**Dr. Sulaimon Adebisi Musbau - Curriculum vitae**

**PERSONAL BIODATA**

Date of Birth: 28th November, 1986

Sex: Male

Marital Status: Married

Permanent Home Address: Behind Oando, Gesse Phase 1, Birnin Kebbi

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[busymindsulaimon11@gmail.com](mailto:busymindsulaimon11@gmail.com)

Experience: Teaching: 10 Years

Research: 12 Years

**EDUCATIONAL BACKGROUND**

**Educational Institutions attended with dates:**

Ekiti State University, Ado-Ekiti 2013-2018

University of Ibadan, Ibadan, Oyo State 2010-2012

University of Ado-Ekiti, Nigeria (Now Ekiti State University, Ado-Ekiti) 2004-2009

ACADEMIC AND PROFESSIONAL QUALIFICATIONS WITH DATES

Doctor of Philosophy (Ph.D.) (Environmental Microbiology/Biotechnology) 2018

Master of Science (M. Sc) (Environmental Microbiology) 2013

Bachelor of Science (B. Sc) (Second Class Upper Division) 2009

**CAREER PROFILE**

**2022: Senior Lecturer**, Department of Science Technology, Waziri Umaru Federal Polytechnic Birnin Kebbi, Kebbi State, Nigeria.

**2020: Visiting Lecturer,** Department of Microbiology, Federal University Birnin Kebbi, Kebbi State, Nigeria

**2019: Lecturer I**, Department of Science Technology, Waziri Umaru Federal Polytechnic Birnin Kebbi, Kebbi State, Nigeria.

**2015-2018: Lecturer II,** Department of Science Technology, Waziri Umaru Federal Polytechnic Birnin Kebbi, Kebbi State, Nigeria.

**2013-2015: Lecturer II,** Department of Microbiology, Ecole Professionelle Specialisee University (EPS), Akpakpa, Cotonou, Republic of Benin.

**RESEARCH EXPERIENCE**

**2013 - 2018**

* **Ph.D**-“Optimization and Biotechnological Techniques of *Lysinibacillus sphaericus* in the Biodegradation of Domestic Wastewater*”* Ekiti State University, Nigeria.

**2010 - 2012**

* **M.Sc -** Bioaccumulation of Heavy Metals Using Selected Heavy Metal Tolerant Organism Isolated from Orita- Aperin and Awotan Dumpsite Leachate In Ibadan, Nigeria. University of Ibadan, Nigeria.

**2004 - 2008**

* **B.Sc** - Determination of Antibodies to Hepatitis C antigen from patients at Federal Medical Centre, Ido-Ekiti, Ekiti State. (B.Sc Dissertation), University of Ado-Ekiti, Nigeria.

**2014 - TILL DATE**

Research Guide for B.Sc, PGD, M.Sc, PhD Students

**AREA OF SPECIALIZATION**

Molecular Biology

Microbial Enzyme technology - Medicinal & Industrial uses

Environmental Biotechnology

Microbial Biotechnology

**ACADEMIC AND ADMINISTRATION PROFILE**

* Appointed as Chairman for Academic Manuscript to Book Development, Department of Science Technology, Waziri Umaru Federal Polytechnic Birnin Kebbi, Kebbi State, Nigeria, 15th June, 2021.
* Appointed as Examination officer for Department of Microbiology, EPS University
* Appointed as Program Coordinator of Department of Microbiology, EPS University
* Staff Selection Committee member in School of Health and Applied Sciences, EPS University.

**MEMBERSHIP OF LEARNED PROFESSIONAL SOCIETY**

American Society of Microbiology (ASM)

Biotechnology Society of Nigeria (BSN)

British Ecological Society (BES)

Nigeria Society of Microbiology

**SCHOLARSHIP AND PRICES:**

|  |  |  |
| --- | --- | --- |
| **Scholarship Tag** | **Awarding Body/Society** | **Date of Awards** |
| Award of Excellence (BS.c)  Award of Excellence (MS.c) | Ekiti State Scholarship Board  Ekiti State Scholarship Boar | 2008  2013 |

**RESEARCH INTEREST**

* Water/Waste water Treatment and Management
* Bioremediation of Waste (Liquid)
* Environmental Management and Monitoring

**PROJECT COMMISSIONED**

In situ and Ex situ Bioaccumulation of Heavy Metals Using Selected Heavy Metal Tolerant Organism Isolated from Awotan Dumpsite Leachate In Ibadan in collaboration with Waste Management Board, Ibadan, Oyo State, Nigeria.

