

Adedeji Yusuff Adekunle

Date of birth: 09/12/1983

Nationality: Nigerian (Nigeria)

Gender: Male

CONTACT

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ABOUT ME

I am an aspiring researcher with research interest in toxicology, biomonitoring, comparative physiology, analytical chemistry, molecular biology,, epigenetics, system biology and ecological risk assessment and aiming to work in a multidisciplinary research environment that fosters creativity, innovation, strong ethical and shared cultural values consistent with team work.

WORK EXPERIENCE

20/09/2011 – CURRENT

Data Analyst & Admin/ICT Officer at Lagos State Ministry of Education

- Designing of teaching methods to enhance learners' classroom participation.
- Designing and facilitating trainings on how to enhance student learning by optimising wide range of instructional approaches and innovative classroom activities.
- Designing varieties of learning materials and resources for use in educational activities.
- Facilitated the introduction of basic computer programming activities in classroom for improving learners' analytical skills.
- Coaching and training staff on computer related concepts and on the use of Microsoft Office packages and productivity software applications.
- Proposed and developed narrative, graphical and statistical reports with alternative solutions for resolving issues, preparing correspondence and other written materials.

WORK EXPERIENCE

01/07/2015 – 31/01/2022 – Lagos, Nigeria

Research Analyst

Bliss Concept Limited

- Designing, planning and initiating research study protocols, maintained regulatory and and subject binders.
- Designing, organising and administering of data collection and analysis systems.
- Organising and facilitating of investigator and co-ordinator meetings, conferences and events associated with research activities.
- Determining the most effective approaches to new projects by reading and analyzing blueprints, drawing and sketches.
- Planning, setting up and undertaking research.
- Reviewing and evaluation of technical and scientific reports/field experimental tests result.
- Generation of reports, reviews, recommendation and solutions for policy creation, expansion and procedure modification.
- Analysing of existing environmental policies, practices, procedures and laws to determine their environmental and economic impact.

06/01/2017 – 28/02/2022 – Lagos

Laboratory Technician

Department of Marine Sciences, University of Lagos

- Maintaining, calibrating, cleaning and testing of laboratory equipment.
- Designing, planning, setting up and undertaking controlled experiments and trials.
- Collecting, preparing and/or testing samples.
- Demonstrating procedures, recording and analysis of data.
- Collation, interpretation and communication of experimental information.
- Providing technical support and interpreting complicated experimental result data to students.
- Carrying out risk assessments of intended research.

01/11/2010 – 30/07/2011 – Lagos, Nigeria

Production / Quality Control Chemist

International Paint of West Africa (IPWA) Plc

- Conducting research on currently manufactured products to evaluate and improve quality.
- Tracking experimental results, coordinated data reviews and produced detailed reports for product development use.
- Establishing quantitative goals and working with suppliers to maintain and improve quality of incoming raw materials.
- Comparing finished products against design and production specification through quality and integrity checks
- Devising formulas, processes and methods to solve technical problems and improve products.
- Coordinating the analysis of recalled products for prompt resolutions of customers' complaints.
- Initiating and facilitating the weekly Health, Safety and Environment awareness campaign among production staff.
- Monitoring the compliance of the HSE audit and enforcement level on production wastes management and pollution control.

01/07/2009 – 31/10/2009 – Lagos, Nigeria

Project Officer

Mark Calthers Consulting Limited

- Designing the appropriate strategies to adopt in responding to changes in project requirements to identify and quickly address problems.
- Adjusting of project plans to account for dynamic targets, staffing changes and operational specifications.
- Planning and maintaining of tactical control of project budgets, variables and timeline to keep teams on task and achieve schedule targets.
- Performing of detailed risk assessments to determine constraints and develop mitigation strategies.
- Designing of scope, schedules assignments for the team and sourcing for resources to meet timeline demands.
- Facilitating of the quick flow of information for defining scopes of ongoing projects and allocating resources among team members.

