

RESUME (CV)

SAMA'ILA YUNUSA

Department of Science Laboratory Technology
Abubakar Tatari Ali Polytechnic, Bauchi, Bauchi State, Nigeria

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PROFESSIONAL SUMMARY

Passionate and inspired high ranking lecturer in the areas of General biology, Microbiology and Biotechnology with over 25 years cognate working experience, delivering academic knowledge and skills in relevant field to multifarious number of students at ND, NCE, HND and Degree levels. Professionally trained, with background in education, to handle and accommodate students with various learning abilities, thoughts and approaches; supervising students' research work. With managerial and administrative experience, commitment, good organizational and coordinating skills, interested in research and publication, ever ready to contribute to Community and National development in any given opportunity and capacity.

BIO DATA

- Date of birth: 31st December 1970
- Sex: Male
- Place of Birth: Dogonjeji
- Local Government Area: Jama'are
- State of Origin: Bauchi
- Nationality: Nigerian
- Marital status: Married

SCHOOLS/INSTITUTIONS ATTENDED

- Central Primary School Dogonjeji, Jamaare LGA 1977-1982
- Government Teachers' College Jama'are, Bauchi State. 1983-1988
- College of Education Azare, Affiliated to ABU Zaria Nigeria. 1989-1992
- University of Maiduguri, Borno State, Nigeria. 1995-1999
- City Comprehensive Secondary Schools Bauchi (External candidate) 2012
- University of Wolverhampton, Via Birmingham United Kingdom 2015-2016

ACADEMIC QUALIFICATIONS/CERTIFICATES OBTAINED

- Primary School Leaving Certificate. 1982
- Grade II Teachers' Certificate (GII TC). 1988
- National Certificate in Education (NCE). 1992
- Bachelor of Science in Education (BSc Ed) Biology/First Degree Certificate. 2000
- National Youth Service Corps (NYSC) Certificate 2002
- Diploma Certificate in Computer Operations. 2013
- Senior Secondary School Certificate Examination (SSCE) Certificate. 2014
- Master of Science Degree (MSc) Certificate in Medical Biotechnology. 2016

APPOINTMENTS AND WORKING EXPERIENCE

- Class Teacher Kata-Kata Primary School, Jama'are LGEA, Bauchi State 1988-1989
- Practical Teaching - Government Teachers' College Misau, Bauchi State 1991
- Asst. Headmaster Central Primary School Dogonjeji, Jama'are LGA 1992-1995
- Practical Teaching, Jafra Private Schools, Federal Low-cost, Maiduguri, Borno State 1998
- Practical Teaching, Foundation Bilingual Schools Gomari Campus, Maiduguri 1999
- NYSC- Ayuele Secondary School, Agbede, Etsako West LGA Via Auchu Edo State, Nig. 2000-2001
- Asst. Headmaster, Abdulkadir Ahmad Primary School, Jama'are LGEA 2001-2002
- Headmaster, Islamiyya Nursery/ Primary School, K/Kudu, Jama'are LGEA 2002-2003
- Lecturer, Abubakar Tatari Ali Polytechnic, Bauchi, Bauchi State 2004- Date
- Resource person, Yankari Academy Limited, Bauchi, Bauchi State. 2008-2009
- Assistant Examiner, IJMBE, Institute of Education, ABU, Zaria, Nigeria. 2007,2010,2012,2018
- Resource Person, Sunnah College of Education, JIBWIS, Bauchi, Bauchi State 2013- Date
- Supervisor II, IJMBE, Kinsey College of Education, Ilorin Kwara State, Nigeria. 2019

POSTS HELD/ RANKS WHILE IN SERVICE

- Assistant Higher Education Officer, Jama'are LGEA, Bauchi State 1992-1995
- Senior Higher Education Officer ” ” 1995-1998
- Principal Higher Education Officer “ “ 1998-2001
- Lecturer III Abubakar Tatari Ali Polytechnic, Bauchi, Bauchi State 2004-2007
- Lecturer II Abubakar Tatari Ali Polytechnic, Bauchi. “ 2007-2010
- Lecturer I Abubakar Tatari Ali Polytechnic, Bauchi. “ 2010-2016
- Senior lecturer, Abubakar Tatari Ali Polytechnic, Bauchi. “ 2016-2019
- Principal lecturer Abubakar Tatari Ali Polytechnic Bauchi. “ 2019-2022
- Chief lecturer Abubakar Tatari Ali Polytechnic Bauchi. “ 2022- Date

OTHER APPOINTMENTS/ ADMINISTRATIVE SERVICES

- Programme Coordinator (Biology), SGS, ATA Polytechnic, Bauchi 2008
- Member Production Committee, ATAP Table Water Factory 2008
- School Academic Representative (Sch. of Sci. & Tech) ATA Polytechnic Bauchi 2008-2014
(*Member Academic Board, Admission and Students Verification Committees*)
- Assistant Examination Officer (Sch of Sci & Tech) ATA polytechnic, Bauchi. 2016
- Programme Coordinator, Science Laboratory Technology (SLT) Department
ATA Polytechnic, Bauchi 2017
- Deputy Director, Directorate of preliminary studies ATA Polytechnic, Bauchi 2018-2019
- Chairman Building/physical structure committee on Accreditation Exercise SLT Dept. 2024
- Member Quality Assurance Committee, Directorate of Quality Assurance, ATAP 2024- Date
- Chairman Library/Books and Journal Committee on Accreditation Exercise SLT Dept. 2024

