

Prof. M.B. Yerima, FNSM

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Expert in Bioremediation and Public Health Microbiology



OBJECTIVE:

- To work in a challenging, result-oriented and merit driven environment with opportunities for career development and advancement.
- To achieve professional distinction in my career and add unmatched values to humanity and to the growth and advancement of any organization I find myself.
- To meet specialized and changing needs of the society by proffering useful suggestions in challenging situations.

INSTITUTIONS ATTENDED WITH DATES:

DATE	INSTITUTION
2004-2012	University of Jos, Nigeria ❖ Ph.D. Applied Microbiology ❖ Ph.D. THESIS: Effect of Some Selected Wastes on Bacterial Degradation of Bonny Light Crude Oil Spilled on Agricultural Farmland (Bioremediation)
1998-2001	University of Jos, Nigeria ❖ M.Sc. Applied Microbiology & Plant Pathology ❖ Thesis entitled: “Thermophilic Biogas Fermentation of Chicken Droppings and the Effect of the Effluents on <i>Oreochromis niloticus</i>. (Bioenergy and Public Health)”
1988-1994	Usmanu Danfodiyo University, Sokoto, Nigeria ❖ B.Sc. (HONS) Microbiology
1983-1986	Government College Sokoto (Now Nagarta College Sokoto) West African School Certificate
1981-1983	Giginya Memorial College (Now Giginya Mem. Sec. Sch.) Junior School Leaving Certificate
1976-1981	Magajin Rafi Primary School, Sokoto

DISTINCTIONS AND AWARD RECEIVED

1. Merit Award Certificate: Biotechnology Student Society of Nigeria (BSSN), Federal University Dutse 2019
2. Achiever's Award: Nigerian Society for Microbiology, South West Zonal Chapter in ADELEKE University, Ede, Osun State, Nigeria. 2018
3. Award of Recognition: National Biosafety Management Agency, 2016
4. Fellow of the **Nigerian Society for Microbiology**
5. Won 1st Prize position throughout my Primary and Junior levels
6. Appointed Class Monitor throughout my Pri. and Sec. School levels
7. Appointed House Prefect (Blue House) Giginya Memorial College, Sokoto.
8. Appointed House Prefect (Waziri House) Government College Sokoto
9. Appointed Class Representative (100 Level-400 level).
10. Appointed Class Representative (M.Sc. Class of 1998-2001).
11. Won 1st Prize for the best behaved graduating male student (1994)
12. Won 1st Prize for the overall best behaved graduating students (1994)
13. Won the award of excellence as the most Consistent Lecturer (BIOSSA, 2006)
13. Won a cash award of 400 USD for presenting one of the best Papers at the 1st International Conference, Exhibition and Workshop on Biotechnologies for

Improved Productions of Oil and Gas in the Gulf of Guinea, held at Nicon Luxury, Abuja (3rd-6th April, 2009).

14. Research Team Leader: Data generation for the Construction of NNPC Mega Station, Sokoto.

15. Graduate Studentship Research Assistance from Shell Petroleum Development Company (SPDC), Port Harcourt.

16. BEST Lecturer Award 2010/2011, 2011/2012 Session

TEACHING AND RESEARCH EXPERIENCE

❖ Teacher:	Government Secondary School Okpo, Olamaboro Local Government Area, Kogi State, Nigeria	(NYSC)
❖ Graduate Assistant	(Research and Teaching Microbiology)	1995-1997
❖ Assistant Lecturer	(Research and Teaching Microbiology)	1997-2001
❖ Lecturer II	(Research and Teaching Microbiology)	2001-2003
❖ Lecturer I	(Research and Teaching Microbiology)	2003-2012
❖ Senior Lecturer	(CONUASS 5/1)	Oct 2012-April 2013 UDUS
❖ Senior Lecturer	(CONUASS 5/8)	April 2013-Oct. 2014 FUD
❖ Associate Professor	(CONUASS 6/3)	October 2014 to Oct. 2016 FUD
❖ Professor of Appl. Env't. Microbiol	(CONUASS 7/3)	October 2016 to Date
❖ External Examiner	Gombe State University (Undergraduate)	2015,2017
❖ External Examiner	Ahmadu Bello University (Postgraduate)	2016,2017
❖ External Examiner	Nassarawa State Univ. (Postgraduate)	2016/2017
❖ External Examiner	ATBU, Bauchi (Postgraduate)	2017/2018
❖ External Examiner	ATBU, Bauchi (Undergraduate)	2018-Date
❖ External Examiner	KUST, Wudil (Postgraduate)	2017/2018
❖ Visiting Professor	Gombe State University	October, 2018 to Date

MEMBERSHIP AND PROFESSIONAL/ACADEMIC BODIES

- Member: Nigerian Society for Microbiology
- Member: Biotechnology Society of Nigeria
- Member: European Federation for Biotechnology
- Member: Association of Microbiologists of India
- Member: Society for General Microbiology (UK)
- Member: Society for Applied Microbiology (UK)
- Member: BIT Life Sciences, Dalian, China

CAUSES TAUGHT

- Petroleum Microbiology,
- Microbial Physiology and Metabolism,
- Microbial Genetics and Molecular Biology,
- Environmental Microbiology/Biotechnology,
- Analytical Microbiology,
- Research Methodology and Biostatistics

SUPERVISION OF RESEARCH STUDENTS

i) Postgraduate Supervision (M.Sc.)

1. Adeniyi Olarewaju ADELEYE (SP/Ph.D./MB/15/001)- Influence of Composted Cocoa Pod Husk and Cowdung on Microbial Degradation of Spent Engine Oil Polluted Soil (Ongoing)

Abdulkareem Afolabi Ibrahim (08211306032)- Mathematical Modelling of Bacterial Growth in Foods (Completed)

2. Shehu Anwaaruddeen Dogondaji (08211306007)- Deterministic Mathematical Model on Asthma Disease Dynamics in Sokoto (Completed)

3. Sani Abubakar Fakai (09211306017)- Deterministic Mathematical Model of Cholera Dynamics in Kebbi State, Nigeria (Completed)

4. Isah Abdullahi (08211313003)-Quality Assessment of Ground and Pipe Borne Water Sources Around Some Mechanic Workshops in Sokoto Metropolis (Completed)

5. Jibril Umar Gero (09211308001)-An Assessment of Microbiological and Physicochemical Properties of Soil contaminated with Sewage Sludge in Usmanu Danfodiyo University Garden (Completed)

6. Abdullahi Adamu (09211308003)-Studies on Microorganisms Associated with aerial Part of Rice and their sensitivity Profile to Some Selected Plant Extracts (Completed).

