

CURRICULUM VITAE

Dr. (Mrs.) OLOYEDE, Funmilayo Mary

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PERSONAL DETAILS:

Name: OLOYEDE, Funmilayo Mary
(Formerly OGUNDIJO)
Marital Status/Sex: Married/Female
Date of Birth: 5th February, 1974
Nationality: Nigerian
Number of children: 3 (24 years, 21 years and 17 years)
Current Address: Department of Agronomy,
College of Agriculture,
Osun-State University,
P.M.B. 4494, Osogbo.

ACADEMIC AND PROFESSIONAL QUALIFICATIONS

Institution Attended	Duration	Academic Qualification
Obafemi Awolowo University, Ile-Ife, Osun State, Nigeria.	2006-2011	Ph.D. (Plant Science)-Physiology & Horticulture options.
Obafemi Awolowo University, Ile-Ife, Osun State, Nigeria.	2001-2005	M.Sc. (Plant Science)-Physiology & Horticulture options.
Obafemi Awolowo University, Ile-Ife, Osun State, Nigeria.	1995-2000	B.Sc. (Botany)
Summerset Computer Training Institute, Bauchi State, Nigeria.	2001	Diploma in Data Processing

DISTINCTIONS, GRANTS AND AWARDS:

- Institutional International travel grant 2026
- FAO UN Regional Consultation Conference travel grant 2026
- DAAD Research Stay for University Academics and Scientists 2025
- Institutional-based Research Grant 2023
- Institutional International travel grant 2019
- Institutional local travel grant 2018
- Institutional local travel grant 2015
- Humboldt Foundation colloquium grant 2014
- FAO UN Science Forum (Early Career Scientist) Grant 2013
- African-German Network of Excellence in Science Grant for Junior Scientists (AGNES) 2012
- CTA value chain conference Grant 2012
- Netherlands Fellowship Program (NFP) Award 2010
- Carnegie Corporation New York PhD Scholarship Award 2008
- Carnegie Corporation New York MSc. Scholarship Award 2003
- Bauchi State best corps member Award 2001
- Kirfi Local Government best corps member Award 2001

MEMBERSHIP OF PROFESSIONAL BODIES:

- I. Member, Horticultural Society of Nigeria (HORTSON)
- II. Member, Botanical Society of Nigeria (BOSON)
- III. Member, International Society for Horticultural Science (ISHS)
- IV. Member, Climate Change and Development in Africa (CCDA)
- V. Member, Organization for Women in Science for the Developing World (OWSD)
- VI. Member, Nigerian women in Agricultural Research for Development (NIWARD)
- VII. Member of the Community [Platform for African – European Partnership in Agricultural Research for Development](#) Phase II (PAEPARD II)
- VIII. Member, Forum for Agricultural Research in Africa (FARA) Network
- IX. Member, Network of Organic Agriculture Researchers in Africa
- X. Member, Community of Practice (CoP), Food Loss Reduction, FAO of the UNs.
- XI. Member, Africa Community of Practice (CoP) on Forgotten and Underutilized Food Commodities.
- XII. Member, Global Forum on Food Security and Nutrition (FSN Forum), FAO of the UNs.
- XIII. Member, Community of Family Farming & Agroecology Discussions

CONFERENCES /TRAINING EVENTS ATTENDED:

