and partners through programme and emergency-response mechanisms.
- Led capacity-strengthening activities reaching more than 5,000 health personnel across surveillance, immunization, and outbreak-response programmes.
- Supported review of surveillance and programme data to identify gaps, guide follow-up actions, and strengthen implementation.

State Data Assistant, AVADAR Project

World Health Organization (WHO) | Kwara, Nigeria | Jan 2022 – Dec 2023

- Managed and analyzed surveillance data across 713+ health facilities to support AFP case detection and vaccine-preventable disease surveillance.
- Conducted routine data-quality assessments and evidence reviews, identifying reporting and performance gaps for follow-up.
- Produced analytical dashboards, summaries, and technical reports to support programme review and evidence-informed decisions.
- Supported timely, complete, and accountable surveillance reporting and routine use of data for programme improvement.

COVID-19 Surveillance Officer

Nigeria Centre for Disease Control (NCDC) | Lagos, Nigeria | Jan 2020 – Dec 2021

- Supported COVID-19 surveillance, alert and case investigation, contact tracing, testing coordination, and response reporting.
- Worked with rapid-response and public health teams to support timely follow-up and use of surveillance information for operational decisions.
- Supported risk communication and community engagement during the public health response.

LGA Immunization Project Coordinator

World Health Organization (WHO) | Oyo, Nigeria | Oct 2019 – Dec 2021

- Supported polio eradication and routine immunization strategies, including microplanning, supportive supervision, field monitoring, and performance review.
- Trained and supervised 467+ vaccinators and field personnel, strengthening vaccination quality and accountability.
- Supported vaccine logistics, cold-chain monitoring, OPV stock accountability, and corrective action with LGA health teams.

EDUCATION

PhD, Public Health (In View) — Texila American University | 2023 – Present

Master of Public Health (MPH) — Maryam Abacha American University of Niger | 2021 – 2023

B.Sc. Microbiology — Joseph Ayo Babalola University | 2014 – 2018

SELECTED TRAINING & CERTIFICATIONS

IDSR 001, 002 & 003 • Mid-Level Managers' Training Master Certification • RCCE / Infodemic Management SURGE
• Responding to Cholera • Emergency Operations Center Management • PRSEAH / Gender-Based Violence

TECHNICAL SKILLS

DHIS2 • ODK/Kobo • QGIS • Power BI • Tableau • MySQL • Microsoft Excel • Microsoft PowerPoint • Microsoft Word

RESEARCH & PUBLICATIONS

- Research focus: *parental perceptions, vaccine hesitancy, and childhood immunization uptake in the post-COVID-19 context.*
- Adekun, O.E. (2025). *Predictors of Vaccine Hesitancy in Nigeria. Journal of Research in Medical and Dental Science.*
- Additional research on *childhood vaccination uptake and parental perceptions of immunization in Nigeria.*

LANGUAGES

English — Fluent