7. Osaze Eghosa (09211308015)- Bioremediation of Crude oil Contaminated Soil Using Cowdung as Bioenhancement Agent (Completed)

8. Aminu Abba (0811312010)- Studies on Production of Biogas and Bioethanol from Millet Husk (Completed)

9. Ikechukwu Nancy (NDA/PGS/FS/M/12..../12)- Screening Some Bacterial Isolates of Panteka Stream for Insecticidal Property

10. Abubakar Ibrahim Yusuf (NDA/PGS/FS/M/1262/13)-Molecular Detection of *Vibrio cholerae* in Sources of Drinking Water in Kaduna, NIGERIA (Completed)

11. Jabbo Astaharam Ardo (NDA/PGS/FS/M/1272/13)-Metagenomics Approach for Screening Some Bacterial Agents of Respiratory Disease (Completed)

12. Salihu Saadatu Bello (NDA/PGS/FS/M/1267/13)- Cloning of Papain Gene from Pawpaw (*Carica papaya*) into a Competent Bacteria for Industrial Application (ongoing)

13. Richard Rebecca ((NDA/PGS/FS/M/1741/14)-Phytochemical and Antibacterial Effect of Leaves and Stem Extracts from *Jatropha curcas* on Multi Drugs Resistant Nosocomial Bacteria (Completed).

14. Lekwot-Chindo Gimbia (NDA/PGS/FS/M/1818/14)- Molecular Characterization of Biogas Generating Bacteria From Waste (Ongoing).

15. Yakubu Samson Dikko(NDA/PGS/FS/1276/13)- Molecular Characterization and Biodiesel Production From Two Local Strains of Microalgae (Ongoing)
16. Muhammad Abdullahi (NDA/PGS/FS/1813/14)- Biodecontamination of Heavy Metals from Tannery Effluents in Sokoto Using Fungal Microflora (Completed).
17. Yusuf Olalekan Abdul Hakeem ((NDA/PGS/FS/1750/14)- Risk Factors and Clinical Implications of Human Parvovirus B19 Viraemia among Sickle Cell Patients and Blood Donors in Zaria, NIGERIA (Completed).

ii) Undergraduate Supervision

1. Gabriel Garba Gana (0811307095)-Bioethanol Production Potential of Some Common Algae (2011/2012)
2. Bashir AbdulRazak (0811307003)-Comparative Biomethanation of some common Algal Substrates (2011/2012)
3. Williams Ebum (0811307056)- Effect of Crude Oil Spill on Microalgae Biomass Production (2011/2012)
4. Maryam Umar Bagudo (0921307007)-Assessment of the Effect of Dried Water Hyacinth (*Eichhornia crassipes*) in Bioremediation of Heavy Metals Contaminated Ponds (2011/2012)
5. Bello Abubakar (0711307034)-Algal Biomass Production Using Different Levels of Cowdung as Organic Nitrogen Source (2010/2011).
6. Salamatu Abubakar (0711307039)-Biovanillin Synthesis using Local Microbial Isolates and Ferulic acid as a Precursor (2010/2011).
7. Jamilu Sani (0711307058)-Evaluation of Locally made Photobioreactors for Algal Biomass Propagation and Production of Biodiesel (2010/2011).
8. Zalihatu Jelani (0711307029)-Effect of Melon Seed Extracts on Bacteria Isolated from Human Eye (2010/2011).
9. Abdullahi Bello Yusuf (0711307048)-Comparative Antibacterial Activity of Some Cola species (2010/2011).
10. Yakubu Muhammed Mustapha (0711307018)-Effect of Some Physiological Parameters on Algal Growth and Biodiesel Production (2010/2011).
11. Apang Hannatu Takum (0711307037)-Biogas Production Using Algal Biomass of *Desmidium digitatus* (2010/2011).
12. Machika Farida (0611307051)- Microbial Succession During Bioethanol Production From Sugarcane Bagasse (2009/2010).
13. Aminu Mohammed (0611307043)- Biosurfactant Mediated Degradation of Bonny Light Crude Oil (2009/2010)
14. Kamaluddeen Kabir (0511307022) -Biostimulatory Effect of Processed Sewage sludge in Bioremediation of Crude oil contaminated Soil (2008/2009).
15. Abdul Kareem, T.J. (0511307066) - Co-fermentation of Rice husk and wasted smoked sugarcane for Bioethanol Production (2008/2009).
16. Mustapha Gani (0511307003) - Molecular Detection of Indicator Organisms in Water Supplied to Households in Sokoto Metropolis (2008/2009).
17. Ahmed Bello (0511307038) - Comparative Bioutilization of GSM Recharge Cards by Microorganisms (2008/2009).

18. Ibrahim, Y.D. (0511307064) – Molecular Detection of bacteria in Dye Contaminated Soil (2008/2009).
19. Ibrahim, A. (0511307007) – Assessment of River Rima for Heavy metals Contamination and Laboratory based Bioremediation (2008/2009).
20. Regina, O. (0411307069) – Bioremediation of Produced water emanating from a Tannery: A case study of Unguwar Rogo Tannery (2008/2009).
21. Oricha, M.S. (0511307049) – Assessment of River Rima for Polyaromatic Hydrocarbons Contamination and Laboratory based Bioremediation (2008/2009).
22. Aiyelabegan, M.T. (0511307035) – Buffered biodegradation of Water hyacinth amended Oily Sludge from Cars (2008/2009).
23. Unogu, C.C. (0511307060) – Bioremediation of Produced Water emanating from Dyeing Centres in Sokoto Metropolis (2008/2009).
24. Oluwafunke Ogundipe (0411307024)–Bioethanol Production Using Corn-cob by Local yeast (2007/2008).
25. Kabir, A.Y. (0521307013) – Bioethanol Production from Co-fermentation of Corn-cob and Groundnut Shell (2007/2008).
26. Iliya, M.M. (0411307011) – Developing Algal Biomass for the Production of Biodiesel (2007/2008).
27. Amina-ABDULLAHI, A. (0411307058) – Incidence of Candidiasis in non VVF and VVF patients Attending Maryam Abacha Hospital, Sokoto (2007/2008).
28. Ibrahim Hussaini (0411307044) - Assessment of Practical Bioremediation on Simulated Ponds Using Digested Chicken Droppings (2007/2008).
29. Bilalu Isah (0411307073) - Periodic Detection of *Escherichia coli* 0157:H7 in Raw meat Sold at Sokoto Abattoir (2007/2008).
30. Mahdi, A.A. (0411307059) – Antifungal Activity of Aqueous Extracts from Parts of *Tamarindus indica* (/20072008)
31. Zahriyya-ABDULRAHMAN, G. (0411307035) – Antifungal Activity of Ethanolic Extract from Parts of *Tamarindus indica* (2007/2008).
32. Amina-Dikko, A. (0411307056) - On-farm Assessment of Lettuce for *Escherichia coli* 0157:H7 (2007/2008).
33. Bashar, S.S. (0411307028) – Effect of Crude Oil on Ringworm Fungi Isolated from Clinical Cases (2007/2008).
34. Adewumi, M.T. (0311307022) – Microbial Stabilization of Some Selected Wastes for Organo-Mineral Fertilizer Production (2007/2008).
35. Oseni, I.S. (0421307007) – Effect of Different wastes on Microbial Population Dynamics and Growth of Spinach (*Amaranthus caudatus*) (2006/2007).
36. Rukayyat-KOLAWOLE, B. (0421307051) – Effect of organic Nitrogen on Bioethanol Production from Water hyacinth (*Eichhornia crassipes*) (2006/2007).
37. Ogwu, A. (0311307048) – Effect of Organic Nitrogen Source on Bioethanol Production from Sawdust by *Saccharomyces cerevisiae* (2006/2007).
38. Gwandu, A.H. (0311307067) - Screening Some Locally Produced Juice Drinks for *Escherichia coli* 0157:H7 (2006/2007).