**PUBLICATIONS**

**a. Publications in Learned Journals**

1. **Sulaimon A. M.,** Odeyemi A. T., Ogunjobi A.A., Ibrahim I.S. (2014). Bioaccumulation of Heavy metals using Heavy metal resistant organisms isolated from selected dumpsites in Ibadan, Nigeria, *Journal of Nature Sciences Research*, 12(10):101-106.
2. **Sulaimon A. M** and Akinwotu O*.*O. Amoo O. T (2015). Resistance of bacteria Isolated from Awotan dumpsite leachate to Heavy Metals and Selected Antibiotics, Nigeria, *International journal of Research in pharmacy and biosciences* (IJRPB),2(9), 8-17.
3. Ogunjobi A. A., Adewola O. V., **Sulaimon A.M** (2016): Movement of Bacteria through Sand of Different Particle Sizes and Porosities. *International Journal of Research in Pharmacy and Biosciences* 3(I2):1-8.
4. Sorungbe A. A, Badmus H. A, **Sulaimon A. M** (2016)**:** Effect of Ultraviolet Irradiation on Egg Hatching of Tropical Warehouse Moth (*Ephestia cautella*), Development of its Adult and Mortality. *International Journal of Research in Pharmacy and Biosciences* 3(7), 23-27.
5. Aderiye B. I. and **Sulaimon A. M**(2017): Optimization and lipase production of *Lysinibacillus sphaericus* in domestic oil rich waste water, *Biotechnology Journal international* (*BJI*)19(4): 1-12.
6. Olusola O. A., Aderiye B. I., **Sulaimon A. M***.*, and Bello M. O.(2017): Growth pattern of *Pseudomonas aeruginosa* in different waste water media. *International Journal of Environment, Agriculture and Biotechnology* (IJEAB).2(5), 2622-2688.
7. Aderiye J. B. and **Sulaimon A. M*.*** (2018): Environmental pollution: Microorganisms and spread of infectious diseases.[*Journal of Disease and Global Health*](http://www.ikpress.org/journal/40)*.* 11(2): 48-71.
8. **Sulaimon A. M***.,* Aderiye B. I and Odeyemi A. T (2018): Assessment of Mineral Accumulation by *Lysinibacillus sphaericus* from Restaurant Liquid Waste. *South Asian Journal of Research in Microbiology* 1(3): 1-8.
9. Odeyemi A. T., **Sulaimon A. M.,** Odunmbaku E., and Afolabi I. E. (2018): Bacteriological Contamination of User Interface of Automated Teller Machines (ATM) of Banks in Ekiti State University, Ado-Ekiti. *International Journal of Research Studies in Microbiology and Biotechnology* (IJRSMB) 4(3): 10-17.
10. **Sulaimon A. M*.*** And Aderiye B. I. (2018): Characterization and Degradation of Fatty Acid Methyl Esters Generated from Domestic Wastewater. *International Journal of Research Studies in Microbiology and Biotechnology* (IJRSMB) 4*,* (3)*,* 18-27.
11. Aderiye B. I., Akinyeye R., **Sulaimon A. M*.,*** Olusola O. A., Fayokemi K., and Ojo E. D. (2019): Monitoring Fungal Degradation of Low-Density Polyethylene (LDPE) from Plastic Wastes Dump Sites using FT-IR Spectra. *Microbiology Research Journal International* (MRJI) 26, (1): 1-15.
12. **Sulaimon A.M.** and Badmus H.A. (2021): Micro and Macro (organisms) and their contributions to Soil fertility. *Frontiers in Environmental Microbiology*. 7, (2): 44-56.
13. Abdulkadir M.\***, Sulaimon A.M,** andSamira A. (2021): Evaluation of Antibiotic Potential of Crude Culture Extract of Lactic Acid Bacteria on Multi-Drug Resistance Farm Animal Pathogens. *Advances in Bioscience and Bioengineering.* 9, (2): 20-24.
14. Abdulkadir M, Muhammed Y, and **Sulaimon A.** (2021):In VivoEvaluation of Soya Beans Flour Fermented with Lactic Acid Bacteria as a Potential Probiotic Food. *Microbiology Research Journal International*. 31(4): 16-27
15. Abdulkadir M, Muhammed Y, and **Sulaimon A.** (2021):Exploitaton of the functional properties of *Leuconostoc mesenteroides* and *Lactobacillus plantarum* as probiotic using soyabeans flour as vehicle. *Microbiology Research Journal International*. 31(4): 16-27.
16. Abdulkadir M.\***, Sulaimon A.M,** Samira A. (2021): Isolation and Identification of Pathogenic Bacteria Associated with Farm Animals. *International journal of Biomedical Science and Bioengineering.* 9, (3): 59-66.
17. **Sulaimon A. M**., Akinyemi K. O., Akanbi O. S., Badmus H. A., Ogunlade O. A., Ogunlade C. A., Nafisat S. T.(2021): Screening of *Ficus exasperata* for antibacterial activities against clinical isolates of *Salmonella typhi* and *Escherichia coli*. Accepted *Microbiology Research Journal International* (MRJI).
18. **Sulaimon A. M***.,* Aderiye B. I. and Odeyemi A. T (2021): Production, Estimation and Optimization of Alpha Amylase Isolated From Wastewater. Accepted in *Global Journal of Research Analysis* (GJRA).
19. **Sulaimon****A. M*.*** (2021): Green Synthesis of Silver Nanoparticles obtained from Lysinibacillus sphaericus C3-41, Its Chemical Compositions and Biotechnological Utilization in the Treatment of Biofilm. *Accepted in* Journal of Biotechnology and Bio-resources (JBB).
20. **Sulaimon A. M*.*** and Aderiye B. I. (2021): Synergistic Effect of Protease and Silver Nanoparticle in the Removal of Wastewater Biofilm. *Accepted in Journal of Biotechnology* (IJB).

