EGWU ESTHER CHIDIEBERE

MEDICAL LABORATORY SCIENTIST

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PROFESSIONAL SUMMARY

Detail-oriented Medical Laboratory Scientist with over 3 years of hands-on clinical laboratory experience across Hematology, Clinical Chemistry, Microbiology, Immunology, Histopathology, Blood Transfusion Science, Phlebotomy, Virology, and TB Diagnostics. Experienced in laboratory instrumentation, quality control, result validation, specimen handling, and multidisciplinary clinical collaboration. Committed to accurate, timely, patient-centered diagnostic services and effective teamwork in hospital laboratory settings.

PROFESSIONAL EXPERIENCE

Medical Laboratory Scientist *Dec 2025 – Oct 2026*

Guards Brigade Medical Centre, Mambilla Barracks, Asokoro, Abuja

- Performed diagnostic laboratory testing across multiple departments, including hematology, clinical chemistry, microbiology and immunology, and analyzed results to support patient care.
- Operated and maintained laboratory instruments, performed routine equipment checks, and applied quality control procedures to promote accurate and reliable results.
- Validated and communicated significant or abnormal results and collaborated with physicians and clinical teams to support diagnosis and treatment planning.

Medical Laboratory Scientist *Aug 2025 – Oct 2025*

Mater Misericordiae Hospital, Afikpo, Ebonyi State

- Managed laboratory functions and delivered accurate, timely results to support patient care.
- Performed microbiology investigations, including organism identification and antimicrobial susceptibility testing.
- Conducted hematology and transfusion procedures including CBCs, coagulation studies, blood typing, donor bleeding, cross-matching, and compatibility testing.
- Performed chemical pathology investigations including liver/kidney function, electrolytes, and biomarkers, with result validation.

Intern Medical Laboratory Scientist *2024 – 2025*

Alex Ekwueme Federal University Teaching Hospital, Abakaliki

- Rotated through Hematology, Blood Bank, Chemical Pathology, Microbiology, Histopathology, TB Laboratory, and Virology.
- Performed manual and automated hematology testing, blood grouping/cross-matching, antibody screening, phlebotomy, and specimen collection.
- Conducted microbiology, parasitology, histopathology/IHC, TB diagnostics, and HIV/HBV/HCV testing using relevant laboratory platforms.
- Performed routine chemical pathology investigations including LFTs, KFTs, lipid profiles, electrolytes, and glucose testing.

Assistant Medical Laboratory Scientist *2020 – 2022*

Alex Ekwueme Federal University Teaching Hospital, Abakaliki

- Collected, identified, handled, and processed patient specimens using appropriate laboratory procedures.
- Rotated through Hematology, Blood Bank, Microbiology, Histopathology, and Clinical Chemistry.
- Performed microscopy of blood, urine, semen, body fluids, and stool, alongside blood typing, antibody screening, and cross-matching.

EDUCATION

B.MLS, Medical Laboratory Science *2017 – 2022*

Ebonyi State University, Abakaliki, Ebonyi State

PROFESSIONAL MEMBERSHIPS

- Association of Medical Laboratory Scientists of Nigeria (AMLSN) — Member, 2024
- Medical Laboratory Science Council of Nigeria (MLSCN) — Member, 2024

CERTIFICATIONS

- Biosecurity & Biosafety Training (LabPulse Series 8.0) — YMLSF National in collaboration with NiBSA, June 2026
- Ask Questions to Make Data-Driven Decisions — Google Data Analytics Certificate, Coursera, Nov 2025
- Foundations: Data, Data, Everywhere — Google Data Analytics Certificate, Coursera, Oct 2025

TECHNICAL & CLINICAL SKILLS

Laboratory Disciplines: Hematology, Clinical Chemistry, Microbiology, Immunology, Histopathology, Blood Transfusion Science, Phlebotomy, Virology, TB Diagnostics

Instrumentation: Mindray B400, Sysmex, Selectra-Pro, ISE, Spectrophotometer, Genrui WP21B, GeneXpert, COBAS 4800

Laboratory Techniques: LAMP, Immunohistochemistry (IHC), Venepuncture & Specimen Collection, Antimicrobial Susceptibility Testing, Blood Typing & Cross-matching, Culture Media Preparation, PCR-based Diagnostics

Quality & Safety: Quality Control, Result Validation, Good Laboratory Practice (GLP), Laboratory Risk Assessment, Biosafety & Biosecurity

Additional Clinical Skills: Vital signs monitoring, prescribed injections, IV fluid setup and monitoring, wound dressing, basic bleeding control, patient monitoring, and emergency stabilization/supportive care

Data & Professional Competencies: Data Analysis, Data-Driven Decision Making, Independent Lab Management, Team Collaboration

INTERESTS

Reading and medical research | Brisk walking for fitness and wellbeing | Competitive volleyball and team sports

REFERENCES

Prof. Simon Uzor — Head of Department | usomls@yahoo.co.uk | +44 7589 537996

Dr. Victor Udoh Usang — Head of Department, Ebonyi State University | 08037243338

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