39. Attah, N. (0311307056) - Screening Roasted meat and Some Common Vegetables for *Escherichia coli* 0157:H7 (2006/2007).
40. Aminatu-ABUBAKAR, G. (0311307030) - Effect of Different Combinations of Some Selected Wastes on Laboratory based Bacterial Degradation of Bonny Light Crude oil (2006/2007).
41. Aisha-BILYA, Y. (0311307038) – Evaluation of Seed Extracts from *Moringa oleifera* in Water Disinfection (2006/2007).
42. Auwalu, I. (0311307063) – Determination of the Efficacy of Seed Extracts from *Moringa oleifera* on Some Clinical Bacterial Isolates (2006/2007).
43. Kashari, O. (0211307035) – Effect of Neem Extracts on Bacteria Isolated from Adult Mouth (2006/2007).
44. Nafisat-SHITU (0211307036) – Isolation of Crude oil Degrading Bacteria from Decayed fruit Peels (2005/2006).
45. Habu, I. (0211307032) – Screening Bacteria for their Ability to Utilize Some Common Detergents Used in Various Households (2005/2006).
46. Mada, A.Y. (0211307033) - Comparative Biogas Production Potential of Banana and Pineapple Peels (2005/2006).
47. Isiaka, A. (0211302030) – Random Screening of Coagulase negative *Staphylococcus aureus* for Bioremediation Using UV irradiation (2005/2006).
48. Nonyelum Christiana Elobi (0211307030)-Mycological Evaluation of Roasted Groundnut for Mycotoxic Fungi (2005/2006).
49. Agbande, K. (0321307003) - Application of Hazard Analysis of Critical Control Points (HACCP) to evaluate Microbiological Safety of branded Yoghurt (2005/2006).
50. Anosike, R.C. (0211307031) – Bacteriological Assessment of Utensils Used in Serving Food: A case study of Some Food Selling Points in Sokoto Motor Park (2005/2006).
51. Khadija-ALIYU, A. (0211307029) – Comparative Effect of Different Parts of Neem Tree (*Azadirachta indica*) on *Escherichia coli* 0157:H7 (2005/2006).
52. Annah-Ogunwole, O. (0211307038) – Studies on Microbial Deterioration of Made in Nigeria Paints (2005/2006).
53. Abiona-BELLO, A. (0211307040) – Fungi Associated with Contamination of Rice (2005/2006).
54. Zalihat-ABUBAKAR, T. (0011307044) – Microorganisms Associated with Some Selected Beverages and Their Antibiotic Sensitivity Profile (2004/2005).
55. Blessing-SULE, E. (001307041)-Comparative Effect of a Newly Produced Soap on Bacteria Isolated from Human Armpits (2004/2005).
56. Shahida-ADAMU, A. (0011307022) – Isolation of *Listeria monocytogenes* from Different Yoghurt Products Sold in Sokoto Metropolis and its Antibiotic Sensitivity Profile (2004/2005).
57. Olabisi, J. (001307010) – Isolation of *Listeria monocytogenes* from Leafy Vegetables and its Antibiotic Sensitivity Profile (2004/2005).
58. Martina-ITODO, E. (991307007) – Determination of a Bacteriological Quality of Water Supplied to Usmanu Danfodiyo University Community Using Membrane Filter Technique (2003/2004).

59. Mahi, S.R. (99/1307019) – Studies on Bacterial Flora Associated with Abdominal Content of Fish Caught from River Rima Sokoto (2003/2004).
60. Binta-YA'U, Z. (99/1307036) – Microorganisms Associated with Deterioration of Drugs (2003/2004).
61. Amina-IBRAHIM, M. (99/1307038) – Bacteria Associated with Urinary Tract Infections in Women Attending Specialist Hospital, Sokoto (2003/2004).
62. Aminu B. (002307007) – Antimicrobial Properties of *Moringa oleifera* leaves (2003/2004).
63. Nwachukwu, K. (99/1307033) – Studies on Microbial Population Dynamics in Crude Oil Contaminated Soil (2003/2004).
64. Fatima-EVUTI, M. (97/1307019) – Antimicrobial Activities of Velvet Tamarind (*Dialium guineese*) Used as Chewing - Stick on Bacteria Isolated from Mouth (2002/2003).
65. Selimot-ABIOLA, A. (98/1307002) – Studies on Amino Acid Profile of Anaerobically Digested Water hyacinth (*Eichhornia crassipes*) (2002/2003).
66. Jonathan, B. (99/2307012) – Studies on Microflora of Students' Hostel in Usmanu Danfodiyo University, Sokoto (2002/2003).
67. Surayya-BUHARI, R. (98/1307004) – Microbiological Assessment of Pharmaceutical Preparations Used for Infant Medication in Selected Households of Sokoto-North L.G.A. (2002/2003).
68. Mayaki, I.S. (99/2307002) – Effect of Crude Extracts from Garlic (*Allium sativum*) on *Staphylococcus aureus* Isolated from Human Subjects (2002/2003).
69. Suleiman, Z. (97/1307030) – Detection of Indicator organisms in Roasted meat Sold at Dandima Suya Spot and Their Antibiotic Sensitivity Profile (2000/2001).
70. Umar, F.M. (98/2307002) – Fungi Associated with Left over Meat Sold at Sokoto Central Market (2000/2001)
71. Muhammad, D.B. (97/1307013) – Effect of Some Antiseptic Soap on Bacteria Isolated from Human Body (2000/2001).
72. Balogun, A.A. (98/2307006) - Laboratory based Degradation of Light Crude oil by Aquatic Phycomycetes (2000/2001).
73. Rakiya-MOHAMMED, A. (97/1307006) – Bacteria Associated with Raw and Processed Imported Fish Sold in Some Parts of Sokoto Metropolis (2000/2001).
74. Aisha-ABDULKAREEM (97/1307026) – Determination of Crude Protein Level and Ash Content of Anaerobically Digested Water hyacinth (*Eichhornia crassipes*) (2000/2001).
75. Sani, H. (95/1307001) – Biogas co-fermentation of Water hyacinth (*Eichhornia crassipes*) and Chicken Droppings Using Rumen Bacteria (99/2000).
76. Abiola, M.A. (96/1307011) – Biogas Fermentation of Water hyacinth (*Eichhornia crassipes*) Using Rumen bacteria and the Effect of the Fermented Residue on Live Weight Gain of *Tilapia* sp. (98/99).
77. Aiki, E.S. (96/1307008) – Effect of Biogas Fermentation of Cowdung on Faecal Bacteria and Parasite Eggs (98/99).

