

# CURRICULUM VITAE



## A. PERSONAL INFORMATION

Name: MUDASIRU Opeyemi Muideen  
Date of Birth: 09-07-1986  
Place of Birth: Ibadan  
Age: 35 Years  
Sex: Male  
Marital Status: Married  
Nationality: Nigerian  
Town and State of Origin: Ibadan and Oyo  
Local Government Area: Ibadan South East  
Senatorial District: Oyo South Senatorial District  
Contact Address: Herbarium Section, Department of Pure & Applied Botany, Federal University of Agriculture, Abeokuta (FUNAAB), Nigeria  
Permanent Residential Add: S4/517 Idi-Aro, Ibadan South East LGA, Ibadan, Oyo State  
Cell Phone Number: 07065579072  
Email Address: opeyemi.mudasiru2013@gmail.com, mudasiruom@funaab.edu.ng  
Present Employer: Federal University of Agriculture, Abeokuta  
Present Post: Assistant Lecturer  
Present Salary Scale: CONUASS 02 Step 02

## B. EDUCATIONAL BACKGROUND

### (i) Educational Institutions Attended with Dates

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University of Ibadan, Ibadan, Nigeria	2015 – Present
University of Ibadan, Ibadan, Nigeria	2012 – 2014
Obafemi Awolowo University Ile-Ife Osun State, Nigeria	2006 – 2011
Oyo State School of Science Pade, Ibadan, Oyo State	2001 – 2004

Lagelu Grammar School Agugu, Ibadan, Oyo State	1998 – 2001
I.M.G Primary School II Agugu Idi-Obi, Ibadan, Oyo State	1992 – 1998

**(ii) Academic Qualifications Obtained with Institutions and Date**

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<b>Ph.D. with specialization in Botany (Plant Taxonomy and Biosystematics)</b>	2021
❖ University of Ibadan, Ibadan, Nigeria	
<b>Master of Science, M.Sc. with specialization in Botany (Plant Taxonomy and Biosystematics)</b>	
❖ University of Ibadan, Ibadan, Nigeria	2014
<b>Bachelor of Science, B.Sc. (Honours) Biology</b>	2011
❖ Obafemi Awolowo University Ile-Ife Osun State, Nigeria	
<b>Senior School Certificate Examination (NECO)</b>	2004
❖ Oyo State School of Science Pade, Ibadan, Oyo State	
<b>Junior School Certificate Examination</b>	2001
❖ Lagelu Grammar School Agugu, Ibadan, Oyo State	
<b>First School Leaving Certificate</b>	1998
❖ I.M.G Primary School II Agugu Idi-Obi, Ibadan, Oyo State	

**C. WORK EXPERIENCE**

**(i) Teaching Experience**

2019 – Present

**Federal University of Agriculture, Abeokuta (FUNAAB), Nigeria**

*Assistant Lecturer (Department of Pure and Applied Botany)*

**RESPONSIBILITIES:**

NUMBER OF COURSES AND STUDENTS TAUGHT IN 2018/2019 ACADEMIC SESSION						
FIRST SEMESTER 2018/2019 ACADEMIC SESSION						
S/N	Course Code	Course Taught	Course Unit	No. of Students	Contact Hours per week	No. of Lecturers
1	BOT 323	Comparative Plant Anatomy	3	56	4	1
2	BOT 329	Plant Taxonomy &	3	56	4	2

