

Mariya Musa Hamza

A. PERSONAL DETAILS

Surname:	Hamza
First name:	Mariya
SP/no:	KASU/SP/1139
Gender:	Female
Date of birth:	23 rd September, 1988
Place of birth:	Kaduna
State of origin:	Kaduna State
Local Govt Area:	Kudan
Nationality:	Nigerian
Marital Status:	Married
Languages:	[Hausa language - Native proficiency] [English language - speak, read, and write with high proficiency] [Arabic language – read and write with basic competence]
Current contact address:	No 2B Ohinoyi Road, Unguwar rimi, Kaduna
Mobile no:	08068977673
Email:	mareeya.hamza@kasu.edu.ng mareeya.hamza@gmail.com
Permanent home address:	No 2B Ohinoyi Road, Unguwar rimi, Kaduna
Date of first appointment:	24th October, 2017
Date of last promotion:	12th September, 2024
Present rank:	Lecturer I

B. EDUCATIONAL INSTITUTIONS ATTENDED

	DATE
1. Nigeria Defence Academy, Kaduna, Nigeria	2021 - Date
2. Bayero University, Kano, Nigeria	2012 - 2015
3. Bayero University, Kano, Nigeria	2005 - 2010
4. Therbow Secondary School, Zaria, Nigeria	1999 - 2005
5. Crescent International School, Kano, Nigeria	1994 - 1999

C. QUALIFICATIONS OBTAINED

	DATE
1. Ph.D. Parasitology	In-view
2. M.Sc. Medical Microbiology	2015
3. B.Sc. Microbiology	2010
4. Senior Secondary School Certificate	2005
5. Primary School Leaving Certificate	1999

D. ADDITIONAL QUALIFICATIONS

	DATE
1. International certification on digital literacy (ICDL)	2021
2. National Youth Service Corps Certificate	2011

E. WORKING EXPERIENCE

	DATE
1. Kaduna State University, Kaduna, Nigeria.	2017 - Date
2. 44, Nigeran Army Reference Hospital, Kaduna (NYSC).	2010 - 2011
3. National Hospital, Abuja (IT)	2009

F. TEACHING EXPERIENCE**1st Semester 2020/2021 Department of Microbiology, Kaduna State University, Kaduna**

MCB 205	General Microbiology I
MCB 301	Immunology
MCB 421*	Medical Parasitology

2nd Semester 2020/2021 Department of Microbiology, Kaduna State University, Kaduna

MCB 102 *	Introductory Microbiology (Special Course)
MCB 204	Principles of Sterilization and Disinfection

1st Semester 2019/2020 Department of Microbiology, Kaduna State University, Kaduna

MCB 205*	General Microbiology I
MCB 301	Immunology
MCB 409	Virology and tissue culture
MCB 707*	Introductory Microscopy

2nd Semester 2019/2020 Department of Microbiology, Kaduna State University, Kaduna

MCB 204*	Principles of Sterilization and Disinfection
MCB 102*	Introductory Microbiology
MCB 712*	Immunology and Immunochemistry

1st Semester 2018/2019 Department of Microbiology, Kaduna State University, Kaduna

MCB 309*	Pharmaceutical Microbiology
MCB 421*	Medical Parasitology
MCB 205	General Microbiology I
MCB 707	Introductory Microscopy

2nd Semester 2018/2019 Department of Microbiology, Kaduna State University, Kaduna

MCB 102*	Introductory Microbiology
MCB 204	Principles of Sterilization and Disinfection

1st Semester 2017/2018 Department of Microbiology, Kaduna State University, Kaduna

MCB 309	Pharmaceutical Microbiology
MCB 313	Introductory Mycology
MCB 421	Medical Parasitology

2nd Semester 2017/2018 Department of Microbiology, Kaduna State University, Kaduna

MCB 208*	General Microbiology II
MCB 204	Principles of Sterilization and Disinfection

KEY: * = Course Coordinator

G. PROJECT SUPERVISION

Undergraduate (B.sc Microbiology)

S/N	NAME OF STUDENT/ MATRICULATION NO	TITLE OF PROJECT	SESSION
1.	RICHIFA ABDULAZEEZ HABIB KASU/16/MCB/1114	OCCURRENCE OF GENTAMICIN RESISTANCE AMONG CLINICAL ISOLATES OF <i>Staphylococcus aureus</i> OBTAINED FROM BARAU DIKKO TEACHING HOSPITAL, KADUNA	2019/2020
2.	DAUDA KHADIJAT HARUNA KASU/16/MCB/1098	PHYTOCHEMICAL SCREENING AND ANTIBACTERIAL ACTIVITY OF <i>Moringa</i>	2019/2020

