

**AJAGUNNA ADEBANKE MAYOMI**

07039042747

[aajagunna2@gmail.com](mailto:aajagunna2@gmail.com)

ORCID iD: <https://orcid.org/0000-0001-6470-4101>

---

**RESEARCH INTEREST**

---

Food safety  
Medicinal plant research  
Molecular biology and genomics  
Biosecurity

**EDUCATION**

---

**BSc** University of Medical Sciences, Ondo, Nigeria, Microbiology **July, 2021**  
Second class upper division (4.34/5.0 CGPA)  
Thesis: Isolation and Identification of *Enterobacteriaceae* from *Clarias Gariepinus* in selected fish farms in Ondo City, Ondo State, Nigeria.  
Advisor: Dr Yemisi Jeff-Agboola

**RESEARCH EXPERIENCE**

---

**Undergraduate Student**

University of Medical Sciences, Ondo, Nigeria **2021**  
Isolation and Identification of *Enterobacteriaceae* from *Clarias Gariepinus* in selected fish farms in Ondo City, Ondo State, Nigeria  
Supervisors: Dr. Y. A. Jeff-Agboola, Dr. E. T. Adebayo

- Developed appropriate research methodology
- Collected and analyzed data using SPSS version 25
- Performed ANOVA analysis on the collected data

**Research Assistant**

Various lecturers at the Department of Biological Sciences, UNIMED, Nigeria **2020-Present**

**PROFESSIONAL WORK EXPERIENCE**

---

**Quality Foods Manufacturing Enterprise Limited, Nigeria**

**Role: Intern** **September 2018 – December 2018**

- Performed tests and analysis on finished products such as juice, ketchup, pepper puree, honey, before packaging
- Carried out water treatment and water analysis, and analysis of cocoa powder for microbial contamination

**Forestry Research Institute of Nigeria, Ibadan, Oyo State**

**Role:**

**Intern**

**September 2019 – December 2019**

- Trained in the Biotechnology section and assisted in research works involving plant tissue culture, DNA isolation and extraction, biomedical research, phytochemical screenings and sustainable forest management

**Maria Mater Misericordiae Catholic Hospital, Ondo**

**Role: Intern**

**June 2020 – October 2020**

- Carried out tests such as Widal tests, ABO Blood group testing, Genotyping, Crossmatching, malaria parasite test, urinalysis.

**Fan Milk PLC, Nigeria**

**Role: Corp Member**

**February 2022 – Present**

- Assisting in quality control and quality assurance alongside the quality online team
- Carrying out microbiological analysis on finished products, water, raw materials, fresh milk and packaging materials
- Preparing agar, plating, reading of incubated plates and result interpretation
- Carrying out daily physiochemical analysis like pH, titratable acidity, total solid, fat analysis on finished products
- Proper maintenance of all laboratory equipment

**Self Employed Data Analyst and Researcher**

**2021 - Present**

- Research Assistant for the Undergraduate Research titled “Phytochemical and antibacterial evaluations of *Alternanthera repens* (L.) and honey on *Pseudomonas aeruginosa* of clinical origin” UNIMED, 2021
- Research Assistant and Data Analyst for the Undergraduate Research titled “Microbial analysis and anti-sensitivity analysis of bacteria in surface water from Ondo city” UNIMED, 2021
- Research Assistant and Data Analyst for the Undergraduate Research titled “Isolation, characterization and identification of bacteria from organic waste” UNIMED, 2021
- Data Analyst for the Undergraduate Research titled “Inactivation of spoilage microorganisms on vegetable using dip wash treatment with organic acid” UNIMED, 2021
- Research Assistant for the Undergraduate Research titled “Prevalence and antimicrobial resistance of Gram-negative bacteria isolated from foods sold in Nigerian Navy Officers’ Mess” UNIMED, 2021

#### **HONOUR AND AWARD**

---

Best Graduating B.Sc. Student, Department of Biological Sciences, UNIMED, Ondo **2021**

## TEACHING EXPERIENCE

---

**Future Forces Nursery, Primary and Secondary Schools. 2018-2020**

- Served as Subject Teacher to Primary and Secondary School Students in English Language, Mathematics, Quantitative reasoning and Biology classes.

## PRESENTATION

---

**B.Sc. Thesis Defence**

Defence of Thesis titled “Isolation and Identification of *Enterobacteriaceae* from *Clarias Gariepinus* in selected fish farms in Ondo City, Ondo State, Nigeria.” in the presence of Professors, Doctors, and Assistant Lecturers for grading in fulfilment of the requirements of the Bachelor of Science in Biological Sciences **April 2021**

## SEMINAR AND WEBINAR

---

- Research Methodology writing organized by the Department of Biological Sciences, UNIMED, Ondo State **June 2019**

## SHORT COURSE AND CERTIFICATION

---

- Jobberman Soft Skills: Jobberman **April 2022**

## PROFESSIONAL AFFILIATIONS

---

- University Of Medical Sciences Alumni Association **2022**

## COMMUNITY SERVICE

---

**Tutorial Organizing Committee for Course mates 2017– 2020**

Tutorials on Biostatistics, Molecular biology, genetics, Organic chemistry to about 10 students in 200, 300 and 400 Level Undergraduate Program

**Red Cross Society, Member**

Role: Volunteer

**2021-Present**

- Participating in Red Cross week.

- Sensitization of the public on the importance of first aid.

### **World Health Organization (WHO)**

Role: COVID-19 Peer Educator

**2021- Present**

- Sensitization of the general public on the preventive measures of COVID-19 in Oyo state, Nigeria.

### **Career Advancement Hub**

Role: Founder

**2021-Present**

- An online platform where purposeful information and discussion regarding scholarships, employability, and career improvement tips are shared amongst passionate youths.

### **LEADERSHIP EXPERIENCE**

---

- Current Secretary to a Charity Community Development Service (CDS) group under the National Youth Service Corps (NYSC) scheme.

### **INTERESTS**

---

Public Speaking | Writing | Teaching | Reading | Research | Learning | Volunteering

### **LANGUAGES**

---

**English:** Native Language, Distinguished levels in Listening, Speaking, Reading and Writing.

### **SKILLS AND COMPETENCES**

---

- |                        |                                |
|------------------------|--------------------------------|
| • Methodology Design   | • Technology Adaptation        |
| • Research Writing     | • Research and Learning        |
| • Data Analysis (SPSS) | • Data Collection & Extraction |

### **OTHERS**

---

Content writing and baking

## REFERENCES

---

**Dr. Olorunjuwon Bello**

Department of Biological Sciences

University of Medical Sciences, Ondo, Nigeria

+2348057892661

[obello@unimed.edu.ng](mailto:obello@unimed.edu.ng)

Relationship: Mentor

**Dr. Yemisi Jeff-Agboola, Associate Professor**

Department of Biological Sciences

University of Medical Sciences, Ondo, Nigeria

+2348036674706

[yjeffagboola@unimed.edu.ng](mailto:yjeffagboola@unimed.edu.ng)

Relationship: B.Sc. Supervisor

**Dr. Oyetunde Oyeyemi**

Department of Biological Sciences

University of Medical Sciences, Ondo, Nigeria

+2348163546787

[ooyeyemi@unimed.edu.ng](mailto:ooyeyemi@unimed.edu.ng)

Relationship: Mentor