**UNIVERSITY OF MEDICAL SCIENCES, LAJE ROAD, ONDO CITY, ONDO STATE**

**Curriculum vitae for Abiola Mojisola ASOWATA-AYODELE**

1. **PERSONAL DATA**
2. **Full Name (Surname first):** ASOWATA-AYODELE Abiola Mojisola (nee AYODELE)
3. **Date of Birth:**  26th October, 1983
4. **Details of Contact Address:**

a) E-mail addresses: mojiayodele83@yahoo.com

 mojisolaasowata@gmail.com

 mayodeleasowata@unimed.edu.ng

b) Mobile Phone numbers: +234-8110832776 (Call only)

+234-8175809120 (What app only)

1. **Nationality**: Nigerian
2. **State of Origin**: Ondo State
3. **Senatorial District**: Ose / Owo Senatorial District
4. **Local Government Area**: Ose Local Government
5. **Permanent Home Address:**  11B, Aule GRA, FUTA Road, Akure, Ondo State.
6. **Marital Status**: Married
7. **No. of Children & their Ages**: Three /11+ years, 7+ years & 3+ year
8. **Name of next of Kin**: Dr. Timothy Iyobosa Asowata
9. **Details of Contact Address**

**of Next of Kin**:

a) Email address: timoti4x@yahoo.com

b) Mobile Phone number: +234-8065348350

1. **Date of Assumption of Duty**: 4th of June, 2019
2. **Rank/ status on First Appointment**: Lecturer 1/ Full Time
3. **Present Status**: Senior Lecturer
4. **Date of Last Promotion**: October 2022
5. **Present Salary, Grade level & Step**: CONUASS 5 Step 2
6. **Date of Confirmation**: October, 2022
7. **Faculty/ Directorate**: Faculty of Science
8. **Department/ Unit**: Biosciences & Biotechnology/Plant Biology & Biotechnology
9. **ORCID & Google Scholar ID:** https:**//**orcid.org/ [0000-0002-9531-1105](https://orcid.org/0000-0002-9531-1105)

<https://scholar.google.com/citations?user=l7QOpnkAAAAJ&hl=en>

**B. Educational Background:**

**i. Higher Educational institutions attended with Dates:**

* University of Fort Hare, Alice, South Africa 2014- 2016
* University of Ibadan, Ibadan, Nigeria 2007-2009
* Obafemi Awolowo University, Ile-Ife, Nigeria 2001 – 2005
* St. Raphael’s Kiddies School, Ondo, Nigeria 1989-1994

**ii. Academic and Professional Qualification:**

* Doctor of philosophy in Botany (Ph.D. Botany) 2016
* Master of Science in Botany (M.Sc. Botany) 2009
* Bachelor of Education in Biology (B.Ed. Biology) 2005
* Senior Secondary School Certificate Examination (NECO) 2000
* First School leaving Certificate 1994
1. **Work Experience with dates**
2. **Work experience within University of Medical Sciences, Ondo**:

Teaching; Courses taught within the University since appointment in 2019

 (Senior Lecturer; Department of Biosciences; Plant Biotechnology Unit).