- oleifera* LEAF EXTRACT AGAINST SOME CLINICAL BACTERIAL ISOLATES
3. MARYAM IBRAHIM ABDULLAHI
KASU/16/MCB/1094 MYCOLOGICAL ASSESSMENT OF LOCALLY FERMENTED MILK (KINDIRMO) SOLD IN ABUBAKAR GUMI MARKET, KADUNA 2019/2020
 4. IDRIS SURAJO
KASU/16/MCB/1088 ISOLATION AND IDENTIFICATION OF *Escherichia coli* FROM URINE OF PREGNANT WOMEN ATTENDING POLICE TRAINING SCHOOL ANTENATAL CLINIC, KADUNA 2019/2020
 5. HARUNA HAJARA
KASU/16/MCB/1023 ISOLATION AND IDENTIFICATION OF BACTERIA FROM TOWELS USED IN BEAUTY SALONS WITHIN KADUNA STATE UNIVERSITY MAIN CAMPUS 2019/2020
 6. MARYAM ABDULHAMEED
KASU/15/MCB/1170 ISOLATION AND IDENTIFICATION OF BACTERIA ASSOCIATED WITH *Cyperus esculentus* (TIGER NUT) SOLD BY LOCAL VENDORS IN MARABAN RIDO MARKET KADUNA 2019/2020
 7. ABUBAKAR MAIMUNA
KASU/15/MCB/1093 BACTERIOLOGICAL AND PARASITOLOGICAL EXAMINATION OF SOME FRESH FRUITS AND VEGETABLES SOLD IN KADUNA CENTRAL MARKET 2019/2020
 8. DANLAMI DORCAS
KASU/15/MCB/1074 ISOLATION AND IDENTIFICATION OF BACTERIA FROM FOOD SOLD BY VENDORS AT SABO MARKET, KADUNA 2019/2020

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| 9. | KHADIJA
UTHMAN
KASU/15/MCB/1007 | YAQUB | ANTIBACTERIAL
ACTIVITY OF <i>Nigella sativa</i>
(black seed) OIL AGAINST
SOME CLINICAL ISOLATES
OF <i>Staphylococcus aureus</i> | 2019/2020 |
| 10. | JAMES
ZUGWAI
KASU/15/MCB/1084 | KEZIAH | ANTIFUNGAL ACTIVITY
OF ALLICIN OBTAINED
FROM FRESH GARLIC
AGAINST <i>Candida albicans</i>
ISOLATES OBTAINED
FROM BARAU DIKKO
TEACHING HOSPITAL | 2018/2019 |
| 11. | HAJARA AMINU
KASU/15/MCB/1071 | | OCCURRENCE OF
BACTERIA AND
ENDOPARASITES IN <i>Clarias</i>
<i>gariepinus</i> (AFRICAN
CATFISH) IN CONCRETE
POND IN KAWO, KADUNA | 2018/2019 |
| 12. | YUSUF
MAKARFI
KASU/15/MCB/1062 | KHADIJA | ANTIBIOTIC RESISTANCE
PATTERN AND DETECTION
OF VIRULENT <i>nuc</i> GENE IN
CLINICAL ISOLATES OF
<i>Staphylococcus aureus</i>
OBTAINED FROM BARAU
DIKKO TEACHING
HOSPITAL | 2018/2019 |
| 13. | MUSA
FARAGAI
KASU/15/MCB/1155 | FATIMA | ISOLATION AND
ANTIBACTERIAL
SUSCEPTIBILITY PATTERN
OF BACTERIA ISOLATED
FROM RAW COW MILK | 2018/2019 |
| 14. | ADENIRAN JERRY
KASU/15/MCB/1085 | | PHYTOCHEMICAL
SCREENING AND
ANTIBACTERIAL
ACTIVITY OF <i>Syzygium</i>
<i>aromaticum</i> BUD EXTRACTS
AGAINST SOME CLINICAL
ISOLATES OBTAINED
FROM BARAU DIKKO
TEACHING HOSPITAL | 2018/2019 |
| 15. | BALA DODO JOHN
KASU/15/MCB/1101 | | MOLECULAR
CONFIRMATION OF SOME | 2018/2019 |