SOME SELECTED PUBLICATIONS

1. Adeleye O.Adeniyi; **Mohammed B. Yerima**; Michael E. Nkereuwem; Victor. O. Onokebhagbe; Peter G. Shiaka; Florence, K. Amoo and Ibrahim K. Adam (2019). Effect of Organic Amendments on the Decontamination Potential of Heavy Metals by *Staphylococcus aureus* and *Bacillus cereus* in Soil Contaminated with Spent Engine Oil. *Novel Research in Microbiology Journal*, 3 (5): 471-484.
2. Ibrahim Khalil Adam, Abdullahi A. Imam and **Yerima Mohammed Bello** (2017). Remediation of Soil Contaminated with Toxic Organic Compounds Using Microorganisms. *Bayero Journal of Pure and Applied Sciences* 10(1): 148-152.
3. Adeleye, A.O.; **Yerima, M.B.**, Nkereuwem, M.E. and Onokebhagbe, V.O. (2017). Biostimulatory Effect of Organic Nutrients on Spent Engine Oil and Hydrocarbon Related Soil Pollution: A Review. *International Journal of Applied Research and Technology* 6(7):52-60
4. Adeleye, A.O.; Nkereuwem, M.E.; Omokhudu, G.I.; Amoo, A.O.; Shiaka, G.P. and **Yerima, M.B.** (2018). Effect of Microorganisms in the Bioremediation of Spent Engine Oil and Petroleum Related Environmental Pollution. *Journal of Applied Science and Environmental Management* 22(2):157-167
5. Richard, R.; Denwe, S.D.; **Yerima, M.B.** and Olatunde, S.K. (2018). Polymerase Chain Reaction Based Amplification of 16s rDNA from Three Nosocomial Bacterial Isolates in Kaduna State, Northern Nigeria. *African Journal of Biotechnology* 17(7):206-212.
6. Farouq, A.A.; **Yerima, M.B.**; Shehu, K. And Shinkafi, A.L. (2016). Delignification of Lignocellulose Biomass Materials Using *Trichoderma aureoviride* UPM 09 (JN 811063) and *Fusarium equiseti* UPM 09 (JN811061). *Biological and Environmental Journal for the Tropics* 13(1): 49-55
7. Farouq, A.A.; **Yerima, M.B.**; Shehu, K. And Shinkafi, A.L. (2016). Potency of *Trichoderma aureoviride* UPM 09 and *Fusarium equiseti* UPM 09 in the Pretreatment and Hydrolysis of Lignocellulosic Biomass. *Bayero Journal of Pure and Applied Sciences* 9(2): 51-56
8. Farouq, A.A.; Faizah, S.O. and Yerima, M.B. (2016). Antibacterial Activity of *Lawsonia inermis* (Henna) on Bacteria Isolated from Whitlow Patients. *Nigerian Journal of Microbiology* 30(2): 3516-3520.
9. Uzal Umar; Umar Ahmed Faruk; Damoroem M. Tanko; **Mohammed B. Yerima** (2016). Clinical Isolates of *Staphylococcus aureus* Show Variation in Beta Lactamase Production and are More Susceptible to Antibiotics Conjugated with

- Beta Lactamase Inhibitors. *Open Journal of Medical Microbiology* 6:143-149.
<http://www.scirp.org/journal/ojmm>
10. Richard Rebecca; Denwe D Samuel; **Yerima M.Bello**; Olatunde K. Simeon (2016). Qualitative Phytochemistry and Antibacterial Resistance Pattern of Leaves and Stem Bark Extracts of *Jatropha curcas*. *American Journal of Microbiological Research* 4(5): 143-146. <http://pubs.sciepub.com/ajmr/4/5/3>
 11. Kamaluddeen Kabir; **Yerima Mohammed Bello**; Abu Tijjani Rimi and Deeni Yusuf (2016). Biostimulatory Effect of Processed Sewage Sludge in Bioremediation of Engine oil Contaminated Soils. *International Journal of Scientific and Technology Research* 5(2): 203-207.
 12. **Yerima M.B.**; Shinkafi, A.L.; Aliyu, H.M.; Farouq, A.A.; Richard, R. And Umar, A.F. (2016). Bioremediation of Hydrocarbon Pollutants Using Sewage Sludge as Biostimulation Agents. *Journal of Cellular and Molecular Biology* (In Press)
 13. **Yerima, M.B.**; Sani, N.M.; Aliyu, H.; Yelwa, S.A. and Yaú-BINTA (2015). Laboratory Based Heavy Metals Decontamination Potential of Microalga, *Spirogyra* spp. Proceedings of the 2nd Biennial International Conference on Biotechnology and National Development, held at Godfrey Okoye University, Enugu (October 9th-12th)
 14. Osazee, E.; **Yerima, M.B.** and Shehu, K. (2015). Bioremediation of Crude Oil Contaminated Soils Using Cow dung as Bioenhancement Agent. *Annals of Biological Sciences* 3(2): 8-12.
 15. Osazee, E.; Shehu, K. And **Yerima, M.B.** (2014). Physicochemical Properties of Crude Oil Contaminated Soils as Influenced by Cow dung. *Annals of Biological Sciences* 2 (4): 51-55.
 16. Umar, A.F.; Tahir, F.; Adagiri, J.O.; **Yerima, M.B.** and Agbo, E.B. (2014). Assessment of Yield of *Pleurotus ostreatus* on Two Agricultural Wastes. *Jewel Journal of Scientific Research* 2(2): 1-6
 17. **Yerima, M.B.**; Agina, S.E.; Umar, A.F.; Anibasa, U.; Ebebuwa, A. and Nasir, A.M. (2013). Bacterial Degradation of Crude Oil Components Using Brewery Effluents as Biostimulation agents. *VIVECHAN International Journal of Research* 4 : 10-17
 18. **Yerima, M.B.**; Umar, A.F.; Shinkafi, S.A. and Ibrahim, M.L. (2012). Bioremediation of Hydrocarbon Pollution: A Sustainable Means of Biodiversity Conservation. *Journal of Sustainable Development and Environmental Protection* 2 (3):43-50
 19. **Yerima, M.B.** ; JODI-Sa'adatu, M. ; Oyinbo, K. ; Maishanu, H.M. ; Farouq, A.A. ; Junaidu, A.U. ; Al-Mustapha, N.M. ; Ahmed, J.M and Abdullahi, Y.M. (2012). Effect of Neem Extracts (*Azadirachta indica*) on Bacteria Isolated from Adult Mouth. *Nigerian Journal of Basic and Applied Sciences* 20 (1): 64-67.

