

PETER ONWUBU

Address: Rivers State, Nigeria • **Phone No.:** +234 706 882 7605 • **Email:** peterchike4ap@gmail.com

PUBLIC HEALTH

PROFILE/OBJECTIVE

Science Laboratory Technology graduate with hands-on experience in biochemistry and chemistry laboratory operations, research methodology, data analysis, and knowledge of public health, epidemiology, biostatistics, and health education. Skilled in laboratory techniques, statistical analysis, and the interpretation of complex data. Proven ability to collaborate effectively within teams, manage multiple tasks, and adapt to fast-paced environments. Seeking admittance into a graduate program where practical experience that drives academic and professional development can be acquired.

RESEARCH

B.Tech. in Science Laboratory Technology (Biochemistry/Chemistry Technology) (1st Class Honours, 4.65 CGPA). **2021.**

University of Port-Harcourt, Nigeria. | <https://www.uniport.edu.ng/>

Research Topic: Assessment of Temperature Influence on the Mobility of Nickel and Chromium Ions from Sediment to Water Column on Different Days.

Project Advisor/Supervisor: Mr. Ow'honda Ihunwo & Prof. Mrs. Millicent Ibezim-Ezeani.

RESEARCH ACTIVITIES

Conducted comprehensive temperature experiments to analyze the mobility of nickel and chromium ions in sediment and water columns.

Collected and analyzed data on ion mobility, correlating temperature variations with ion movement over several days.

Utilized advanced lab techniques to measure and document ion concentrations, ensuring accurate and reliable results for research conclusions.

ACADEMIC SKILLS

Literature Review: skilled at analyzing existing research & identifying sources.

Data Analysis: proficient in qualitative and quantitative analysis procedures.

Independent Research: profound in conducting research projects, including designing methodology, collecting and analyzing data, and drawing conclusions.

Critical Thinking: ability to objectively evaluate information & uncover biases.

Academic Writing: skilled at writing well-structured essays & research papers.

EDUCATION

B. Tech in Science Laboratory Technology (Biochemistry/Chemistry) **2021.**

University of Port Harcourt, Nigeria.

CORE KNOWLEDGE

Health Education | Community Health | Program Development | Quick Thinking
| Nonprofit Organisations | Community Engagement | Stakeholder Engagement
| Data Analytics | Clinical Research | Adaptability | Community Outreach |

Wellness | Research | Microsoft Office Suite | Collaboration | Epidemiology | Health & Safety | Health Systems | Health Promotion | Social Services | Process Improvement | Risk Assessment | Program Planning | Statistical Analysis | Project Management | Laboratory Skills | Data Analysis & Interpretation | Biochemistry | Laboratory Operations and Techniques | HTML, CSS, JavaScript | Quality Control.

SOFT SKILLS

Scheduling | Multi-Tasking | Problem-Solving | Critical Thinking | Analytical Skills | Decision Making | Attention to Detail | Strategic Planning | Interpersonal & Communication Skills | Flexibility | Collaboration

PROFESSIONAL EXPERIENCE

Laboratory Technician

Jan 2023 – Jan 2024.

Chemistry School Lab, Port-Harcourt.

- Guided interns, improving lab support and task completion quality.
- Developed a system for sample organization, reducing analysis delays by 27%.
- Ensured lab safety compliance, reducing incident risks through organized protocols.
- Prepared & labeled 200+ chemical samples for experiments with consistent accuracy.
- Maintained accurate records of lab data, streamlining analysis and reporting processes.
- Managed equipment maintenance schedules, increasing operational efficiency by 32%.
- Optimized experiment workflows, achieving a 20% reduction in lab turnaround times.
- Conducted chemical tests (titration, chromatography, spectroscopy) with a 95% success rate.

Laboratory Assistant

Jul 2019 – Dec 2019.

Nigerian Navy Reference Hospital, Lagos.

- Implemented quality control measures that reduced errors by 12%.
- Maintained strict compliance with safety protocols, reducing procedural errors by 9%.
- Diagnosed 200+ cases of malaria via microscopic analysis, contributing to treatments.
- Collaborated with a cross-functional team to achieve a 21% decrease in lab report TAT.
- Improved data entry processes, leading to a reduction in documentation inaccuracies.
- Assisted in training 5 new lab assistants, enhancing their knowledge and lab efficiency.
- Performed 300+ blood count tests weekly, improving diagnostic efficiency for hematological cases.

PROFESSIONAL COURSES

- **Website Development (The Complete JavaScript Course)**

2023.

Udemy Certificate of Completion (HTML, CSS, JavaScript).

PROFESSIONAL MEMBERSHIP AND AFFILIATIONS

- **Graduate**– Nigerian Institute of Science Laboratory Technology (NISLT). **2021 – Date.**

VOLUNTEER EXPERIENCE

Health Awareness Campaigns

Oct 2019 – Dec 2019.

Nigerian Navy Reference Hospital.

AWARDS

First Class Graduate Student and Overall Best.

EXTRA CURRICULUM ACTIVITIES

- **Mentorship Program:** Participated In the Mentorship Program, Mentoring Junior Students And Providing Guidance On Academic And Career Development.
- **Laboratory Safety Committee:** Served as a Member Of The Laboratory Safety Committee, responsible for promoting laboratory safety and compliance.