

JUMMHA ADEOLA OLAYINKA

Contact Information

No. 17, Itesiwaju Estate, Soka,
Ibadan, Nigeria

+2349155569192, +2349019269742

jummhaolayinka@gmail.com

Gender: Female

PERSONAL STATEMENT

A dedicated Biochemistry graduate with a strong passion for metabolic and pharmacological research. My undergraduate research focused on investigating the inhibitory effects of alpha-amylase and alpha-glucosidase using two-phase solvent and methanol extracts of *Hunteria umbellata* seed.

EXPERIENCE

Undergraduate Researcher

Kwara State University, Kwara | 2024

- Designed and conducted experiments on glucose uptake and adsorption using plant extracts.
- Performed biochemical assays to evaluate the effects of plant compounds on glucose metabolism.
- Analyzed data using SPSS and GraphPad Prism, presenting findings in a detailed research report.

Industrial Trainee – Kwasu Water Factory

Kwara State | April 2023 – October 2023

- Assisted in quality control processes, including water purification and packaging.
- Conducted biochemical tests to ensure compliance with safety and health standards.
- Gained hands-on experience in laboratory analysis and industrial water treatment methods.

Volunteer Laboratory Assistant – Maje Primary Health Center

Ibadan | October 2024 - December 2024

- Conducted blood group and genotype testing under supervision, ensuring accuracy in results.
- Assisted healthcare professionals in laboratory procedures and patient assessments.
 - Supported elderly patients in basic exercise routines to improve mobility and circulation.
 - Educated patients on exercise-based interventions for better health outcomes.
 - Maintained proper documentation of test results and patient progress.

LABORATORY AND TECHNICAL SKILLS

Biochemical Assays & Analysis:

- Spectrophotometry, Chromatography (HPLC, TLC)
- Enzyme kinetics, biochemical assays, and cell culture studies
- Data analysis and statistical interpretation using SPSS and GraphPad Prism

Clinical Laboratory Techniques:

- Blood group determination (Agglutination method) and genotype testing (Hemoglobin electrophoresis)
- Sample collection, processing, and accurate documentation of test results

Exercise Physiology & Patient Monitoring:

- Assisted in designing and monitoring exercise routines for elderly patients
- Applied principles of clinical exercise physiology to support patient rehabilitation and improve health outcomes

Makeup Artist (Self-Employed) - GlambyJay

Ibadan | December 2024 - present

Provide makeup services for various clients, including bridal, editorial, and special events.

Specialize in soft glam, bridal glam, birthday glam and others.

- Manage client bookings, consultations, and business operations.
- Stay updated with the latest makeup trends and techniques.

EDUCATION

Kwara State University, Kwara State - B.Sc. in Biochemistry

2020 - 2024

- Relevant Courses: Enzymology, Pharmacology, Molecular Biology

ICReTI Model College, Ibadan — West African Senior School Certificate (WASSCE).

September 2017 - July 2020

- Course of Study: Sciences

PROJECTS

- Undergraduate Research** — *Alpha-Amylase and Alpha-Glucosidase Inhibitory Activities of Two-Phase Solvent and Methanol Extracts of Hunteria umbellata Seed.*
- Research Seminar:** *Ion Homeostasis in Sickle Cell Diseases.*

Quality Control & Equipment Handling:

- Quality assurance in industrial production (e.g., water quality analysis)
- Equipment handling, maintenance, and laboratory safety protocols

SOFT SKILLS

- Problem-solving and critical thinking
- Time management and multitasking
- Attention to detail and accuracy
- Teamwork and communication

REFERENCES

.Dr. R. B. Ibrahim
Project Supervisor, Kwara State University
Email:ibrahimrasheedb@gmail.com

.Mr. K. O. Alsela
Quality Control Supervisor, Kwasu Water Venture
Email:kwasuwatventure@gmail.com