

MUHAMMAD IMRANA ARZIKA

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Sokoto, Nigeria

WORK EXPERIENCE

Sokoto State University, Sokoto

2021 – Present

Part-Time Lecturer

- Taught undergraduate courses including General Biology, Chordate Biology, Biological Techniques, General Physiology, Nematology, Hydrobiology, and Practical sessions.
- Supervised undergraduate research projects in parasitology, vector biology, and epidemiology.

Command Children Schools, Sokoto

2010 – Present

Teacher

- Coordinated academic activities, curriculum delivery, and teacher supervision.
- Managed educational programs in Command Children Schools.

FOMWAN Schools

2009 – 2010

Teacher

- Coordinated academic activities, curriculum delivery, and teacher supervision.
 - Managed educational programs in FOMWAN schools.
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EDUCATION

Ph.D. Biology (Parasitology) (*In view*)

Usmanu Danfodiyo University, Sokoto

M.Sc. Zoology (Parasitology)

Usmanu Danfodiyo University Sokoto, Nigeria

2018

B.Sc. Education Biology (Second Class Upper)

Usmanu Danfodiyo University Sokoto, Nigeria

2007

ADDITIONAL TRAINING & CERTIFICATIONS

- Certificate in Data Analysis Using SPSS, 2017
- Data Entry Training Using Open Data Kit (ODK), 2017

- Introduction to Data Analysis using SPSS, 2017
- Introduction to Dharma Application Software, 2017
- Professional Thesis Writing Skill 2015

PUBLICATIONS

- Abubakar, A.A., and **Arzika, I.M.** (2024). Heavy Metal Levels in Tomatoes From Fadama Area Near BUA Cement PLC Sokoto, Northwest, Nigeria. *Asian Journal of Biological Sciences*, 17(1), 121-127.
- Bala Aminu Yabo, Adamu Tukur and **Muhammad Imrana Arzika** (2021). Anti-anaemic potential of the hydro-ethanolic extract of *Walttheria indica* (L) in albino rats with parasitaemia – induced anaemia. *World Journal of Advanced Research and Reviews*, 11(03), 291–299. DOI: <https://doi.org/10.30574/wjarr.2021.11.3.0454>
- **Muhammad Imrana Arzika** and Bala, Aminu Yabo (2020). Soil-transmitted Helminths and Urinary Schistosomiasis Co-infection: Risk Factors among School Children in Riverine Areas of Wamakko Local Government, Sokoto State, Nigeria. *Advances in Zoology and Botany*, 8(5), 375-382. DOI: 10.13189/azb.2020.080501.
- **Imrana Arzika Muhammad**, Kabiru Abdullahi, Aminu Yabo Bala and Sa’adatu Aliyu Shinkafi (2019). Prevalence of Urinary Schistosomiasis among primary school pupils in Wamakko Local Government, Sokoto State, Nigeria. *The Journal of Basic and Applied Zoology*. 80:22: 1-6. <http://doi.org/10.1186/s41936-019-0093-3>.
- BALA Aminu Yabo, MOHAMMED Abdullahi Oladimeji and **MUHAMMAD Imrana Arzika** (2019). Prevalence and Risk factors of Soil-transmitted helminthiasis among Students of Government day Secondary School Gidan Igwe Area, Sokoto State, Nigeria. *International Journal of Entomology and Nematology*, 5(2): 128-132
- Bala Aminu Yabo, Muhammad Aliyu Ndejiko and **Muhammad Imrana Arzika** (2019). Risk factors associated with hookworm infection among patients attending Usmanu Danfodiyo University Clinic, Main Campus, Sokoto, Sokoto State, Nigeria. *International Journal of Zoology and Applied Bioscience*, 4(2): 46-52. <http://doi.org/10.5281/zenodo.2589955>.
- **MUHAMMAD Imrana Arzika**, ABDULLAHI, Kabiru, BALA, Aminu Yabo, SHINKAFI, Sa’adatu Aliyu (2018). The Correlation of Nutritional Status and Prevalence of Intestinal Helminthiasis among Primary School Pupils in Wamakko Local Government, Sokoto State, Nigeria. *World Research Journal Biology of Biological Sciences*, 3(2), 018-023.
- **Muhammad I.A**, Aliyu L.S , Ismaila A, Musa A (2017) Nematicidal Properties and Phytochemical Screening of *Tamarindus Indica* and *Azadirachta Indica* Extract Against Burrowing Nematode of Banana Plant in Sokoto State. *Journal of advanced Botany and zoology*, 5(3): 2348 – 7313.