1. **Courses taught in second Semester 2023/2024 session**

**Course Code Course title Units Unit taught**

BIO 121 General Principles of Biology II 4 0.5

BIO 222/STB 222 Introductory Ecology 2 1

PBT 322 Medicinal Plants 2 1

PBT 324 Plant Ecology 2 1

PBT 326 Conservation and Biodiversity 2 1

PBT 423 Plant tissue culture 2 1

1. **Courses taught in first Semester 2023/2024 session**

 **Undergraduate courses**

**Course Code Course title Units Unit taught**

PBT 413 Plant host pathogens 3 1.5

PBT 417 Plant gene transfer 2 1

PBT 312 Plant Taxonomy 3 1.5

PBT 313 Plant Physiology 2 1

PBT 211/STB 215 Seedless plants

 Conversion programme

STB 325 Plant Ecology 2 1

 **Post graduate courses**

 AEB 831 Ecology of Tropical Terrestrial Ecosystem

PBT 816 Evolution and Diversity of major Plant Groups

1. **Courses taught in 2nd Semester 2022/2023 session**

**Course Code Course title Units Unit taught**

BIO 121 General principles of Biology 2 4 0.5

BIO 222/STB 222 Introductory Ecology 2 1

PBT 322 Medicinal plants 2 1

PBT 324/STB 325 Plant Ecology 2 1

PBT 424 Industrial Biotechnology 2 1

PBT 423 Plant tissue culture 2 1

1. **Courses taught in first Semester 2022/2023 session**

**Course Code Course title Units Unit taught**

PBT 211 / STB 215 Seedless plant 2 1

PBT 316 Advanced Biotechnology 3 1.5

PBT 413 Plant host pathogens 3 1.5

PBT 417 Plant gene transfer 2 1

PBT 419 Economic Botany 2 1

1. **Courses taught in 2nd Semester 2021/2022 session**

**Course Code Course title Units Unit taught**

BIO 121 General principles of Biology 2 0.5

PBT 221 Seeds plant 3 1.5

 BIO 222 Introductory ecology 2 1

PBT 322 Medicinal plants 2 1

PBT 324 Plant Ecology 2 1

PBT 326 Metabolic plant physiology 2 1

1. **Courses taught in first Semester 2021/2022 session**

**Course Code Course title Units Unit taught**

PBT 314 Plant Breeding 2 1

PBT 313 Plant Physiology 1 2 1

PBT 212 Introductory to Biotechnology2 1

STB 214 Introductory to Botany 2 1

PBT 413 Plant Reproduction 2 1

1. **Courses taught in Second Semester 2020/2021 session**

**Course Code Course title Units Unit taught**

BIO 121 General principles of Biology 4 0.5

` BIO 222 Introductory Ecology 2 1

PBT 211 Seedless plants 2 1

PBT 411 Economic botany 2 1

PBT 322 Medicinal plants 2 1

PBT 325 Plant Ecology 2 1

1. **Courses taught in First Semester 2020/2021 Session**

**Course Code Course title Units Unit taught**

BIO 111 General principles of Biology I 4 0.5

PBT 314 Plant Breeding 2 1

PBT 313 Plant Physiology 1 2 1

PBT 411 Economic Botany 2 1

1. **Courses taught in First Semester 2019/2020 Session**

**Course Code Course title Units Unit taught**

BIO 111 General principles of Biology I 4 0.5

BIO 212 Biological techniques 2 1

PBT 211 Seedless plants 2 1

PBT 212 Introduction to Biotechnology 2 1

PBT 311 Molecular Genetics 2 1

PBT 314 Plant Breeding 2 1

1. **Courses taught in Second Semester 2019/2020 Session:**

**Course Code Course title Units Unit taught**

BIO 121 General Principles of Biology II. 4 0.5

BIO 222 Introductory Ecology 2 1

BIO 314 General Ecology 2 1

PBT 221 Biology of Seed Plants. 2 1

PBT 322 Medicinal Plants 2 1

PBT 325 Plant Ecology 2 1

1. **Courses taught in Second Semester 2018 /2019 Session**:

**Course Code Course title Units Unit taught**

BIO 121 General principles of Biology 2 4 0.5

BIO 222 Introductory Ecology 2 1

PBT 221 Seed plants 2 1

Elizade University, Ilara Mokin, Ondo State. Teaching; Lecturer I; Department of Biological Sciences; Plant Biotechnology Unit; 2017/2018 Second Semester Session; 2018/2019 First Semester Session.

1. **Courses taught in Second Semester 2017 /2018 Session:**

**Course Code Course title Units Unit taught**

BIO 202 Ecology 1 2 1

BIO 204 Biological techniques 2 1

BIO 311 Ecosystem 2 1

BIO 411 Systematic Biology 3 1

BTH 412 Animal cell culture 3 1.5

BTH 416 Bio-resources management 2 1

BTH 408 Biosafety & Bioethics 2 1

1. **Courses taught in First Semester 2018 /2019 Session:**

**Course Code Course title Units Unit taught**

BIO 209 Seedless plants 2 1

BTH 305 Plant Biotechnology 2 1

BTH 307 Plant tissue culture 2 1

EMT 314 Landscape design 2 1

* Wesley University, Ondo, Ondo State; Teaching; Assistant Lecturer, Lecturer II and I ; Department of Biological Sciences, Plant Biotechnology Unit, College of Natural and Applied Sciences.
1. **Full Academic Session 2011 / 2012– First Semester 2017/ 2018 Session:**

