CURRICULUM VITAE

DR. (MRS) ELIZABETH TOLULOPE OBIWOLE
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PROFESSIONAL PROFILE

Botanist and university lecturer with expertise in plant anatomy, taxonomy, morphology and biosystematics. Research interests focus on the application of anatomical and molecular characters to plant identification, classification and systematic studies. Experience includes university teaching, undergraduate research supervision, postgraduate co-supervision, peer-reviewed publishing, conference presentations, academic administration and quality assurance. Research contributions span leaf epidermal studies, DNA barcoding, medicinal plants and bioinformatics, with a strong commitment to teaching, research and institutional service.

EDUCATION

(i) Ph.D. Botany, Obafemi Awolowo University, Ile-Ife, Nigeria
2021

ii) M.Sc. Botany, Obafemi Awolowo University, Ile-Ife, Nigeria
2013

(iii) B.Sc. Botany, Obafemi Awolowo University, Ile-Ife, Nigeria
2008

ACADEMIC APPOINTMENTS

(i) Lecturer I, Federal University of Agriculture, Abeokuta
2024 – Date

(ii) Lecturer II, Federal University of Agriculture, Abeokuta
2021 – 2024

(iii) Assistant Lecturer, Federal University of Agriculture, Abeokuta
2019 – 2021

RESEARCH AREAS

Plant Anatomy; Plant Morphology; Plant Biosystematics.

RESEARCH PROJECTS

(i) Exploring the Taxonomic Benefits of Some Neglected and Underutilized *Senna* Mill Species (Caesalpinioideae: Fabaceae) in Southwest Nigeria - Co-Researcher, IBR Project.

(ii) Comparative Leaf Epidermal Studies of Three Selected Species in the Genus *Allamanda* in Nigeria.

(iii) Leaf Epidermal Studies of Three Selected Euphorbiaceae Species and Their Systematic Significance.

(iv) Taxonomic Significance of Leaf Epidermal Characters in Selected Lamiaceae.

SELECTED PUBLICATIONS

1. Akinyemi, O. F., Obiwole, E. T., Bamigboye, T. O., Fawibe, O. O. and Oyelakin, A. S. (2026). DNA barcoding-based assessment of genetic variation in selected Southwest Nigerian medicinal *Senna* species (Caesalpinioideae: Fabaceae). *Advances in Horticultural Science,* 40(1), 47–60.
2. Oni, E. O., Akinyemi, O. F., Obiwole, E. T., Ojo, A. O., Atayese, A. O., Odemakinde, O.V. and Sanusi, J.O.F. (2025). Control of Aflatoxin-Producing Moulds in Dried Cow-Skin Hide (Ponmo- Ijebu) Using Catnip Leaf Extract. *Journal of Natural Science, Engineering and Technology,* 24:112-122.
3. Obiwole, E. T., Obinusi, K. I., Oyelakin, A. S., Fawibe, O. O., Akinyemi, O. F. and Bamigboye, T. O. (2024). Leaf Epidermal Studies of Three Apocynaceae Species (*Allamanda cathartica* Linn., *Rauvolfia vomitoria* Afzel. and *Catharanthus roseus* Linn.). *Journal of Natural Sciences, Engineering and Technology*, 23(1), 73–82.
4. Fawibe, O. O., Agunbiade, F., Chukwurah, P. N., Akinyemi, O. F., Obiwole, E. T., Ilem, D. O. and Bamigboye, T. O. (2024). Bioinformatic Analysis of Some Natural Antihypertensive Compounds from Medicinal Plants as Promising Inhibitory Agents Against Angiotensin-Converting Enzyme. *Nigerian Journal of Biotechnology*, 4(12), 84–103.
5. Oyelakin, A. S., Ossai, S. I., Fawibe, O. O., Akinyemi, O. F., Obiwole, E. T., Ogeyinbo, J. and Obaba, C. (2024). Sequence Analysis of Some Species in the Genus Amaranthus L. Using the rbcL Gene. *Bulgarian Journal of Crop Science,* 61(2), 96–103.
6. Odedeji, E. T. and Adedeji, O. (2015). Comparative Foliar Epidermal Studies of Twelve Species in the Family Cyperaceae. *Journal of Advanced Laboratory Research in Biology*, 6(4), 111–123.

SELECTED CONFERENCES

(i) Ecological Society of Nigeria (ECOSON), Osun State University, Osogbo, Nigeria - 2023.
(ii) 8th Biodiversity Conservation Conference, University of Lagos, Nigeria - 2023.
(iii) 3rd Biennial Biosciences Conference, Federal University of Agriculture, Abeokuta, Nigeria - 2024.
(iv) FUNAAB HUMBOLDT KOLLEG Conference, Federal University of Agriculture, Abeokuta, Nigeria - 2025.
(v) COLBIOS Conference, Federal University of Agriculture, Abeokuta, Nigeria - 2026.

SELECTED UNIVERSITY AND ADMINISTRATIVE RESPONSIBILITIES

(i) Coordinator, Departmental Part-Time Degree Programme, 2021 - till date.

(ii) COLBIOS College Board Representative, College of Agricultural Management and Rural Development (COLAMRUD), 2021 - 2022.
(iii) COLBIOS College Board Representative, Student Disciplinary Committee, 2023 -2025.
(iv) COLBIOS Representative in SIWES, 2025- till date.
(v) Secretary, COLBIOS Event Planning Committee, 2025 – till date.
(vi) Secretary, Academic Board Meeting, Department of Pure and Applied Botany, 2025- till date.
(vii) SIWES Coordinator, Department of Pure and Applied Botany, 2025 - till date.
(viii) Secretary, Quality Assurance Committee, Department of Pure and Applied Botany, 2025 - till date.
(ix) Secretary, Welfare Committee, Department of Pure and Applied Botany, 2025 - till date.

PROFESSIONAL DEVELOPMENT

i. Scientific Writing and Publishing Skills Course, African Women in Agriculture Research and Development (AWARD), 2019.
ii. Academic Retreat on University Ethics, Pedagogy and Examination Matters, Federal University of Agriculture, Abeokuta, 2021.
iii. Development Training for Middle-Level Academic Professionals, College of Biosciences, FUNAAB, 2024.
iv. BYTEPLUS FUNAAB LMS Training on E-Learning Resources, 2024.
v. Basic Bioinformatics Training, Inqaba Biotech West Africa Laboratory, Ibadan, 2024.
vi. Capacity Training Workshop on Accelerating Quality Academic Delivery in the Nigerian University System for Sustainable Development Goals, 2025.
vii. DACIS Academic Staff Training Workshop: Introduction to Bioinformatics, 2026.
viii. 2026 IUPAC Global Women's Breakfast, FUNAAB, 2026.

PROFESSIONAL MEMBERSHIPS

Botanical Society ofDepartment of Pure and Applied Botany.

(i) Passport-sized photograph: portrait orientation and professional quality (jpg/png format, Nigeria, 2011-Date.
(ii) Nigerian Field Society, 2010-Date.