		Biosystematics				
3	BOT 403	Plant Anatomy II	2	44	2	1
4	BOT 401	Current Topics	1	47		5
5	BOT 415	Entrepreneurship opportunities in Botany	2	47	2	5
<b>SECOND SEMESTER 2018/2019 ACADEMIC SESSION</b>						
1	BIO 210	Research Methods	2	105	2	2
2	BOT 202	Angiosperm Morphology	2	105	3	2
3	BOT 212	Seed Plants	2	95	2	2
4	BIO 392	Industrial Training Assessment	4	56		5
5	BIO 394	Industrial Training Visitation	4	56		5
6	BIO 396	Industrial Training Reports	4	56		5
7	BIO 398	Industrial Training Seminars	4	56		5
8	BOT 402	Population Ecology	2	47	2	5
9	BOT 408	Nigerian Vegetation	2	47	2	1
10	BOT 410	Conservation and Biodiversity	3	47	2	2
11	BOT 499	Research Project and Seminar	6	4		1
<b>NUMBER OF COURSES AND STUDENTS TAUGHT IN 2019/2020 ACADEMIC SESSION</b>						
<b>FIRST SEMESTER 2019/2020 ACADEMIC SESSION</b>						
S/N	Course Code	Course Taught	Course Unit	No. of Students	Contact Hours per week	No. of Lecturers
1	BOT 215	Medicinal Plants	3	129	2	3
2	BOT 323	Comparative Plant Anatomy	3	86	2	2
3	BOT 329	Plant Taxonomy & Biosystematics	3	101	4	2
4	BOT 403	Plant Anatomy II	2	47	2	2
5	BOT 401	Current Topics	1	47		6
6	BOT 415	Entrepreneurship opportunities in Botany	2	47	2	6
<b>SECOND SEMESTER 2019/2020 ACADEMIC SESSION</b>						
1	BOT 102	Flowering Plants, Forms and Functions	2	106	2	2
2	BOT 202	Angiosperm Morphology	2	129	3	2
3	BOT 204	Developmental Biology	2	263	3	2

4	BIO 392	Industrial Training Assessment	4	87		6
5	BIO 394	Industrial Training Visitation	4	87		6
6	BIO 396	Industrial Training Reports	4	87		6
7	BIO 398	Industrial Training Seminars	4	87		6
8	BOT 408	Nigerian Vegetation	2	48	2	2
9	BOT 499	Research Project and Seminar	6	4		1

- ❖ Engaged 300L and 400L students with practical in the laboratory and field.
- ❖ Graded examinations and test.

**Student supervision (Undergraduate Project):**

- ❖ Four Project Students supervised within 2018/2019.
- ❖ Four Project Students supervised within 2019/2020.

2017-2019 (every 1<sup>st</sup> Semester)

**Federal University of Agriculture, Abeokuta (FUNAAB), Nigeria**

*Associate Lecturer (Assistant Lecturer Status) (Department of Pure and Applied Botany)*

**RESPONSIBILITIES:**

- ❖ Taught BOT 323 (Comparative Plant Anatomy), BOT 329 (Plant Taxonomy & Biosystematics) and BOT 403 (Plant Anatomy II).
- ❖ Engaged 300L and 400L students with practical in the laboratory and field.
- ❖ Graded examinations and test.

2016-2018

**University of Ibadan, Ibadan, Nigeria**

*Teaching and Tutorial Assistant (Department of Botany)*

**RESPONSIBILITIES:**

- ❖ Assisted the academic staff members in marking and conducting practical's for undergraduate student.
- ❖ Assisted academic staff in class and giving students tutorials when needed.
- ❖ Assisted the HOD and Departmental PG coordinator on general academic activities.
- ❖ Mentored undergraduate and postgraduate students on Herbarium preparation of voucher specimens.
- ❖ Organized field trip/debate sessions for undergraduate students.

2013 – 2016

**Best Brain College Bashorun, Ibadan**  
*BIOLOGY / AGRIC. SCIENCE TEACHER*

**RESPONSIBILITIES:**

- ❖ Taught Biology and Agricultural Science at the senior level.
- ❖ Supervised students' seminar and projects.
- ❖ Organized students for field trip.
- ❖ Supervised and graded examinations.

2012 – 2013

**Sultan Abdur-Rahman School of Health Technology Gwadabawa, Sokoto State**  
(Department of General Studies); (Department of Environmental Health Sciences) and (Department of Health Information Management)  
*LECTURER (NYSC)*

**RESPONSIBILITIES:**

- ❖ Taught variety of Departmental courses ranging from freshmen-level to Advanced Placement, such as General Biology, EVT 210 (Introduction to Health Statistics) and MTH 102 (Additional Mathematics).
- ❖ Supervised practical and exams.
- ❖ Assessed the students and collated their results.

2011 – 2012

**Samwagba Comprehensive College Ore, Ondo State**  
*CLASSROOM TEACHER*

**RESPONSIBILITIES:**

- ❖ Taught Agricultural Science and Biology in both Junior and Senior classes respectively
- ❖ Facilitated activities such as quiz competition, debate, sports and cultural drama.
- ❖ Prepared and graded exams, graded laboratory reports and notebooks.
- ❖ Supervised students in the laboratory four hours per week.