- CLINICAL ISOLATES OF *Staphylococcus aureus* BY POLYMERASE CHAIN REACTION THROUGH THE DETECTION OF THE *nuc* GENE
16. DOS BARNABAS PATRICIA
KASU/15/MCB/1151 ASSESSMENT OF AN ALCOHOL BASED HAND SANITISER AGAINST BACTERIAL CONTAMINATION FROM AUTO RICKSHAW 2018/2019
 17. DORCAS GENE YUSUF
KASU/14/MCB/1094 ISOLATION AND IDENTIFICATION OF BACTERIA ASSOCIATED WITH BOTTLED ZOBO DRINK SOLD WITHIN KASU MAIN CAMPUS MARKET 2017/2018
 18. ZAKARIYYA ABUBAKAR
KASU/14/MCB/1097 OCCURRENCE OF URINARY SCHISTOSOMIASIS AMONG CHILDREN ATTENDING SELECTED PRIMARY HEALTH CARE CENTRES WITHIN KADUNA METROPOLIS 2017/2018
 19. ZAYYAD MARYAM
KASU/14/MCB/1099 PARASITIC EXAMINATION OF COMMONLY CONSUMED FRESH VEGETABLES SOLD IN SELECTED MARKETS IN KADUNA NORTH LGA 2017/2018
 20. SHEKAMANG SHEDRACK
KASU/14/MCB/1101 PHYTOCHEMICAL SCREENING AND ANTIBACTERIAL ACTIVITY OF *Calotropis gigantean* STEM AND LEAF EXTRACTS AGAINST SOME CLINICAL ISOLATES 2017/2018
 21. ZAMANI BLESSING
KASU/14/MCB/1098 IDENTIFICATION OF BACTERIA ON USED HANDKERCHIEF AMONG STUDENTS IN KADUNA 2017/2018

STATE UNIVERSITY.

Post Graduate Diploma in Microbiology Completed Projects

S/N	NAME OF STUDENT/ MATRICULATION NO	TITLE OF PROJECT	SESSION
1.	BARAKA ABUBAKAR LADAN	PREVALENCE OF MALARIA PARASITE AMONG PREGNANT WOMEN ATTENDING ANTE-NATAL AT GENERAL HOSPITAL KAWO, KADUNA	2019/2020
2.	AMINA MUHAMMED YAHAYA KASU/PGD/MCB/17/054	ISOLATION AND IDENTIFICATION OF BACTERIA ASSOCIATED WITH SOME PACKAGED SLICED FRUITS VENDED IN KADUNA	2018/2019
3.	RUKAYYA ABUBAKAR	PHYTOCHEMICAL SCREENING AND ANTIBACTERIAL ACTIVITY OF <i>Senna occidentalis</i> LEAF EXTRACT AGAINST CLINICAL ISOLATES OF <i>Staphylococcus aureus</i> AND <i>Escherichia coli</i>	2018/2019

H. RESEARCH/EXTENSION WORK EXPERIENCE

- HAMZA, Mariya Musa (2015).** Occurrence of plasmid mediated cephalosporin resistance among clinical Gram-negative bacterial isolates obtained from Murtala Muhammed Specialist Hospital, Kano. An M.Sc. Dissertation submitted to the school of post graduate studies, Bayero University, Kano, Nigeria.
- HAMZA, Mariya Musa (2010).** Phytochemical screening and antibacterial activity of *Adansonia digitata* stem bark and root bark extracts against some selected clinical bacterial isolates. A B.Sc. project submitted to the department of microbiology, Bayero University, Kano, Nigeria.

3. **HAMZA, Mariya Musa (2009).** Pediatric disorders of the central nervous system caused by microorganisms. A B.Sc. Review essay submitted to the department of microbiology, Bayero University, Kano, Nigeria.

I. ROUTINE ADMINISTRATION DUTIES

1. Registration of new students
2. Level coordination
3. Member of the following departmental committees;
 - Examination committee
 - Welfare committee

J. POSITIONS HELD WITH DATES

POSITION	DATE
1. Assistant Registration Officer	2017-2018
2. 100 level coordinator	2018-2019
3. 200 level coordinator	2019-2020
4. Treasurer Departmental welfare committee	2020 to date

K. COMMUNITY SERVICE

1. Proctor, Joint Admission and Matriculation Board (JAMB) – 2021 to date

L. MEMBERSHIP OF PROFESSIONAL ORGANISATIONS

1. Nigeria Society for Microbiology
2. Biotechnology Society of Nigeria

M. CONFERENCES ATTENDED WITH DATES

1. **ABUJA 2023.** Biotechnology Society of Nigeria (BSN), Sheda Science and Technology Complex, Abuja. 27th – 31st August, 2023.
2. **KASU 2023.** Nigerian Society of Microbiology (NSM) North West Symposium. Kaduna State University, Kaduna Nigeria. 11th & 12th July, 2023.
3. **NDA 2022.** Doctoral Research Workshop & Conference. Nigeria Defence Academy, Kaduna, Nigeria. 22nd -24th August, 2022.
4. **KASU 2021.** 1st Annual Biotechnology Society of Nigeria (BSN) - North West Zonal Symposium. Kaduna State University, Kaduna, Nigeria. 7th - 9th July, 2021
5. **CRAWFORD 2019.** 42nd Conference of the Nigerian Society for Microbiology. Crawford University, Igbesa, Ogun State, Nigeria. 3rd – 6th September, 2019.

6. **UMYU 2018.** 41st Scientific National Conference of the Nigerian Society of Microbiology. Umaru Musa Yaradua University, Katsina, Nigeria. 3rd - 7th September, 2018.