**Course Code Course title Units Unit taught**

BIO 206 Introduction to Ethnobiology 2 1.5

BIO 211 Cell Biology 3 1.5

BIO 204 Principles of Biological Techniques 2 1

BIO 317 Plant Anatomy 3 1.5

BIO 363 Animal and Plant Ecology 2 1

BIO 364 Biostatistics and Biometry 3 1.5

BIO 482 Conservation Biology, Human and Population Genetics3 (1.5)

1. **Undergraduate supervision-** 12 students.

**Postgraduate supervision**

**M.Sc – 1 student**

**MPhil /PhD -** 1 student (Omolaso Believe)

**Previous work experience outside the University System with Dates:**

1. NYSC Secondary School, Calabar (Biology Teacher) 2006-2007
2. **ACADEMIC PUBLICATIONS:**
3. **Thesis / Dissertation:**
4. **Asowata-Ayodele A.M.**, (2016) [Pharmacological studies of *Foeniculum vulgare* (Mill.) and *Lippia javanica* (Burm. F.) Spreng. used as spices in Nkonkobe Municipality of the Eastern Cape province, South Africa](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=l7QOpnkAAAAJ&citation_for_view=l7QOpnkAAAAJ:9yKSN-GCB0IC). **AM Asowata-Ayodele Ph.D thesis** in University of Fort Hare.(Supervisor: **Prof. Anthony Jide Afolayan**)
5. **Ayodele A.M.**, (2009) Ethnomedicinal study of debarked medicinal trees in University of Ibadan, submitted to the Department of Botany, Faculty of Science, University of Ibadan, Ibadan, Oyo State, Nigeria (**M.Sc. thesis**). Supervisor: **Prof. Taiye R. Fasola.**
6. **Ayodele A.M.**, (2005) Causes of students’ riot among Universities students; Obafemi Awolowo University (OAU) as a case study. (**B.Sc Project Report**). Supervisor: **Dr. Mrs. Oyinloye**
7. **Published Journals Articles:**
8. **Asowata-Ayodele A.M.**, Otunola G.A. & Afolayan A.J. (2016a) Ethnobotanical survey of culinary herbs and spices used in the traditional medicinal system of Nkonkobe Municipality, Eastern Cape, South Africa. ***South African Journal of Botany*.** 104: 69-75.
9. **Asowata-Ayodele A.M.**, Otunola G.A. & Afolayan A.J. (2016b) Foliar micromorphology of *Lippia javanica*.***African Journal of Traditional Complementary and Alternative Medicine*.** 13(2): 237-242.
10. **Asowata-Ayodele A.M.**, Otunola G.A. & Afolayan A.J. (2016c) Assessment of the polyphenolic content, free radical scavenging and anti-inflammatory activities of *Lippia javanica*. ***Pharmacognosy Magazine*** 12(46): 353- s362.
11. Dabesor A.P., **Asowata-Ayodele A.M.** &Umoiette P. (2017) Phytochemical compositions and antimicrobial activities of *Ananas comosus* peels (M.) and *Cocos nucifera* Kernel (L.) on selected food borne pathogens. ***American Journal of Plant Biology***. 2(2): 73-76.
12. **Asowata-Ayodele A.M.,** Dabesor A.P. & Afolabi B. (2019a) Phytochemical compositions and antimicrobial activities of *Citrus sinensis* and *Citrus aurantifolia* peels on selected pathogenic bacteria isolated from Jollof Rice. ***International Journal of Pathogen Research.*** 2(3):1-7
13. **Asowata-Ayodele A.M.,** Otunola G.A. & Afolayan A.J. (2019b) Micro morphology of *Foeniculum vulgare* (Apiaceae). ***Advances in Plant and Agriculture Research.*** 9(1):147‒151.
14. **Asowata-Ayodele A.M.,** Otunola G.A. & Afolayan A.J. (2021) The Nutrient, Mineral and Anti-Nutrient Studies of two indigenous South African Spices. ***Journal of Advances in Biology & Biotechnology*** 9(1):147‒151.
15. Momoh A. & **Ayodele –Asowata A.M.** (**2022a)** Molecular analysis of the resistant factor of virulent uropathogenic *Escherichia coli* in volunteered females of Elizade University. ***Microbes and Infectious Diseases***. doi:10.21608/mid.2022.116201.1235.
16. Akomolafe S.R. & **Asowata-Ayodele A.M. (2022b).** Roasted cashew (*Anacardium occidentale* L.) nut-enhanced diet forestalls cisplatin-initiated brain harm in rats. **Heliyon** 8 (2022) e11066 https://doi.org/10.1016/j.heliyon.2022.e11066
17. Olatunji B.P., Arowosegbe S., Adeleke C.O., Obawumi D**. Asowata-Ayodele A.M** Nicotine Content and Dietary Composition of Some Cultivated Species of Solanaceae Family **(2022c)**. ***Annals of Science and Technology (AST).*** Volume 7 Issue 2.
18. Falade MJ and **Asowata-Ayodele A.M. (2022d).** Multi-seasonal evaluation of selected aqueous plant extracts for antimicrobial activities against rice blast disease. **International Journal of Plant Pathology and Microbiology.** 2022: 2(2):38-45.
19. Momoh Abdul Onoruoiza, **Asowata-Ayodele Abiola M**. Olayemi Ogonnoh, David-Momoh Theresa (2023a). The comparative antimicrobial effects of castor, garlic, beniseed and bitter cola extracts on microorganisms isolated from hospitals’ wards. ***Microbes and Infectious Diseases***. DOI: 10.21608/MID.2023.200261.1485.