**(ii) Research Experience**

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- ❖ Taxonomic revision and Phylogenetic Relationships of the Family Combretaceae in Nigeria using Morphological and DNA Markers.
- ❖ Taxonomic Studies of Genus *Basella* Linn. (Family Basellaceae).
- ❖ Comparative Wood Anatomy of some species in the family Combretaceae in Nigeria.
- ❖ Anatomic Studies of Nigerian species of Genus *Corchorus* Linn. (Subfamily Grewioideae).
- ❖ Taxonomic revision of families Annonaceae, Malvaceae, Lamiaceae and Sapindaceae.

## **D. PRIZES, HONOURS, NATIONAL AND INTERNATIONAL RECOGNITION**

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### **RESEARCH AWARD (2018)**

- ❖ Best Ph.D. Oral Presentation (ICPEP -6) – National Botanical Research Institute (NBRI), Lucknow India, 27<sup>th</sup>-30<sup>th</sup> November 2018.

### **CSIR-TWAS POSTGRADUATE FELLOWSHIP AWARD (2017-2019)**

- ❖ Ph.D. Research Fellowship Award by The World Academy of Sciences (TWAS), Italy and Council of Scientific Industrial Research (CSIR), India 2017-2019

### **National Youth Service Corps (2012)**

- ❖ NYSC Discharged Certificate
- ❖ Certificate of Meritorious Service and Recognition (Sultan Abdurahman School of Health and Technology).

### **Biology Students Association of Nigeria:**

#### **CERTIFICATES OF RECOGNITION OF SERVICE**

- ❖ Executive President (Adeyemi College of Education Ondo chapter) 2010
- ❖ Public Relation Officer (Adeyemi College of Education Ondo chapter) 2009
- ❖ Assistant General Secretary (Adeyemi College of Education Ondo) 2008

## **E. MEMBERSHIP OF ACADEMIC, SCIENTIFIC AND PROFESSIONAL BODY**

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### **International Society of Environmental Botanists (ISEB)**

- ❖ Life Member 2018-Till Death

### **Botanical Society of Nigeria (BOSON)**

- ❖ Annual Member 2015-Till Date

### **Nigerian Field Society (NFS)**

- ❖ Annual Member 2015-Till Date

## **F. SPECIAL ASSIGNMENTS/COMMUNITY SERVICE**

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- ❖ **National Drug Law Enforcement Agency** (Drug Free Club- Community Development Service, Sultan Abdurahman School of Health and Technology, Gwadabawa, Sokoto State).
- ❖ **Tutor of University of Ibadan–Guaranty Trust Bank Intervention** in Some Selected Secondary Schools in Oyo State. **Centre:** Baptist Secondary School Oke-Ado. A Three-Year Pilot Intervention.

## G. CONFERENCES AND WORKSHOPS ATTENDED AND PAPERS PRESENTED

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### International

- ❖ *Sixth International Conference on Plants & Environmental Pollution at CSIR-NBRI, Lucknow (India), 27 – 30 November 2018* (Oral Presentation).
- ❖ *Indian Plant Science Congress (IPSC 2019)* with the scope- Biodiversity and Conservation, Plant Molecular Biology, Plant Breeding and Genetics, Genomics and Gene Editing, Plant Physiology, Taxonomic and Molecular Systematics, Medicinal Plant Research, Food and Agriculture. IPSC (2019) at **SRM Institute of Science and Technology, Kantankulathur, Chennai, Tamil Nadu, India, January 23 – 25, 2019** (Poster Presentation).
- ❖ Workshop on Authentication of herbal raw drugs by DNA Barcoding held at **SRM Institute of Science and Technology, Kantankulathur, Chennai, Tamil Nadu, India, January 21-22, 2019**.

#### *Practical Techniques covered:*

- Isolation of genomic DNA from raw drug samples
  - PCR amplification of DNA barcoding markers
  - Purification of DNA barcoding markers
  - Cycle sequencing reaction & purification
  - Sequencing by Sanger sequencer (Applied Biosystems)
  - Sequence editing using CodonCode Aligner
  - Bioinformatics analysis for authentication.
- ❖ *2<sup>nd</sup> International Conference on Scientific Research and Innovation* with the theme “*SCIENTIFIC RESEARCH AND INNOVATION IN NIGERIA*” held at the **Faculty of Science, University of Ibadan, Oyo State, Nigeria, March 16 – 20<sup>th</sup>, 2015** (Poster Presentation).