N. CONFERENCE PAPERS

1. Usman, A., Hussaini, I.M., **Hamza, M.M.**, Sanusi, S.B., Ahmad, M. and Idris, H. (2023). Antibacterial Activity of Aloe Vera Gel against Multidrug Resistant *Staphylococcus aureus* and *Pseudomonas aeruginosa*.
2. Usman, A., Ahmad, M., **Hamza, M.M.**, Hussaini, I.M., Sanusi, S.B. and Innocent, A.A. (2023). Antimicrobial activity of *Acacia nilotica* and *Ziziphus Mauritania* against clinical isolates of *Escherichia coli* and *Klebsiella aerogenes*.
3. Usman, A., Hussaini, I.M., **Hamza, M.M.** and Ahmad, M. (2021). Occurrence of multi-drug resistant *Escherichia coli* and *Klebsiella pneumoniae* in urine of patients attending Ahmadu Bello University Medical Centre, Samaru, Zaria, Nigeria.
4. **Hamza, M.M.** and Usman, A. (2021). Isolation and Identification of bacteria associated with used handkerchiefs among students in Kaduna State University main campus, Kaduna, Nigeria.
5. Muhammad Yusha'u, **Mariya Musa Hamza** and Awwali Tati (2018). Occurrence of plasmid mediated cephalosporin resistance among clinical bacterial isolates from Murtala Mohammed Specialist Hospital, Kano, Nigeria.

O. JOURNAL PUBLICATIONS

1. Usman, A., Ahmad, M., **Hamza, M.M.**, Hussaini, I.M., Sanusi, S.B. and Innocent, A.A. (2023). Antimicrobial activity of *Acacia nilotica* and *Ziziphus Mauritania* against clinical isolates of *Escherichia coli* and *Klebsiella aerogenes*. *Umaru Musa Yaradua University Journal of Microbiology Research*, 8(2), 1-7
2. Sanusi, S.B., Idris, H., Usman, A., **Hamza, M.M.** and Abdullahi, B. (2022). Phytochemical Profiling, Antimycobacterial Activity, Time-Kill Assessment and Mode of Action of the Extract of *Musa gracilis* Holttum. *Tropical Journal of Natural Products Research*, 6(3), 376-381
3. Idris, H., Sanusi, S.B., Muhammad, A.H., **Hamza, M.M.** & Usman, A. (2021). Antibacterial activity of *Nigella sativa* seed extract against

Escherichia coli and *Staphylococcus aureus*. *Journal of Microbial Cells and Biotechnology*, 1(2), 40-43

4. **Hamza, M.M.**, Yusha'u, M., Usman, A. and Adeniran, J. (2020). Antibacterial activity of *Syzygium aromaticum* bud crude extracts against selected clinical bacteria obtained from patients attending Barau Dikko Teaching Hospital, Kaduna. *Journal of microbial cells and biotechnology*, 1(1), 43-47
5. Usman, A., Hussaini, M., **Hamza, M.M.**, Sanusi, S.B. and Idris, H. (2020). Antibacterial activity of Aloe vera gel against multi drug resistant *Staphylococcus aureus* and *Pseudomonas aeruginosa*. *Umaru Musa Yaradua University Journal of Microbiology Research*, 5(2), 74-80
6. Adamu, A., Abdulwahab, R., Aliyu, Firdausi., Aminu, A.H., **Hamza, M.M.** and Huyop, F. (2020). Haloacid dehalogenase of *Rhizobium* sp. and related enzymes: Catalytic properties and mechanistic analysis. *Process biochemistry*
7. Yusha'u, M. and **Hamza, M.M.** (2015). Cephalosporin resistance among clinical Gram-negative bacterial isolates obtained from Murtala Muhammed Specialist Hospital, Kano. *International journal of science, environment and technology*, 4(4), 1029-1036
8. Yusha'u, M., **Hamza, M.M.** and Abdullahi, N. (2010). Antibacterial activity of *Adansonia digitata* stem bark extracts on some clinical bacterial isolates. *International journal of biomedical and health sciences*, 6 (3), 129-135

P. HOBBIES

Reading, research, watching movies and meditation.

Q. REFEREES

1. PROF. MUHAMMAD YUSHA'U (B.Sc., M.Sc., Ph.D.)
DEPARTMENT OF MICROBIOLOGY
BAYERO UNIVERSITY, KANO.
08034589499
2. PROF. YAHAYA ABDULLAHI UMAR (B.Sc., M.Sc., Ph.D.)
DEPARTMENT OF BIOLOGICAL SCIENCES
NIGERIA DEFENCE ACADEMY, KADUNA.
08054514370

3. DR AISHA MUHAMMAD ALIYU (B.Sc., M.Sc., Ph.D.)
DEPARTMENT OF MICROBIOLOGY
KADUNA STATE UNIVERSITY
08035890640