20. **Yerima, M.B.** ; JODI-Sa'adatu, M. ; Farouq, A.A. YA'U- Binta,; Junaidu, A.U. ; Al-Mustapha, N.M. and Ahmed, J.M. (2012). Microbial Deterioration of some Common Drugs. *Nigerian Journal of Basic and Applied Sciences* 20 (2): 142-145.
21. **Yerima, M.B.**;Ogunwole, O.A.;Shinkafi, A.L.;Nasiru, A.M. and Ismail, H. (2012). Studies on the Microbial Deterioration of Made in Nigeria Paints. *Bakolori Journal of General Studies* 4 (2):782-784.
22. Umar, A.F.; Tahir, F.; Larkin, M; Oyawoye, O.M.; Musa, B.L.; **Yerima, M.B.** and Agbo, E.B. (2012). *In situ* Biostimulatory Effect of Selected Organic Wastes on Bacterial Atrazine Biodegradation. *Advances in Microbiology* 2 (4) : 587-592.
23. Umar, A.F.; Tahir, F.; Larkin, M; Oyawoye, O.M.; Musa, B.L.; **Yerima, M.B.** and Agbo, E.B. (2012). AtzABC Catabolic gene probe from Novel Atrazine Degrading *Rhodococcus* strain isolated from Nigerian Agricultural Soil. *Advances in Microbiology* 2 (4) : 593-597
24. Umar, A.F.; Tahir, F.; Oyawoye, O.M.; **Yerima, M.B.** and Agbo, E.B. (2012). Comparative Study on Enrichment Techniques Used in the Isolation of Novel Atrazine Degrading Bacterial Strain from a Nigerian Agricultural Soils. *International Journal of Latest Trends in Engineering, Science and Technology* 1(7): 1-11
25. **Yerima, M.B.**; Agina, S.E.; Anibasa, U.; Ebebuwa, A.; Venil, C.K.; Shinkafi, A.L. and Kashim, Z.A. (2011). Screening Crude Oil Degrading Bacteria for Pathogenicity. *Nigerian Journal of Microbiology* 25: 2486-2491.
26. **Yerima, M.B.**; Onah, R.; Shinkafi, A.L. and Kashim, Z.A. (2011). Bacterial Reduction of Heavy Metals and Upgrading of Tannery Effluents Using Bioremediation Option. *Bakolori Journal of General Studies* 4 (1): 661-663.
27. Shittu Nafisa M.; **Yerima, M.B.**; Shinkafi, A.L. and Ismail, H. (2011). Isolation of Crude Oil Degrading Bacteria from Decayed fruit Peels. *Bakolori Journal of General Studies* 4 (1): 671-673.
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CONFERENCE ATTENDANCE

1. **Yerima M.B.**; I.K. Adam; A.A. Farouq; S.S. Manga; A.O. Adeleye; H.M, Aliyu; and A.F. Umar (2019). Laboratory Based Heavy Metals Decontamination Potential of Microalga, *Spirogyra* Sp. A Paper at the 10th Asia Pacific Conference on Algal Biotechnology held at Nanchang University, Nanchang, Jianxi, China from 27th-30th September, 2019.
2. **Yerima, M.B.** (2019). Attended as a guest an International Conference tagged “New Horizons in Biotechnology” organized by CSIR-National Institute for Interdisciplinary Science and Technology and Biotech Research Society of India. It was held in THRIUVANANTHAPURAM, from 20th-24th, November 2019.
3. **Yerima, M.B.**, Adeleye, A.O., Nkereuwem M.E.; Onokebhadge V.O.; Ado, S.A. and Adam, I. K. (2019). Influence of Organic Amendments on Heavy Metals Decontamination Potential of *Pseudomonas aeruginosa* and *Alcaligenes faecalis* Co-culture Inoculated into Spent Engine Oil Contaminated Soil. A Paper Presented at the 60th Annual International Conference of the Association of Microbiologists of India held at the Central University Haryana from 15th-18th November, 2019.
3. Farouq, A.A.; Gidado, A.Y.; **Yerima, M.B.**; Shehu, K.; Gambo, A.; Fardami, A.Y. and Ibrahim, U.B. (2017). Isolation and Identification of Bacteria Associated With Fresh Meat from Slaughtered Animals at Sokoto Abattoir. A Paper Presented at the 39th Annual Conference of the Nigerian Society for Microbiology, held at Abubakar Tafawa Balewa University, Bauchi from 1st to 4th December, 2017.

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9. Abubakar, I; Gana, E.; Usman, A and **Yerima, M.B.** (2015). Comparative Study and Microbial Analysis of Biogas Production Using Cow dung and Water hyacinth (*Eicchornia crassipes*). A Paper Presented at the 38th Annual Conference of the Nigerian Society for Microbiology, held at University of Lagos from 1st to 5th September, 2015.
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19. **Yerima, M.B.** (ICHEIB 2013). Laboratory Based Microbial Heavy Metal Decontamination of Heavy Metals from Solutions, An Invited Lecture Delivered during the International Conference on Health, Environment and Industrial Biotechnology, held at MNNIT, Allahabad, Uttar Pradesh (UP), India (21st-23rd NOV. 2013).

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40. **Yerima, M.B.** and Abubakar, L. Biogas Technology: An Option for Environmental Protection and Sanitation. A Paper Presented at the 18th Annual National Conference and Summit of the Biotechnology Society of Nigeria (BSN), held at Merit House, Abuja-Nigeria from 18th-22nd July, 2005.
41. Umar, A.F.; Tahir, F. and **Yerima, M.B.** Isolation and characterization of *Bacillus cereus* In Some Foods Sold at Selected Food Selling Outlets in Bauchi Metropolis. A paper Presented at the 28th Annual National

Conference of the Nigerian Society for Microbiology held at Ambrose Alli University, Ekpoma, 17th-20th November, 2004.