[**Articles in Press**](https://mid.journals.ekb.eg/?_action=press&issue=-1&_is=Articles%20in%20Press)**, Accepted Manuscript; Available Online from 22 May 2023.**

1. **Asowata-Ayodele Abiola M**.., Onome Akinsola, Olatunji Babawale Peters, Momoh Abdul Onoruoiza, Olaide Felix Afolabi, (2024) *Parquetina nigrescens ameliorates cognitive damage, oxidative stress,acetylcholinesterase and neuro-inflammation against Aluminium Chloride Induced in Wistar Rats”* **Journal of health care and Research.**
2. **Asowata-Ayodele Abiola M**., Doyinsola Mogaji, Olatunji Babawale Peters, Olatuyi Olalekan Marvelous, Olaide Felix Afolabi, (2024) Neuroprotective potentials of Ethanolic leaf extract of *Anchomanes Difformis* leaves against AlCl3 induced Toxicity in wistar rat model-Alzheimer Disease Model. **Journal of health care and Research.**

**Manuscripts undergoing review**

1. Antimicrobial evaluation of *Momordica charantia* against urinary tract infections and its chemical profile. **Asowata-Ayodele Abiola M**.., Abosede Blessings, Momoh Abdul Onoruoiza, Olaide Felix Afolabi, (2024) **Journal of Phytomedicine and Therapeutics**.
2. Chemical composition with its anti-anaemic properties of methanolic leaves extract of ***Anchomanes difformis***. **Asowata-Ayodele Abiola M**.., Folusho Olomiyete, Olatunji Babawale Peters, Olaide Felix Afolabi, Olalekan Olatuyi, Oghale Godwin, Peter Anani Dabesor (2024) **Journal of health care and Research.**
3. Physicochemical and Bacteriological analysis of Sachet water samples being sold in ore town, Ondo State, Nigeria. Ekundayo EA, Adegboyega GN, Asowata-Ayodele AM., Ilemobayo AA., Adelakun I., Anuoluwa I.A., Arawande J., and Adewoyin HO., **ABUAD International Journal of Natural and Applied Sciences.**

**d) Published Book abstracts.**

1. **Asowata-Ayodele A­.M.,** Adewale O.O.­, Akomolafe S.F. and Adetunji J.B.,(2023) Advancement in the research of sulfated polysaccharides from algal origin and its antiulcer bioactivities accepted for publication in **Next –Generation Algae** Vol. 2. Scrivener Publishing, Chapter 8, 28 pages
2. Adewale O.O**., Asowata-Ayodele A­.M.,** Akomolafe S.F. and Adetunji J.B.,(2023) Natural compounds of algae origin with potential anticarcino- genic benefits accepted for publication in **Next –Generation Algae** Vol. 2. Scrivener Publishing, Chapter 7, 30 pages.
3. **Asowata-Ayodele A­.M.,** Oyetunji O.E.­ and Olatunji B.P. (2023). The role of ***Drosophilia melanogaster*** (Fruit fly) in managing neurodegenerative diseases in functional food and neutraceuticals research. Book chapter > **Phytochemicals in Agriculture,** > DOI: 10.5772/intechopen.110526. (35 chapters)