CONFERENCES & PRESENTATIONS

- **MUHAMMAD Imrana Arzika.**, ABDULLAHI, Ahmed and YAHAYA Sani Lema (2025). In Vitro Evaluation of Antibacterial Property of *Nigella Sativa* Seed and *Carica Papaya* Leaves Extracts against *Escherichia Coli*. Being a Paper presented at the 3rd UMYU Conference on Microbiology and Related Sciences, 2025 at Department of Microbiology Umaru Musa Yar' Adua University, Katsina, Nigeria.
- **MUHAMMAD, Imrana Arzika.**, BALA, Aminu Yabo., SINGH, Kiran., and IMAM Mustapha Umar (2025). Co-distribution of Urinary Schistosomiasis and Soil-Transmitted Helminthiasis among School-age Children in Sokoto State, Nigeria Being a Paper presented at the 17th Annual Conference of Zoological Society of Nigeria held at the Department of Biological Sciences, Federal University Birnin Kebbi, Kebbi State, Nigeria.
- **MUHAMMAD Imrana Arzika.**, MUHAMMAD, Fa'iza., and ABUBAKAR Aminu (2025). Prevalence of Iron Deficiency Anaemia Among Pregnant Women Attending Antenatal Care At Specialist Hospital Sokoto, Nigeria Being a Paper presented at the 17th Annual Conference of Zoological Society of Nigeria held at the Department of Biological Sciences, Federal University Birnin Kebbi, Kebbi State, Nigeria.
- Bala Aminu Yabo, Abdullahi Nasir and **Imrana Muhammad Arzika** (2019). Prevalence of Typhomalaria Infection among Patients Attending Specialist Hospital Sokoto, Sokoto State, Nigeria. Being a Paper presented at the 53rd Annual Conference of Science Association of Nigeria held at Usmanu Danfodiyo University Sokoto, Nigeria.
- Bala, A. Y., Adamu, T. and **Muhammad, I. A.** (2019). Anti-Anaemic Potential of the Hydro-Ethanolic Extract of *Waltheria indica* (L) in Albino Rats with Parasitaemia – Induced Anaemia. Being a Paper presented at the 13th Annual Conference of Zoological Society of Nigeria held at Ahmadu Bello University, Main Campus, Zaria, Nigeria.
- Bala, A. Y., Ahmed F.I. and **Muhammad, I. A.** (2019). Haematological Changes in Malaria Infected Children Attending General Hospital Kankia, Katsina State, Nigeria. Being a Paper presented at the 13th Annual Conference of Zoological Society of Nigeria held at Ahmadu Bello University, Main Campus, Zaria, Nigeria.
- **Imrana Muhammad Arzika**, Kabiru Abdullahi, Aminu Bala Yabo., Sa'adatu Aliyu Shinkafi. (2017). Urinary Schistosomiasis among primary school pupils in Wamakko Local Government, Sokoto State, Nigeria. Being a Paper presented at the 41st annual conference of parasitology and public health Society of Nigeria held at Umaru Musa Yar'adua University, Katsina State, Nigeria.
- **Muhammad, I.A** and Salau, I.A (2017). Nematicidal properties and phytochemical screening of *Tamarindus indica* and *Azadirachta indica* extract against Root-knot Nematode of Banana Plant in Sokoto State. Being a Paper presented at Botanical Society of Nigeria Conference at Usmanu Danfodiyo University, Sokoto.

PROFESSIONAL MEMBERSHIPS

- Teacher's Registration Council of Nigeria (TRCN)
- Science Association of Nigeria (SAN)

- Botanical Society of Nigeria (BOSSON)
 - Zoological Society of Nigeria (ZSN)
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TECHNICAL SKILLS

- Data Analysis: SPSS, ODK, SurveyCTO, Epi Info
 - Laboratory Skills: Parasitological diagnostics, vector identification, specimen preservation
 - Research: Epidemiology, ecological field studies, statistical reporting
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COMMUNITY SERVICE

- Member, Young African Leaders Initiative (YALI) Network, Sokoto
 - Secretary, Intermediate and Ex-parliamentary Quarters Resident Association
 - Member, Guiwa Low Cost and Environs Forum
 - Member, Al-Kauthar Initiative
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LANGUAGE PROFICIENCY

- English: Full professional proficiency
 - Arabic: Advance proficiency
 - Hausa: Native
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REFERENCES

1. Prof. A.Y. Bala,
Department of Zoology, UDUS
aminubala@gmail.com
+234803598982
2. Prof. Nasir Ibrahim Tambuwal,
Department of Science Education, Sokoto State University
natambuwal68@gmail.com
+2348036084320
3. Dr. I.A. Salau,
Department of Biological Sciences, Federal University Gusau
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