- i. African DSA's Conference, organized by African Association of Dean of Students' Affairs in Tertiary Institutions (AADSATI), held from 24th-28th August, 2026 at the University of Kigali, Rwanda.
- ii. Regional Consultation on Opportunity Crops in Africa, held at the Alisa Hotel, Accra, Ghana, from 9 to 11 June, 2026. Presented paper: From Neglect to Value: Unlocking Nigeria's Opportunity Crops.
- iii. Advancing Frontiers Conference (AFC) 2026 held online on March, hosted by the West Africa Centre for Crop Improvement (WACCI), University of Ghana. Presented paper: Development of Sustainable Value Chain for Nigerian Sesame (*Sesamum indicum* L.) Seeds.
- iv. 57th Annual conference of the German Society of Plant Nutrition (DGP) held at the Justus Liebig University Giessen, Germany, from 29th September to 1st October, 2025. Presented paper: Mitigating Food and Nutrition Insecurity through Agro-biodiversity.
- v. 43rd Annual Conference of Horticultural Society of Nigeria (HORTSON) held at Federal University, Oye Ekiti, from November 3 to 6, 2025. Presented paper: Effect of Processing on the Mineral and Chemical Compositions of Sesame (*Sesamum indicum* L.)
- vi. International Agriculture Symposium "AGROSYM 2024" held in Bosnia and Herzegovina, from October 10-13, 2024 (Online participation). Presented paper: Climate change impact on the quality of vegetable crops and potential for adaptation.
- vii. 1st International e-conference on Agro-Environmental Sustainability (ICAGENS 2024) held from October 19-20, 2024. Papers presented: 1. Biodiversity, climate change and food security nexus. 2. Climate change impact on the physiology of vegetable crops and potential for mitigation.
- viii. 41st Annual Conference of Horticultural Society of Nigeria (HORTSON) held at Ladoké Akintola University (LAUTECH) Ogbomoso, from November 12 to 16, 2023. Presented paper: Effect of soil amendments on nutritional and biochemical properties of snake tomato (*Trichosanthes cucumerina* L.) fruits
- ix. 1st Sustainable Agriculture Conference (SAC) held at Osun State University, College of Agriculture, Osogbo, Nigeria, from 16-17 November, 2022. Presented paper: Yield and

nutrient composition of tomato “romavf” (*Solanum lycopersicum*L.) as influenced by direct sowing and transplanting.

- x. 1st African Organic Research Conference held at the University of Ibadan, Nigeria from 6-8, December, 2022. Presented papers: Proximate and amino acid compositions of tamarillo (*Solanum betaceum* L.) as affected by organic manures and Cultivation methods affect lycopene, vitamins A and C concentrations in tomato
- xi. Biennial Africa Climate Smart Agriculture Stake-holders Conference / Science and Partnership for Agriculture Conference. Held on the 14th -16th September 2022 in Accra Ghana. Presented paper: Biodiversity conservation of neglected and underutilized Nigerian horticultural crops.
- xii. Using Digital Object Identifiers to increase discoverability of African journal articles. Held on the 1st of February, 2022, organized by the Training Centre in Communication (TCC) Africa Team (Through the School of Biological Sciences Linkage) Gecaga Institute Bldg., Chiromo Campus, University of Nairobi.
- xiii. 54th annual conference of the Science Association of Nigeria at the University of Ibadan, Ibadan from 21st to 23rd of June, 2021.
- xiv. 25th ICABR Conference (virtual attendance) "ROLE OF THE BIOECONOMY IN GENERATING RESILIENCE AND SUSTAINABLE DEVELOPMENT" Ravello, Italy | June 29 - July 2, 2021
- xv. 4th All Africa Horticultural Congress (AAHC 2021 – VIRTUAL). Darka, Senegal, March 29-April 1st, 2021. Presented paper: Antioxidant Properties and Amino-Acids Contents of Rothmas and Kaolak Cultivars of Watermelon as Influenced by NPK Fertilizer
- xvi. 24th ICABR Conference (virtual) "ACCELERATING THE BIOECONOMY" October 12-2020. Presented paper: African Orphan Crops Production: How Viable Economically?
- xvii. The Research Data Alliance (RDA) Interest Group on Agricultural Data (IGAD) virtual meetings focusing on IGAD/RDA: Sharing Experiences and Creating Digital Dialogues on 25 to 28 May, 2020. Organized by the Food and Agriculture Organization of United Nations (FAO), Rome, Italy. Presented paper: Research, data sharing and the Nigerian agricultural development
- xviii. Deagrarianization. What are the underlying reasons and effects with focus on livelihoods, poverty reduction and climate change held (online) May 5, 2020. Organized by SIANI, SLU, Sweden.
- xix. 5th West African Organic Agriculture Conference held at the University of Ghana, Legon, Accra, Ghana from 12th to 15th of November, 2019. Presented paper: Effects of organic manure on the yield and antioxidant properties of Nigerian pumpkin morphotypes.
- xx. 37th annual conference of the Horticultural Society of Nigeria (HORTSON) holding in Owo, Ondo State, from 18th to 22nd of November, 2019. Presented papers: Effect of storage on the physical properties of pumpkin fruits (*Cucurbita pepo* Linn.) and Effects of organic manures on the proximate and mineral contents of two morphotypes of Nigerian pumpkin.
- xxi. International Symposium on Sustainable Development organised by Global Affairs and Sustainable Development Institute (GASDI) held at Osun State University, Osogbo, Nigeria, from 25th to 27th, June, 2019.