**Book chapters undergoing review**

1. **Abiola M. Asowata-Ayodele**, Ezekiel Olamoye Oyetunji, Temitayo Esther

Adeyeoluwa, Taiwo Godspower Olawoyin, Babawale Peter Olatunji and Timothy Bamgbose. (2024). **Algae and cyanobacteria as food supplements**. In a textbook entitled **Microbial Products for Health and Nutrition,** Springer nature Publishing.

1. **Abiola Mojisola Asowata-Ayodele**, Tunbi Damilare Ojo, Temitayo Esther Adeyeoluwa, Ezekiel Olowolaju, Timothy Bamgbose. **Risk assessment of harvesting of bioactive compound of tropical plants for conservation and sustainable management purposes**. (2024). In a textbook entitled Functional foods and bioactive ingredients: health benefits, production technology and commercialization**”** published in CRC Press.
2. Temitayo Esther Adeyeoluwa, Oluwabunmi Arogundade, Felix Olaide Afolabi, **Abiola M. Asowata-Ayodele,** Timothy Bamgbose. (2024). Metabolic profiling of bioactive compounds and therapeutic uses. In a textbook entitled **Functional foods and bioactive ingredients: health benefits, production technology and commercialization”** published in CRC Press.

**E (a.) Edited and Referred Conference Proceedings, Seminars and Workshops Attended with Dates:**

**Conference proceedings and abstracts.**

1. NOUN-Notre Dame Online Training Course and Research Project on Ethics and Sustainability of Artificial Intelligence for Nigerian Higher Education Lecturers. virtual
2. Organized and participated in the Pharma-Food Congress 2023, Theme: Functional Foods and Phytomedicine: Promoting Translational Research for Societal Impact at the University of Medical Sciences, Ondo, Nigeria. 13th- 16th, November, 2023.
3. **1st**  Faculty of Science Conference 2023, University of Medical Sciences, theme “Recent Advances in Sciences for Economic and Sustainable Healthcare Promotion. 28th-31st August, 2023. Book of abstracts, page 4 and 52.
4. Alexander Von Humboldt Conference (Humboldt-Kolleg Akure 2023), 6th- 8th of June, 2023 Poster presentation on **Histopathological and Biochemical Analysis of Ethanolic Extract of *Anchomanes difformis* Leaves, Commonly Consumed Vegetable, against AlCl3 Induced Toxicity in Wistar Rat. Page 57 in book of abstract.**
5. Humboldt International Conference (LASU-Humboldt-Kolleg, Ojo, Lagos, 2023) May 1 – 5, 2023. Conference participation with evidence of certificate.
6. 4th Pharma–Food Congress 2022, with the theme “on the role of functional Foods and Neutraceuticals in the Era of COVID-19 @ Landmark University, Omu-aran. 4th-7th October, 2022.

Paper presentation: Chemical profile and anti-anaemic studies of methanolic extracts of ***Anchomanes difformis***. Abiola M.Ayodele-Asowata, Olatunji Peter Babawale, Folusho Olomiyete, Felix Afolabi, Oghale Godwin. (Book of abstract, page 14).

1. 6th Annual International Conference of the Society for Medicinal Plants and Economic Development (SOMPED) Virtual, 23rd-25th August, 2022.

Paper Presentation:Olatunji Peter Babawale, Arowosegbe Sunday, 2Adeleke Chinyere Oluwaseyi, Obawumi Damilola, **Asowata Mojisola Abiola. Nicotine content and dietary composition of some cultivated species of Solanaceae family,** (Book of abstract, page 22).

1. 1st Faculty of Basic and Applied Sciences **Conference Proceedings** FBASCON 2019 held at Elizade University (EU), Ilara-Mokin, Ondo State, Nigeria on the 21st- 24th, June, 2019.