**b. Selected Conference/Workshops Attended**

**1.** Screening of Ficus Exasperata (Sand Paper) for Antibacterial Activities against Clinical Isolate fof Salmonella typhi and Escherichia coli” Paper presented at the 22nd Annual National Conference on The role of Science and Technology in Curtailing insecurity and corrupt practices in Nigeria, 25th – 27th August, 2022 School of Science and Technology, Federal Polytechnic, Mubi, Adamawa State.

**2.** Green Synthesis of Silver Nanoparticles obtained from *Lysinib*acillus Sphaericus C3-41, Its Chemical Compositions and Biotechnological Utilization in the Treatment of Biofilm” Paper presented at the 6th International Conference Of School Of Science 21st-22nd September, 2022 Science and Technology: Accelerator for Innovation and Transformation, Yaba college of Science and technology, Lagos-Nigeria.

3. Antibacterial Potential of cell free Supernatant from Lactic Acid Bacteria against farm animal pathogens. Paper presented at the ASUP 1st International Conference on Innovative and Sustainable Development of Nigeria Economy through Leather Science, Technology and Arts Amidst Covid-19 Pandemic, 29th – 30th November, 2021at Nigeria Institute of Leather and Science Technology (NILEST) Zaria Chapter.

**3. Chairman,** Scientific Technical Session, 8th ASUP National Conference, 16th – 17th Nov, 2021, Waziri Umaru Federal Polytechnic, Birnin Kebbi, Kebbi State, Nigeria

**4. Rapporteur,** Technical Session, 39th National Solar Energy Society (NASEF) Conference, 31st – 2nd December, 2021, Waziri Umaru Federal Polytechnic, Birnin Kebbi, Energy Commission of Nigeria and Sokoto Energy Research Center

**5. Facilitator,** Ecole Professionelle Specialisee University (EPS), Republic of Benin in collaboration with Center for African, Caribbean and Community Development, University of Massachusetts, Boston, USA on Executive Leadership Development Seminar (ELDS) Workshop, March 19th – 20th, 2018. Akpakpa, Cotonou, Benin Republic.

**6. Speaker and Trainer**, Skill Acquisition Workshop on “Sustainable Community Development” February, 2017. Organized by Ecole Professionelle Specialisee University (EPS), Republic of Benin.

**7. Seminar,** on Biofertilizer Production, June 14th – 20th, 2016. Organized by Ecole Professionelle Specialisee University (EPSU), Cotonou, Republic of Benin.

**8. Chairman,** Book Development Committee, College of Science and Technology, Waziri Umaru Federal Polytechnic, Birnin Kebbi, Kebbi, Nigeria.

**Member of Editorial Board:**

International Journal of Pharmacy and Biosciences

International Journal of Applied Microbiology and Biotechnology

**Peer-review**

Asian Journal of Biotechnology and Bioresource Technology, SCIENCEDOMAIN *International,* USA.

**REFEEREES**

Available on request