CERTIFICATES OF MERIT/ AWARDS

- Certificate of Merit by the Academic Board College of Education Azare in Health Education NCE II 1991
- Certificate of Merit by the Academic Board College of Education Azare in Health Education Final Year 1992
- Certificate of Merit and prize by the Academic Board College of Education Azare in Physical and Health Education Final Year. 1992
- Certificates of Merit by Muslim Students Society of Nigeria (MSSN), SMS Chapter, ATAP Bauchi. 2006, 2012/2013
- Certificates of Merit by the National Union of Jama'are Emirate Students, ATAP, Bauchi. 2017,2018, 2019, 2020, 2021
- National Association of Science Laboratory Technology Students (NASLTDN) *HOD's Awards as the "Outstanding Lecturer of the year"*, ATAP, Bauchi. 2021
- National Association of Science Laboratory Technology Students' Award of Honour 2023
- Fellowship Awards by the Institute of Policy Management Development, Abuja Nig. 2024

MEMBERSHIP EXPERIENCE

- Member, Nigeria Union of Teachers (NUT) Jama'are LGEA Chapter. 1992-2004
- Member, National Association of Physical and Health Education and Recreation (NAPHER) College of Education Azare Chapter. 1989-1992
- Member, Nigeria Association of Biological Sciences Students (NABSSUM), UNIMAID Chapter. 1995-1999
- Member, National Association of Students of Education UNIMAID Chapter. 1995-1999
- Member, Muslim Corpers Association of Nigeria (MCAN) 2000-2001
- Member, Academic Staff Union of Polytechnics (ASUP) ATAP Chapter 2004- Date

PROFESSIONAL MEMBERSHIP

- Member, Biochemical Society, London, United Kingdom. 2015
- Member, Association for Science Education, Hatfield, Herts, England. 2016
- Member, Microbiology Society of Nigeria (MSN) 2021

RESEARCH AND PUBLICATIONS

- N. C. E. Research Project titled "Fitness Level of Students of College of Education Azare ". Department of Physical and Health Education, COE, Azare, Bauchi State. 1992
- Term Paper Research and presentation on "Biology and Pathogenesis of Human and Animal Trypanosomiasis". Department of Biological Sciences, UNIMAID, Borno State, Nigeria 1999
- First Degree Research Project Titled "Survey on Basic Essential Laboratory Equipments Used in Teaching Biology in Selected Secondary Schools of Bauchi State. 1999
- Antimicrobial effects of Khaya Senegalensis Stem Bark Extract on *Salmonella typhi* from cultured stool. Department of Science Laboratory Technology, ATA Polytechnic, Bauchi, Nigeria. 2014
- Term Paper Research and presentation on "Thyrotoxicosis in old Age Patients

- with Palpable Contagious Gastric Inflammation". Department of Medical Biotechnology, University of Wolverhampton, United Kingdom. 2015
- Genetic /DNA vaccines: How could we Develop an Effective and Universal Human Immunodeficiency Virus (HIV) vaccines. Department of Medical Biotechnology, University of Wolverhampton United Kingdom 2015
- Research Report on “Isolation of plasmid DNA and Identification and Estimation of DNA Fragments Sizes”. Department of Medical Biotechnology, University of Wolverhampton, United Kingdom 2015
- Masters Research Project Titled “Novel Therapeutic Approaches Against Human Immunodeficiency Virus (HIV) infection and pathogenicity ". Department of Medical Biotechnology, University of Wolverhampton, United Kingdom. 2015
- Molecular and Morphological Evaluation of *Capsicum frutescens* Treated with Colchicine and Gamma Radiation. 2017
- Various Ranges of Lipase Activity Detected from Different Species of Fungi Producing Mycotoxins 2017
- Phytochemical Screening and Bioactivity of Some Selected Nigerian Medicinal Tree Species Grown in Yankari Games Reserve of Bauchi state Nigeria 2018
- Enhancement of Qualified Mathematics and Basic Science Teachers at Senior Secondary School Level Through Admission into First Degree Programme at ATAP Bauchi. 2018
- Isolation and Identification of Microorganisms (Bacteria) Associated with Mobile Phones within Abubakar Tatari Ali Polytechnic, Bauchi, Bauchi State. 2019
- Identification of Major Effects of Cardiovascular Disease on different Blood group Samples: A Case study of Aminu Kano Teaching Hospital, Kano State Nigeria 2019
- Isolation and Identification of Salmonella Species Associated with Poultry Feeds and Droppings from Selected Animal Farms in Bauchi Metropolis, Bauchi State. 2022
- Phenotypic Detection of Cellulose Hydrolysing Bacteria from the Rumen of Cow and Goat in Bauchi Metropolis. 2022
- Antimicrobial Potential of *Syzygium aromaticum* (clove) Extracts on Multidrug Resistant (MDR) Uropathogenic Bacteria Isolated from Clinical Specimens in Bauchi Nigeria. 2022
- Published Book titled “ Essentials of Cell Biology for polytechnics and colleges” 2022
- Proposed Ph.D Research Titled “Molecular Characterization, Virulence Markers, Antifungal Susceptibility and Genetic Diversity of Dermatophytes in Bauchi State, Nigeria. 2021 – 2024
- Published Book titled “ Introduction to Cell Biology” 2024