EDUCATION AND TRAINING

02/03/2013 – 31/12/2015

Master of Aquatic Resource and Pollution Management

University of Lagos

- Aquatic Toxicology
- Physiology and Environment.
- Water Quality Assessment and Modeling
- Aquatic Impact Assessment and Monitoring.
- Aquatic Sedimentology.
- Aquatic Environment and Human Health.
- Aquatic Pollution Control and Management.
- Biostatistic and Experimental Design.
- Contemporary Issues in Aquatic Resource Management
- Quantitative Research Methods.
- Aquatic Resource Utilization and Management.
- Aquatic Resource and Environmental Economics.
- Aquatic Environmental Laws
- Remote Sensing in Aquatic Resource and Pollution Management.
- Computer Application in Aquatic Resource and Pollution Studies
- Aquatic Economic Botany.

Field(s) of study

- Marine Sciences

4.26/5.0 | Air Quality and Environmental Wastes at Kara Market, Ogun State, Nigeria | www.unilag.edu.ng

02/02/2006 – 23/07/2009 – Nigeria

Bachelor of Science in Biochemistry

University of Ilorin, Kwara State

- Advanced Enzymology
- Tissue Biochemistry
- Lipid Biochemistry
- Protein Biochemistry.
- Clinical and Forensic Biochemistry
- Inorganic Chemistry
- Organic Chemistry
- Plant Biochemistry
- Biosynthesis of Macromolecules
- Regulatory Mechanisms.
- Chemical Kinetics and Thermodynamics
- Immunology
- Microbial Genetics and Molecular Biology.
- Lipid Metabolism
- Protein and Amino Acid Metabolism
- Bioenergetics
- Analytical Biochemistry
- Metabolism of Carbohydrates
- Nucleic Acids
- Introductory Genetics and Evolution
- .Microorganisms and Seedless Plants
- General Aspects of Metabolism.
- Introduction to to Physical and Cellular Biochemistry.
- Structure and Chemistry of Biomolecules
- Basic Physical Chemistry
- Basic Inorganic and Organic Chemistry.
- Statistics for Agriculture and Biological Science
- Cell Biology
- Introductory Ecology
- Introductory Computer Science
- Introductory Animal Diversity

- Mammalian Forms and Functions
- Plant Diversity, Forms and Functions
- Use of English

Field(s) of study

- Biochemistry

4.29/5.0 | Assessment of Potassium Bromate Levels in Samples of Selected Breads and Pastries | www.unilorin.edu.ng

DIGITAL SKILLS

Microsoft Office / Microsoft Excel / Microsoft Powerpoint / Social Media / Google Docs / Zoom / LinkedIn / Twitter / Microsoft Teams / Written and Verbal skills / Good listener and communicator / Decision-making / Organizational and planning skills / Team-work oriented / Presenting / Critical thinking / Analytical skills / Strategic Planning / Reliability / Creativity / Flexibility / Outlook / Motivated / Responsibility / Research and analytical skills / Detail-Oriented / Good time management / Conflict resolution / Excellent writing and verbal communication skills

TECHNICAL EXPERTISE

● **Technical Skills**

- Proficiency in experimental design and development of new methodology.
- Statistical and Productivity Software Application usage skills for data analysis.
- Project Management Skills which include project planning, budget planning, risk management and task management.
- Technical writing skills with excellent written communication and presentation skill.
- Analytical, Critical thinking and Problem Solving skill.
- Multi-tasking and good team working skills to work in collaboratively in multidisciplinary teams.
- Excellent interpersonal, supervisory and laboratory management Skill

MANAGEMENT AND LEADERSHIP SKILLS

● **Leadership Experience**

- Admin and Coordinator of the Eko Digital Education Programme for (Mainland Zone) - 2021
- Zonal Coordinator of First Responder of Trauma and Emergency Management (Mainland zone) - 2021
- Team Leader of Mainland Zone Education Management Information System for Schools - (2016 - 2021).
- Coordinator of the CoCurricular activities in Government Senior College - (2014 - 2016).
- Cluster Coordinator for Surulere (Zone 3) Schools for British Council's Connecting Classroom Programme - (2013 - 2016).
- Chairman of Dept of Biochemistry Undergraduate Project Work - (2009)

CONFERENCES AND SEMINARS

Conferences

- First Responder of Trauma and Emergency Management Conference - 2021
- National Conference on Environment - (2015 - 2020)
- International Conference on Sustainable African Environment (ICSAE)- (2014 - 2019)
- World Ocean Day - (2014 - 2021)
- World Environment Day - (2013 - 2021).
- Society of Environmental Toxicology and Pollution Mitigation Conference-(2013 - 2020).