42. **Yerima, M.B.**; Jonathan, B. and Farouq, A.A. Detection of *Listeria monocytogenes* on Leafy vegetables Sold In Sokoto Central Market and Their Antibiotic Sensitivity Profile. A paper Presented at the 28th Annual National Conference of the Nigerian Society for Microbiology held at Ambrose Alli University, Ekpoma, 17th-20th November, 2004.
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50. **Yerima, M.B.**; Ekwenchi, M.M. and Ahmed, J. Acute Toxicity of Fermented and non- Fermented Chicken Droppings on *Oreochromis niloticus*. A Paper Presented at an International Conference in honour of Prof. F.M.A. Ukoli (FSAN, FAS) held at Conference Centre, University of Ibadan, Nigeria. 14th- 17th January, 2002.
51. Ahmed, J.M.; **Yerima, M.B.** and Umar, S.A. A survey of Bacterial Microflora of *Clarias gariepinus* (BURCHELL) in River Rima, Sokoto, Nigeria. A Paper Presented at an International Conference in honour of Prof. A. koli (FSAN, FAS) held at Conference Centre, University of Ibadan, Nigeria. 14th-17th January, 2002.
52. **Yerima, M.B.**; Aiki, S. and Shehu, K. Effect of Biogas Fermentation of Cowdung on Faecal coliforms. A Paper Presented at an International Conference in honour of Prof. F.M.A. Ukoli (FSAN, FAS) held at Conference Centre, University of Ibadan, Nigeria. 14th-17th January, 2002
53. **Yerima, M.B.** and Suleiman, Z.S. Detection of Indicator Organisms in oasted Meat at Dandima Suya Spot and Their Antibiotic Sensitivity Profile. A paper Presented at the 25th Annual National Conference of the Nigerian Society for Microbiology held at University of Ado- Ekiti. 2nd-6th December, 2001.
54. **Yerima, M.B.** and Ahmed, R.M. Bacteriological Characteristics of iced Fish Sold in Some Parts of Sokoto Metropolis. A paper Presented at the 25th Annual National Conference of the Nigerian Society for Microbiology held at University of Ado-Ekiti. 2nd-6th December, 2001.
55. **Yerima, M.B.** ; Ogunkoya, M.A. and Farouq, A.A.Rumen Derived Anaerobic Digestion of Water hyacinth: A means of combating its Environmental Menace and Upgrading its value. A Paper Presented at an International conference on Water Hyacinth Control held at National Institute of Freshwater Fisheries Research in Collaboration with: Nigerian-German Kainji Lake Fisheries Promotion Project.27th November to 1st December, 2000.
56. **Yerima, M.B.**; Ogunkoya, M.A. and Ahmed, J.M. Effect of Fermented Water hyacinth on Live weight Gain of *Tilapia* sp. A Paper Presented at an International conference on Water Hyacinth Control held at National Institute of Freshwater Fisheries Research in Collaboration with: Nigerian-German Kainji Lake Fisheries Promotion Project.27th November to 1st December, 2000.
57. **Yerima, M.B.**; Hassan, S. and Farouq, A.A.Co-fermentation of Water hyacinth and Chicken Droppings: An option for maximizing the Beneficial Properties of the weed. A Paper Presented at an International conference on Water Hyacinth Control held at National Institute of Freshwater Fisheries

Research in Collaboration with: Nigerian-German Kainji Lake Fisheries Promotion Project. 27th November to 1st December, 2000.

58. **Yerima, M.B.;** Farouq, A.A. and Rahman, M.F. Some Novel Biotechnology Pharmaceutical Proteins Approved and Licensed for Use in Developed Countries: A Challenge for Nigerian Scientists. A Paper Presented at the 26th Annual Conference of the Genetic Society of Nigeria (GSN) held at the Library Annex, the Polytechnic of Calabar, 4th-7th July, 2000.
59. **Yerima, M.B.;** Farouq, A.A. and Rahman, M.F. The Role of Biotechnology in Boosting Crop Production: A Challenge for Nigerian Scientists in the New Millennium. A Paper Presented at the 26th Annual Conference of the Genetic Society of Nigeria (GSN) held at the Library Annex, the Polytechnic of Calabar, 4th-7th July, 2000.
60. **Yerima, M.B.;** Rahman, A.T.M.F. and Ekwenchi, M.M. Use of *Salmonella* sp. and *Escherichia coli* for the synthesis of Pharmaceutical Proteins through Genetic Engineering. A Paper Presented at the Silver Jubilee Conference of the Genetic Society of Nigeria, held at the National Cereal Research Institute (NCRI), Badeggi, Niger State, Nigeria. 6th-9th September 1999.

WORKSHOPS/SYMPOSIA & ROUNDTABLE MEETINGS ATTENDED

1. Roundtable on Food Security and Biotechnology in Africa held at Climate Change Conference Room, University of Nigeria Nsukka (6th December, 2016). Role: **Discussant**
2. Stakeholders Roundtable on Genetically Modified Organisms (GMOs) in Nigeria, held at Golden Tulip Essential Airport Hotel, Lagos (15th November, 2016). Role: **Speaker**
3. Empowerment of laboratory Scientists for Sustainable Science and Technology Development in Nigeria. A **keynote Paper** Presented during the Annual National Conference and Workshop of the National Institute for Science Laboratory Technology held at the University of Abuja, 1st-4th November, 2016.
4. Expert meeting on Biotechnology and Biosafety-Genetically Modified Organisms (GMOs) held at Sheraton Hotels and Towers, Abuja (15th August 2016).
5. National Science Summit organized by Nigerian Academy of Science held at NSPRI Guest House, 32/38 Barikisu Iyede Street off University Road, Yaba, Lagos (10th August, 2016)
6. Stakeholders Biotechnology Roundtable Workshop held at National Biotechnology Development Agency (29th July, 2016). Role: **Discussant**

7. Agricultural Biotechnology and Biosafety Workshop held at Sheraton Hotels and Towers, Ladi Kwali Conference Hall, Abuja (17th-18th March 2016).
8. International Biotechnology Symposium and Workshop held at the college of Science and Technology, Covenant University, Ota (12th-20th June, 2014).
9. A Practical DNA Barcoding Workshop for the Identification and Conservation of Indiginous Plants in Nigeria, held at Godfrey Okoye University, Enugu (2nd – 3rd June, 2014).
10. Sensitization Workshop on Microbial Culture Collection As a Critical Biological Resource for National Development, organized by Raw Materials Research and Development Council in Collaboration with Natinal Bitechnology Development Agency (October, 2014).
11. An International Biosafety Short Course, held at University Polytechnic Bobo Dioulassou, Burkina Faso (3rd-9th NOV. 2013)
12. Bioinformatics Workshop in Next Generation Sequencing Technologies, held at IGIB, New Delhi, India (14th-16th NOV. 2013).
13. Workshop on Basic Molecular Biotechnology Technique at SAKOLKAR LIFE SCIENCES AND RESEARCH CENTRE, Aurangabad, India (2nd and 3rd January, 2013).
14. BIT's 3rd Annual World DNA and Genome Day (Petroleum Microbiology Cluster) held at Qujiang International Conference Centre, Xi'an, China (25th—28th April 2012).
15. 5-Days Hands on Workshop on Molecular Biotechnology at International Institute of Information Technology, Hinjawadi, Pune-INDIA (1st-6th May, 2012).
16. International Summit on Waste to Energy: An Emerging Trend Towards Sustainable Environment, held at NDCC Convention Centre, New Delhi (9th&10th July, 2012).
17. 2nd Nigerian Renewable Energy Day: **The Emerging Green Economy** held on the 21st-22nd November, 2011 at the Nicon Luxury Hotel, Abuja.
18. World Congress on Petroleum Microbiology organized by BIT Life Sciences Inc. Dalian, China, held between 24th to 27th July 2010 in Dalian, China
19. National Capacity Building Workshop on Research Methodology for Lecturers of Tertiary Institutions in Nigeria held at Arewa House, Kaduna from 17th to 24th May 2010.
20. Basic Training in Recombinant DNA Technology organized by the Centre for Biotechnology Research and Training, Ahmadu Bello University, Zaria. April 29th-9th May, 2008.