### National

- ❖ *24<sup>th</sup> Annual Conference of Botanical Society of Nigeria (BOSON)* held at Department of Botany, Faculty of Science, University of Ibadan, Nigeria, **August 14 -18<sup>th</sup>, 2016** (Oral Presentation).
- ❖ *23<sup>rd</sup> Annual Conference and Exhibition of Botanical Society of Nigeria (BOSON)* held at Department of Botany, Faculty of Science, University of Lagos, Nigeria, **August 16 - 20<sup>th</sup>, 2015** (Oral Presentation).

## H. PUBLICATIONS

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### Articles Published in referred Journals

- ❖ Oladejo, S. O., Olawuyi, O. J., Awoniran D. R. and **Mudasiru, O. M. 2018.** Spatial Distribution of Phytochemical and Antifungal Evaluation of Six Medicinal Plants in South-West, Nigeria. *International Journal of Traditional and Complementary Medicine*, 11 (3): 1-14.
- ❖ Akinsulire O. P, Oladipo O. T, Illoh H. C and **Mudasiru O. M.** 2018. Vegetative and Reproductive Morphological Study of Some species in the Family Combretaceae in Nigeria. *Ife Journal of Science*, 20 (2): 371-389.
- ❖ **Mudasiru, O. M.**, Ayodele A. E. and Akinloye A. J. 2016. Taxonomic Implication of Wood Characters in Some Members of the Genus *Terminalia* Linn. (Combretaceae) in Nigeria. *Nigeria Journal of Botany*, 29 (1): 23-41.

### Manuscript submitted for Publication

- ❖ **Mudasiru, O. M.**, Ayodele, A. E. and Rana, T. S. Potential Impacts of Climate Change and Air Pollution on Plant Diversity in Nigeria. *Modern Environmental Science and Engineering* (in press).
- ❖ **Mudasiru, O. M.**, Ayodele, A. E. and Rana, T. S. Two New species of Genus *Combretum* (Combretaceae) from Southern and Northern, Nigeria (*Nordic Journal of Botany*).

## I. PERSONAL SKILLS

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**Computer (IT) Proficiency:** MS Word, Outlook, Excel, PowerPoint, SAS, PAST, PAUP and MEGA.

### Research and Technical Skills:

- ❖ Expertise in Herbarium techniques
- ❖ Expertise in Ultra-Microtome techniques, Light, Fluorescent, Scanning Electron Microscopy (SEM) and Transmission Electron Microscopy (TEM), image acquisition, image processing and related cell biology assay.
- ❖ Expertise in molecular biology, Gene amplification via PCR (polymerase chain reaction) and DNA Cycle Sequencing of gene regions.
- ❖ Routine Lab techniques: DNA Isolation, Electrophoresis, NanoDrop Spectrophotometer
- ❖ Bioinformatics tools and database comparisons of DNA sequences and compilation of phylogenetic trees in resolving taxonomic and phylogenetic complex plant group (taxa).
- ❖ Confident to perform any work assigned.

**Other Skills:** Pedagogic skills.



**Languages:**

Language	Read	Write	Speak
English	✓	✓	✓
Yoruba	✓	✓	✓
Hausa	✓	✓	✓
Hindi			✓

**J. EXTRA-CURRICULAR ACTIVITIES**

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- ❖ Reading
- ❖ Making Research
- ❖ Phyto-photography

**K. REFEREES**

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**Prof. A. E. Ayodele**

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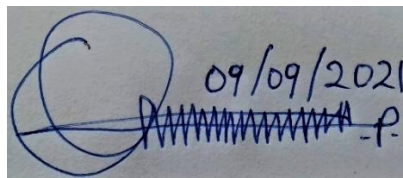
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A handwritten signature in blue ink on a grey background. The signature is stylized and includes the date '09/09/2021' written above it. The signature appears to be 'Mudasiru O. M.' followed by a flourish.

**Mudasiru O. M.**