Paper Presentation: **Abiola Asowata-Ayodele**, “Antiurolithiatic potentials of extracts from *Lippia javanica* and *Foeniculum vulgare* plants. Pages 58-70

1. 24th Indigenous Plant use Forum Conference, through webinar on zoom platform, http/zoom.us/j/93961514368. 27 June-01 July, 2022, University of Johannesburg, Johannesburg, South Africa.

Paper Presentation: **Asowata-Ayodele A.M.,** Olatunji B.P., Ijomone O., and Godwin O.O. **(2022).** Neurochemical impact of *Parquetina nigrescens* on aluminum chloride-induced cognitive impairment in male wistar Rats.

1. 5th International Science Conference. Federal University Oye Ekti, Nigeria. 10th -12th January, 2022.

Paper Presentation: Olatunji B.P, Adenigba O, Bello O.O, GodwinO.O and **Asowata-Ayodele A.M.,** Comparative Nutritional Analyses and Antimicrobial potential of *Ludwigia decurrens* and *Corchorus olitorius* (Book of abstract Page 29).

1. **Maiden International Conference on Health, safety and environment (hybrid), ‘Advancing environmental health and safety through sustainable synergy between town and gown** at University of Benin, 11th to 14th May, 2022.

Poster presentation: Godwin O.O., Idu M., ATOE K., Olatunji B.P., **Asowata-Ayodele A.M.,** Anti-fertility and pro-fertility activities of *Desplatsia dewevrei* on wistar rats. (Book of abstract Page 61).

1. 54th Annual (Hybrid) Conference of the Science Association of Nigeria held at Faculty of Science, University of Ibadan, June 20-24, 2021

Paper Presentation: Ekundayo, E.A., Adegboyega, G. N., **Asowata-Ayodele A. M.,** Ilemobayo, A. and Adelakun, I. Physicochemical properties and bacterialogical analysis of sachet water samples purchased from Akure town, Ondo State, Nigeria.

1. 4th Annual International Conference of the Society for Medicinal Plants and Economic Development (SOMPED) held at the National Open University of Nigeria, Abuja, from 26-29 August, 2019.

Paper Presentation: **Ayodele-Asowata AM**, Otunola GA and Afolayan AJ (2019)

Antiurolithiatic potentials of extracts from *Lippia javanic*a and *Foeniculum vulgare.* (Book of abstract, page 52).

1. Pharma-Food Congress held at the Main Auditorium, The Federal University of Technology (FUTA), Akure, Ondo State, Nigeria, on the 21st to 24th July, 2019.

Paper Presentation: **Ayodele-Asowata AM**, Otunola GA and Afolayan AJ (2019) Chemical Components and Biological activities of essential oil from *Lippia javanic*a and *Foeniculum vulgare.* (Book of abstract, page 37)

1. 26th Annual Conference of Botanical Society of Nigeria (BOSON), held at the Ekiti State University, Ado Ekiti, Ekiti State, Nigeria on the 12th-17th August, 2018.
2. 24th Annual Conference of Botanical Society of Nigeria (BOSON), held at the University of Ibadan, Oyo State, Nigeria on the 14th-18th August, 2016.

Paper Presentation: **Ayodele-Asowata AM**, Otunola GA and Afolayan AJ (2016). Foliar micromorphology of *Foeniculum vulgare* (Apiaceae). (Book of abstract, page 14)

1. 25th South African Society of Biochemistry and Molecular Biology (SASBMB) Congress held at the East London International Convention Centre, South Africa.

A Poster presentation: Otunola GA, **Ayodele-Asowata AM** and Afolayan AJ (2016). Polyphenolic content and biological activities of *Lippia javanica* (Burm.F.) Spreng. ; July 10th -14th, 2016.

1. 21st annual Conference of Botanical Society of Nigeria (BOSON) plants: “Conserve to use, Use to conserve” held at Department of Botany, Obafemi Awolowo University, Ile-Ife. 3rd- 7th June, 2012.