21. Biotechnology: Today and Tomorrow. A one day Workshop organized by the Nigeria Agriculture and Biotechnology Project (NABP) in Collaboration with National Biotechnology Development Agency (NABDA), Institute for Tropical Agriculture (IITA) and the United States Agency for International Development (USAID). It was held at the auditorium of Attahiru Bafarawa Institute for Qur'an and General Studies, 20th July, 2006.
22. National Training Workshop on Solid Waste Management organized by the Centre for Biotechnology and Genetic Engineering, University of Jos, held at Lomay Hotel, Jos- Nigeria (20th – 26th November, 2005).
23. National Training Workshop on Energy Auditing in Industries organized by Sokoto Energy Research Centre (Energy Commission of Nigeria) and United Nations Industrial Development Organization, 29th March-2nd April, 2004.
24. National Training Workshop on Fabrication of Environment Friendly Alternative/ Renewable Energy Devices for Small and Medium Scale Enterprises organized by Sokoto Energy Research Centre (Energy Commission of Nigeria) in Collaboration with UNDP and National Planning Commission, 20th-25th August, 2001.

CURRENT RESEARCH EFFORTS

1. Biofuels Generation and Utilization
2. Buffered Biodegradation of Water hyacinth amended Soil contaminated with Oily sludge.
3. Bioremediation of Hydrocarbon Effluents Emanating from Auto mechanic Workshops.
4. Co-fermentation of Rice husk and Sugarcane bagasse for Bioethanol Production.
5. Bioremediation of Polycyclic Aromatic Hydrocarbons (PAHs) Contaminated Environments.
6. Molecular Detection of Indicator Organisms in Water Supplied to Households in Sokoto Metropolis.
7. Isolation and Molecular Characterization of Biogas Producing Bacteria.
8. Screening Bacteria for Biosurfactants Production
9. Development of Algal Biomass Using Photo bioreactors for Biodiesel Production
10. Developing Microbiological Standard for some common foods in Nigeria

ADMINISTRATIVE & ORGANISATIONAL EXPERIENCE

1. **Ag. Head of Department**, Microbiology and Biotechnology
January, 2016-January, 2018.
2. **Member:** Faculty of Science Accreditation Committee June, 2016 to Date
3. **Member:** Faculty of Science Academic Staff Training and Development
Committee May-September, 2016.
4. **Chairman:** Departmental Academic Staff Training and Development Committee
March-September, 2016.
5. **Chairman:** Departmental Postgraduate Committee March-September, 2016
6. **Chairman:** Direct Teaching and Laboratory Cost Committee April-Sept, 2016
7. **Chairman:** Appointment and Promotion Committee March-September, 2016
8. **Member:** Senate Committee on Repositioning College of Medicine March 2016
9. **Member:** Senate committee on Restructuring University Clinic March, 2016
10. **Member:** Senate Committee on Restructuring Agricultural Research Centers
August 2016
11. **Member:** Venue, Sanitation and Entertainment Committee, Federal University
Dutse Convocation 2015
12. **Member:** Faculty of Science Postgraduate Committee, July-September, 2016
13. **Chairman:** Departmental Accreditation Committee on Laboratories and
Equipment, 2015
14. **Member:** Assets sharing Committee between Biological Sciences &
Microbiology/Biotechnology Departments January, 2016
15. **Faculty Seminar Coordinator** July, 2012-April, 2013, UDUS
16. **Departmental Examinations Officer** 2006-2008---UDUS
17. **Departmental SIWES Coordinator** 2006-2008-- UDUS
18. **Departmental Research Project Coordinator** 1998-2003---UDUS
19. **Member:** University Sports Committee 2004-2006---UDUS

20. **Chairman:** Committee for the Restructuring of Microbiology courses offered to students 2006/2007
21. **Staff Coordinator:** Biological Sciences Students' Association (BIOSSA). 1998-2000
22. **Staff Coordinator:** Nigerian Association of Microbiology Students 2004-2013

COMMUNITY SERVICE

1. **President,** Nigerian Society for Microbiology 5th Sept. 2018-Date
2. **Member:** Board of Trustee, Nigerian Society for Microbiology Aug.18-Date
3. **President:** Biotechnology Society of Nigeria **(Aug, 2014-Aug 2016)**
4. **Member:** National Think Tank on Modern Biotechnology May 2016-Date
5. **Member:** Databank of experts BIT Life Sciences, China August, 2016-Date
6. **Member:** NUC Accreditation Panel: Covenant University Ota, 2015
7. **Member:** NUC Accreditation Panel: Mountain Top University, Km 12, Lagos 2016
8. **Vice President:** Nigerian Society for Microbiology **(Sept, 2014-Date)**
9. **Chairman:** Contact Committee for the Professionalization of Practice of Microbiology in Nigeria **(Feb. 2014- Date)**
10. **Member:** Grants & Linkages Committee of the Nigerian Society for Microbiology **(Feb. 2014- Date)**
11. **Member:** Secretariat and Property Development Committee, Nigerian Society for Microbiology
12. **Chairman:** NSM Fellowship Committee, **(June, 2015-Date)**
13. **Resource Person:** Pre-conference Workshop on Next Generation DNA Technology **(UNICAL, 2016)**
14. **Facts and Fallacies of Genetically Modified Crops.** Published in the Guardian Newspapers of 31st May, 2016 in support of Monsanto's application for Confined field trials of some GM crops of national importance.

15. **Resource Person:** Pre-conference Workshop on Next Generation DNA Technology (GOU, 2015)
16. **Resource Person:** Pre-conference Workshop on Application of Modern Biotechnology in Various Fields of Human Endeavour. (NABDA 2013)
17. **National Secretary:** Biotechnology Society of Nigeria (2011-2014)
18. **Publicity Secretary/Liaison Officer:** Biotechnology Society of Nigeria (July,-2010-Aug, 2011)
19. **Ex officio:** Nigerian Society for Microbiology (2010-2014)
20. **National Secretary:** Nigerian Society for Microbiology (2006-2010)
21. **National Asst. Secretary:** Nigerian Society for Microbiology (2002-2006)
22. **Secretary:** National Contact Committee for the Professionalization of the Practice of Microbiology in Nigeria (2005- 2014)
23. **Secretary:** Environmental Health Society of Nigeria (Sokoto State Chapter) (2003-2004)
24. **Chairman:** Parent Teachers' Association, Federal Staff Schools, Sokoto. (2007-2013)
25. **Member:** School Management Board, Federal Staff Schools, Sokoto. (2007-Date)
26. **Chairman Caretaker:** Olamaboro Corpers' Association, Olamaboro L.G.A. Kogi State, Nigeria (1994/95 Service Year)
27. **Chairman:** Education Committee, Nagarta Old Boys Association (2001-Date)
28. **Public Relations Officer:** Academic Staff Union of Universities (ASUU), UDUS Branch (2002-2004)
29. **Member:** Mahmoud Tukur Educational Endowment Fund (MTEEF), Arewa House, Kaduna (Nov. 2003)
30. **Member:** ASUU-UDUS Welfare Committee (2002-2004)
31. **Delegate:** ASUU 14th National Delegates Conference held at the University of Nigeria Nsukka 27th-30th April, 2006
32. **Resource Person:** National Training Workshop on Solid Wastes Management held at Lomay Hotel, Jos 20th-26th Nov. 2006.