Workshop

- Training on Trauma Care and Emergency Management - 2021.
- Digital Appreciation Programme - 2020
- Current Trends on Environmental Pollution Management - 2017.
- Emerging Trends in Methodologies of Teaching the Sciences - 2016
- The Effective Use of ICT Across the School Curriculum - 2014
- Modern Teaching Techniques using Interactive Whiteboard - 2013.
- Production and Utilization of Instructional Media - 2012
- Graduate Teachers' Training Programme - 2011

SEMINAR PRESENTATIONS

Presentations

I presented the following to academic experts using varieties of techniques including talks, posters and workshop. I also submitted presentations in academic writings which involves literature reviews, analysis and reports.

- Problem of Invasive Species in Ballast Water in Nigerian Aquatic Environment - 2018.
- Pollution Management in an Urban Centre - 2016
- Marine Drugs - 2014.
- Nutritional Management of Obesity - 2009

RESEARCH EXPERIENCE

Research Project II

2009: Assessment of Potassium Bromate Levels in Samples of Selected Breads and Pastries.

Undergraduate research project under the supervision of Prof. M. A. Akanji. Gained experience in chemical toxicity analysis, quantitative aspect of toxicology and food chemical analysis, histopathology, molecular biology procedures, instrumentation and techniques involved in cell culture preparation and experimental results data analysis. My research report for this project was awarded a B and it formed the basis for further analysis of the bromate levels in breads and pastries in the Ilorin metropolis.

Research Project I

2015 : Air Quality and Environmental Wastes at Kara Market, Ogun State, Nigeria

Master's Degree research project supervised by Dr. A. O. Lawal-Are. I developed in-depth knowledge, concept, technical skills and experimental design in toxicology, environmental analytical chemistry, chemical toxicity, comparative physiology, system biology, ecological risk assessment, meta-analysis and statistical analysis of experimental result data. I presented the result of this research at academic conferences.

NETWORK AND MEMBERSHIPS

Memberships

- Volunteer First Responder of Trauma and Emergency Management.
- Information Technology Science Teachers Association of Nigeria.
- Nigeria Union of Teachers, Lagos State Chapter.
- Graduate Member, Nigeria Institute of Management

HONOURS AND AWARDS

Awards

- Achieved the overall Best Graduating Student (Master of Aquatic Resources and Pollution Management, Dept. of Marine Sciences, University of Lagos) in 2016.
- Awarded the Most Dedicated Teachers' Award - GCLOBA (Government College Old Boys' Association) in 2015.
- Awarded the the Best Teachers' Award (Senior Category), Lagos State Ministry of Education, Education District IV in 2013.
- Achieved the overall Best Graduating Student, Dept. of Biochemistry, University of Ilorin in 2009.
- Received recognition and Certificate of Merit for outstanding performance and securing a CGPA of 4.29/5.0 in 2009.
- Awarded the Friendliest (Male) of Class 09, Dept. of Biochemistry, University of Ilorin in 2009.

LANGUAGE SKILLS

MOTHER TONGUE(S): English Language and Yoruba

RECOMMENDATIONS

- Dr. Isa Elegbede – Researcher – elegbisa@b-tu.de – (+49) 15314704717
Dept. of Environmental Planning,
Brandenburg University of Technology BTU, Cottbus-
Senftenberg, Germany.
- Dr. Bassey O. Bassey – Senior Research Officer – basseybo@niomr.gov.ng – (+234) 8067019883
Nigerian Institute for Oceanography and Marine Research (NIOMR),
3, Wilmot Point Road, Victoria Island,
Lagos, Nigeria.
- Associate. Prof. A. Lawal-Are – Professor – alawalare@unilag.edu.ng – (+234) 8033020969
Dept. of Marine Sciences,
Faculty of Science,
University of Lagos, Lagos,
Nigeria.
- Associate. Prof. I. C. Onyema. – Professor – ionyema@unilag.edu.ng – (+234) 8023446934
Dept. of Marine Sciences,
Faculty of Science,
University of Lagos, Lagos,
Nigeria.
- Mathias Adeyemo – Deputy Director – adeyemo_matahias@lagosstate.gov.ng – (+234) 8167079959
Lagos State Ministry of Education,
Education District IV,
Sabo, Yaba