**b. Workshops**

1. Virtual training on NOUN-Notre Dame Online Training Course and Research Project on Ethics and Sustainability of Artificial Intelligence for Nigerian Higher Education Lecturers. Monday, 8th July to Friday, 30th of August 2024.
2. Virtual training on Molecular Dynamics Simulation in Bioscience Research: From Theory to Practice, Organized by Quarxon Bio Molecular Docking, 6th of May, 2024
3. Training on the use of Power point for effective communication organized by the office of DVC UNIMED held at TETFUND hall, 6th September, 2023.
4. A 2 day 2023 leadership Orientation programme training, held @UNIMED Tetfund hall, 4TH-5TH August, 2023.
5. A one day training for all academics staff Organized by: Office of the Deputy Vice Chancellor (Academic); The Postgraduate School; Central Office for Research and Development (CORD) of University of Medical Sciences, Ondo onImperatives of Student Supervision and Oversight at UNIMEDheld on 28th March, 2023,
6. A webinar workshop by Africa Mentorship and Coaching Programme (AGMCP) on Essentials of Research Publication in high impacts Journals, 28th June, 2022. Through zoom link. ID 87890638615.
7. A 2-day ACURET- UNIMED Ondo Animal Ethics Training held at TETFUND Lecture Theartre Laje Campus, UNIMED Ondo, on the 5th -6th December, 2022.
8. A webinar workshop on “Quantitative methods for study design and data analysis in implementation science research”, 27th June, 2022. Through zoom. ID 94554995835
9. A one-day Workshop on use of searching tools and plagiarism checkers organized by the University of Medical Sciences, Ondo on 14th of June, 2022.
10. Grantmanship Workshop series 2, Developing a Research proposal and budget, held at University of Medical Sciences, Bolunrunduro campus, Ondo State, Nigeria on the 29TH- 30TH November, 2021.
11. Pedagogy teachings and learning in Higher Institution, held at University of Medical Sciences, Odosida campus, Ondo, Ondo State, Nigeria on the 23RD- 25TH November, 2021.
12. Advanced Digital Appreciation Programme for Tertiary Institutions (ADAPTI) Training on Statistical Analysis using Statistical Package for Social Sciences (SPSS) from 5 – 9 July 2021 at UNIMED.
13. A One-Day Capacity Building Workshop on Ethical Issues in Academia, Research, and Publications organized by the University of Medical Sciences, Ondo on 19 May 2021. “Scopus, Mendeley, Researcher Academy Training” on 30 April 2020 (Harare, Pretoria; Webinar).
14. Attended a webinar workshop on Entrenching Integrity and Combating Fraud in the Examinations and Records Administration of Tertiary Institutions organized by QRS Associates, Inc. from 20th to 21st April 2021, held at Council Chamber through Zoom link, UNIMED.
15. Workshop on use of HINARI/Research4Life platform & Literature searching organized by the University of Medical Sciences, Ondo on 2 March 2021.
16. Training on Mendeley Reference Management System organized by the University of Medical Sciences, Ondo on 2 March 2021.
17. Attended a workshop on “Introduction to Bioinformatics and its application in biomedical research” organized by the University of Medical Science (UNIMED) in collaboration with the Africa Centre of Excellence in Genomics of Infectious Diseases (ACEGID), Redeemers University, Ede held at E-library, UNIMED on the 25th- 29th November, 2019.
18. Attended the 1st workshop on “Developing the next Generation of Researchers” held at University of Ibadan, Nigeria on the 2nd- 4th April, 2019, funded by the Association of Commonwealth Universities.
19. Attended the workshop on “R and Python software” held at Elizade University, Ilara-Mokin, Ondo State on the September 24-25, 2018.
20. Attended the 2nd workshop in Ornithology held at Elizade University (EU), Ilara-Mokin, Ondo State on the 10th-14th September, 2018.

**c. Academic Membership**

* Member, Botanical Society of Nigeria (BOSON)
* Member, Society for Medicinal plants and Economic Development (SOMPED)
* Member, Functional Food Association.