COMMUNITY/RELIGIOUS SERVICES

- Assistant Secretary General/Acting Secretary Dogonjeji Development Association (DDA) 1998
- Member, First Aid Group of Jama'atu Izalatil Bid'ah Waikamatis Sunnah, Dogonjeji Detachment, Jamaare LGA. 2000
- Patron II Muslim Students Society of Nigeria (MSSN) SMS Chapter, ATAP Bauchi 2006 - 2013
- Patron I National Union of Jama'are Emirate Students (NUJES) ATAP, chapter 2017- Date
- Active member Unguwan Sarakuna Community Security Committee 2022 - Date
- Organizing Secretary Muslim Youths Preaching Committee Bauchi LGA 2017 - Date
- Adviser, Dogonjeji District Students' Association (DODSA) 2021 - Date

- Traditional Title Appointment as The Dan-Masani of District Head of Dogonjeji (Dan Masanin Dogonjeji). 2023 - Date

PROFESSIONAL TRAINING AND SKILLS (CONFERENCE/WORKSHOPS)

- ETF Capacity Building workshops for Lecturers of Polytechnics and Monotechnics. 2005
- Association for Science Education (ASE) Annual Conference on Practical Inspiration Across Science Teaching and Learning, University of Birmingham, UK. 2016
- ASUP 6th National Conference on National Development: Issues, Challenges and Prospects. ATA Polytechnic, Bauchi, Bauchi state. 2019
- 1st International Conference of Science and Technology Education (UNIJOS, 2020) on Assessment of Integration of ICT in Teaching Mathematics and Science in Secondary Schools in Bauchi state. 2020

ADHOC NATIONAL ASSIGNMENT

- Supervisory Assistant Registration Officer (SARO), INEC, Jama'are LGA, Bauchi State. 2004
- Facilitator, 2006 National Population Census, Darazo LGA, Bauchi State. 2006

HOBBIES

- Reading/Reciting of Holy Qur'an
- Listening to Preaching
- Watching Chinese, Arabs, Hausa and wild/geographic movies
- Traveling and visiting

PLACES VISITED (EDUCATIONAL VISITS AND TOURISM)

- JIBWIS National Islamic Preaching and Conference, Niamey, Damagaram & Maradi, Niger Republic. 2002, 2007& 2012
- The Famous City of Paris, France (in transit to Birmingham city). 2014 & 2015
- Heathrow International Airport, Train Stations and Tube (underground lines), London, UK. 2014/2016
- The Ancient City of Cairo, Egypt (in transit from London) 2014
- New Cross Hospital, Microbiology Dept., Wolverhampton, West Midlands, 2014 & 2015
- The Ancient City of Istanbul, Turkey (in transit) 2015
- Oxford University and Museum of Natural History Oxford, England. 2015
- Cambridge University Trinity College (the college Isaac Newton attended), UK. 2015
- Cambridge University Press, Cambridge City. 2015
- Cambridge University Christ's College (the college Charles Darwin attended). 2015
- Telford Campus, University of Wolverhampton, UK. 2015
- Anfield International Stadium, Liverpool, England. 2015
- Merseyside Maritime Museum Liverpool, England. 2015
- International Islamic Centre Birmingham, UK. 2015
- Buckingham Palace, British Parliament, Westminster city London and London Bridge. 2015
- Association for Science Education Annual Conference, University of Birmingham, UK. 2016
- Coventry and Southampton City Tour, England. 2016
- DX Freight (Delivery), Ashmore Lake Way, Willenhall, West Midlands, England. 2016

REFEREES

- **PROF. SHUAIBU M. MUSA (Former Rector Federal Polytechnic, Bauchi).**
Lecturer, Department of Agricultural Engineering,
Abubakar Tafawa Balewa University, Bauchi, Nigeria.

- **ALH. MUH'D KOKORI MAIDUGURI**
Lecturer, Department of Biological Sciences,
University of Maiduguri, Borno State, Nigeria.

- **PROF. BULAMA KAGU MAIDUGURI**
Lecturer, Department of Education,
University of Maiduguri, Borno State, Nigeria.

- **MAL. ILIYASU MU'AZU ALIYU (Former Registrar, College of Agriculture, Bauchi).**
Registrar, Federal Polytechnic, Damaturu,
Yobe State, Nigeria.

- **DR. TAKIS ATHANASOPOULOS**
School of Biology, Chemistry and Forensic Science, University of Wolverhampton,
via Birmingham, United Kingdom.

- **PROF PATRICIA M. LAR**
Lecturer and P G Coordinator, Department of Microbiology
Faculty of Natural Sciences, University of Jos, Nigeria.