33. **Chairman Caretaker:** Nigerian Association of Microbiology Students
1992-1993
34. **Pioneer President:** National Association of Microbiology Students
1993-1994
35. **Nigerian Universities:** Have they Achieved Their Mandate? An article
Published in the Daily Trust of 26th September, 2003, Vol. 6 NO. 100.
36. **Member:** Board of Trustees of Committee for Heads of Federal
Establishments (COHFES), Sokoto State.
37. **Member:** PTA Committee on Rehabilitation of students Hostels and Staff
Residence at Federal Science College Sokoto (2009)
38. **Returning Officer:** Biotechnology Society of Nigeria's election of
National Officers. (2009)
39. **Examiner:** West African Examination Council (2009)
40. **Member:** University Committee on National Universities Research Fair 2010
41. **Registration Area Centre Area (RACO)** at TANGAZA L.G.A., Sokoto
State-INEC Voter Registration Exercise (15th January - 4th February 2011)
42. **Supervisory Presiding Officer:** 2011 Elections held in April in Nigeria.
43. **Chairman:** PTA Committee for the Construction of Multipurpose Hall at
Federal Staff Schools Sokoto
44. **Secretary:** Prof. and Mrs. S.H.Z. Naqvi Postgraduate Scholarship
(Department of Biological Sciences, Usmanu Danfodiyo University, Sokoto)
(2007-2013)
45. **Secretary:** Local Organizing Committee for 31st Annual National Conference
of the Nigerian Society for Microbiology tagged "Sokoto 2007".
46. **Member:** Local Organizing Committee for the 28th Annual National
Conference of the Genetic Society for Nigeria, held in the Faculty of
Agriculture, Usmanu Danfodiyo University, Sokoto.
47. **Member:** Local Organizing Committee for the Annual National Conference
of the National Society for Biochemistry and Molecular Biology, held in the
Department of Biochemistry, Usmanu Danfodiyo University, Sokoto.
48. **Member:** Local Organizing Committee for the 33rd Annual
National Conference of the Parasitology and Public Health Society of Nigeria
held in the Department of Biological Sciences, Usmanu Danfodiyo
University, Sokoto.

49. **Secretary:** Laboratory Technologists Training Programme (LTTP), Usmanu Danfodiyo University Sokoto (2009-2013)

JOURNAL REVIEW & EDITORIAL FUNCTIONS

1. **Member:** Editorial Board, Nigerian Journal of Biotechnology, 2017-Date
2. Associate Editor: Bima Journal of Science and Technology, Gombe State University January 2017-Date
3. **Associate Editor:** Umar Musa Yar'adua University Journal of Microbiology Research (UJMR) March 2016-Date
4. Member: Dutse Journal of Environmental and Biological Sciences 2013
5. **News Editor:** NSM Newsletter- a Publication of Nigerian Society for Microbiology 2002-2010
6. **Member:** Advisory Board of the Journal of Sustainable Development and Environmental Protection. A publication of Institute for Environmental Research and Development, Ota, Ogun State, Nigeria.
7. **Reviewer:** Journal of Applied Pharmaceutical Sciences
8. **Reviewer:** Nigerian Journal of Botany, Nigeria
9. **Reviewer:** Journal of Petroleum and Gas Engineering Research, Nigeria
10. **Reviewer:** Journal of Science and Technology, The Polytechnic of Ibadan
11. **Reviewer:** African Journal of Biotechnology, Kenya
12. **Reviewer:** International Journal for Microbiological Research, Kenya
13. **Reviewer:** Nigerian Journal of Biotechnology, Nigeria
14. **Reviewer:** Nigerian Journal of Basic and Applied Sciences, Nigeria
15. **Reviewer:** Journal of Parasitology and Vector Biology, India

COUNTRIES (CITIES) VISITED

Niger (Niamey, Birnin Kounni, Dosso), Benin Republic (*Manla ville, Cotonou*), Togo (Lome, Abomey, Ndali, Dzougou, Ketao), India (New Delhi, Bangalore, Mumbai, Nagpur, Kolkata, Bhopal, Hyderabad, Chandigarh, Aurangabad, Pune,

Ghaziabad, Ranchi, Ahmednagar, Rohtak, Allahabad, Noida), China (Beijing, Dalian, Xi'an, Chengdu).

HOBBY

Reading, Travelling, Team work and Sporting activities.

EXPERTISE: ENVIRONMENTAL BIOTECHNOLOGY AND PUBLIC HEALTH

As an expert in the above area I can be involved with:

1. Research and Teaching Applied Microbiology/Biotechnology.
2. Bioremediation of contaminated environments and Crude Oil exploration.
3. Growing Microorganisms for specific Applications.
4. Production of Biofuels (Bioethanol, Biodiesel and Biogas) from wasted materials.
5. Isolation and amplification of DNA from different Biological sources.
6. Isolation of Hydrocarbon Degrading bacteria using metagenomics.
7. Tackling Public Health issues such as sanitation and Epidemiological studies.
8. Scientific data generation, analysis and interpretation.
9. Food and Water Analyses.

PERSONAL DATA

- ✓ **Date of Birth :** 22nd August 1971
- ✓ **State of Origin:** Sokoto State, NIGERIA
- ✓ **Sex:** Male
- ✓ **Marital Status:** Married
- ✓ **Number of Children (6):** Mujeeb (18), Nabeela (15), Najaatu (13), Surayya (10), Shazali (8) and Munzali (5)
- ✓ **Language Spoken:** English and Hausa
- ✓ **Nationality:** Nigerian

- ✓ **Passport no:** A09907642
- ✓ **LGA/HOMETOWN:** Gwadabawa/Gigane

REFEREES:**1. Prof. B. L. Aliero**

Vice Chancellor,
Kebbi State University of Science and Technology
Aliero, Kebbi State, NIGERIA
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Cell Phone: +2348065672734

2. Prof. D.A. Macchido

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Faculty of Life Sciences,
Ahmadu Bello University Zaria, Nigeria.
e-mail: machidori12@gmail.com, machidomicro@gmail.com
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3. Prof. M.D. Mukhtar

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Faculty of Sciences,
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Cell Phone: +2348062248947

Signed



11th January, 2020

Professor Mohammed Bello Yerima, FNSM