**F. Services within University of Medical Sciences (UNIMED), Ondo.**

**Departmental responsibilities:**

* Coordinator, Plant Biology and Biotechnology Unit ( February, 2023 till date)
* Time table officer (2021/2022 session till date)
* 400 level course advisor (2021/2022 session till date)
* Examination officer (2019/2020- 2020/2021 sessions)
* Chairman, Welfare Committee (2019/2020- 2020/2021 sessions)
* Secretary, Curriculum Committee (2019/2020- 2020/2021)
* Member, Seminar Committee (2019/2020- 2020/2021 sessions)
* Member, Departmental Postgraduate Board- 2020- till date

**Faculty responsibilities: None**

**University responsibility:**

1. **Coordinator, Pre-degree Programme, UNIMED, 2023/2024 session**
2. **Member, Local Organizing Committee:** 5th Pharma–Food Congress 2023, with the theme “Functional foods and phytomedicines: Promoting Translational Research for Societal Impact, coming up on 13th- 16th November, 2023.
3. **Member,** University Investigative Panel on Remarking of Student’s scripts 27th March, 2023 till date)
4. **Chairman, Local Organizing Committee:** A one- day scientific forum on herbal medicine held at TETFUND hall, 31st August, 2023.
5. **Member,** Faculty research cluster on functional foods- 2021- till date.
6. **Member, Local Organizing Committee:** Women in Science (Chemistry) hosted at UNIMED 14th of February, 2023.
7. **University responsibilities: Member,** Center for Herbal Medicine and Drug Development, University of Medical Sciences, Ondo. May, 2021- till date.

**Services outside UNIMED**

 **Elizade University, Ilara-Mokin, Ondo State.**

* Chairman, Departmental Welfare Committee (2018/2019 session)
* Member, Local Organizing Committee (LOC), 1st Faculty of Science Conference held at Elizade University (EU), Ondo State, Nigeria on the 21st- 24th, June, 2019.

**Wesley University, Ondo, Ondo State.**

* Departmental and Faculty Examination officer (2013/2014 session)

**Community activities:**

**Ondo State Coordinator, Motherhood NGO**:

* Distributed of gifts items to orphanage homes within Ondo State
* Participated in distribution of safe birth kits to pregnant women within Ilara-mokin and Akure communities ( 2019-till date)

**G. Contribution to Knowledge:** My research foci as evidenced in the following fields of studies which include Plant ecology, Phytomedicine, Pharmacology and toxicology including bioprospecting to novel drugs from medicinal plants. My publications have encompasses in the following areas: i) Essential oil-containing plants (fruits and Spices)

 ii) Ethnobotanical survey

 iii) Ethnopharmacological studies

 iv) Antimicrobial studies of medicinal plants.

 v) Plant Ecology

Through my first publication on Ethnobotanical survey of culinary herbs and spices used in the traditional medicinal system of Nkonkobe Municipality, Eastern Cape, South Africa, published in *South African Journal of Botany*, I was able to establish a database for ethnobotanical remedies for various illness through the use of spices among the people of Eastern Cape Province and Municipality. This has helped the community to incorporate some of commonly used spices in their daily meal. My study on foliar micro-morphology of some spices (*Lippia javanica* and *Foeniculum vulgare*) have helped to show some promising plant trichomes in the leaves, which has been cited by many scholars and useful in the disseminating of information on essential oil. My research work has also provided some justification for industrial processing of some selected medicinal plants into consumable and marketable products in forms of tablets, powders, decoctions, infusions in line with good manufacturing practice using appropriate equipment. This has helped the products comparable with orthodox medicines and will make traditional medicine more relevant to the local communities in a developing country like Nigeria. I currently anchored a women leading programme where I teach women on the use of medicinal plants for both economic and industrial purposes online. My research also focus on development of database for local control of pesticidal properties of medicinal plants and their uses in Biotechnology. My research works have provided the scientific justification for the use of several plants in industry and ethnobotany as flavouring and phyto-therapy agents.

As a teacher of knowledge for several years, I have been able to impacts and arose students’ interests in further study of my itemized areas of studies.

H **Names and Addresses of Referees (with e-mails & contact telephones):**

**Dr. Olayinka Osuolale**

Biological Sciences Department

Elizade University, Ilara-Mokin, Nigeria.

+2348032277655

Olayinka.osuolale@elizadeuniversity.edu.ng

**Prof. O. O. OKOH**

Chemistry Department,

University of Fort Hare, Alice,

South Africa. +27727389190

Ookoh@ufh.ac.za

**Prof. T. R. FASOLA,**

Botany Department,

University of Ibadan, Ibadan,

Oyo State, Nigeria. +2348055303348

fasolatr@yahoo.com

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 **4th June, 2024**

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