- xxii. Advanced Digital Awareness Programme for Tertiary Institutions for the Academic staff members organized by the Nigerian Communication Commission held at Osun State University, main Campus, Osogbo from 13th to 17th August, 2018.
- xxiii. 7th annual conference of Family & Consumer Sciences Society of Nigeria at Obafemi Awolowo University, Ile-Ife from 5th to 8th of November, 2018. Presented paper: Bioavailability of Antioxidants in Pumpkin (*Cucurbita pepo* L.) Plant Parts.
- xxiv. 6th National conference/exhibition & annual general meeting of Nigerian women in Agricultural research for development (NIWARD) held at the University of Africa, Toru-Orua, (UAT) from 14th to 16th of August, 2018. Presented paper: Food Value of Nigerian Morphotypes of Watermelon (*Citrullus lanatus* L.) Fruits.
- xxv. Training workshop on optimizing fertilizer recommendation in Africa (OFRA). Held in Amadu Bello University, Zaria, Kaduna-State, Nigeria from 24th to 26th of May, 2016.
- xxvi. Capacity building workshop for young (early-career) women academics in Nigeria organized by Nigerian Young Academy. Held at the University of Lagos (UNILAG), Lagos from 15th to 16th of June, 2016. Presented paper: Popularizing the Domestic Use and Exploring the Industrial Potential of Nigerian Pumpkins (*Cucurbita pepo* L.)
- xxvii. 2nd International Conference and Exhibition of Organization for Women in Science for the Developing World (OWSD). Held in Federal University of Technology, Akure, Nigeria, from 1st – 4th November, 2015. Presented paper: Role of the underutilized crops in food security: Nigerian pumpkin a prototype.
- xxviii. Humboldt international conference. Held in Osun-State University, main campus from 3rd-5th August, 2015. Presented paper: Exploring the Industrial Potential of Pumpkin (*Cucurbita pepo* L.)
- xxix. Agroecology for Africa (AFA 2014). Held in Antananarivo, Madagascar from 3rd to 7th November, 2014. Presented paper: Planting date and cultivar effects on the yield and nutrient composition of pumpkin.
- xxx. Humboldt Colloquium 2014. The power of excellence in Science- Enhancing Academia capacities in Africa. Held in Nairobi, Kenya, 6th to 8th March, 2014. Presented paper- Pumpkin: A Crop to meet multifaceted challenges faced with the African Continent.
- xxxi. Science Forum 2013, Nutrition and Health Outcomes: Targets for Agricultural Research. Held at Bonn, Germany from 23rd – 25th Presented paper- September, 2013. Knowledge Share Fair title: Antioxidants in Pumpkin plant parts as influenced by Agronomic practices.
- xxxii. Making the connection: Value chains for transforming smallholder Agriculture. Held at United Nations Conference Centre, Addis Ababa, Ethiopia from 6th – 9th November, 2012.
- xxxiii. 21st Annual Conference: Plants; Conserve to use, Use to Conserve. Held at Obafemi Awolowo University, Ile-Ife, Nigeria from 3rd – 7th June, 2012.
- xxxiv. Afrofoods sub-regional coordinators meeting and workshop on food composition, dietary diversity and food security in Africa. Held at Rockview Royale Hotel, Abuja, Nigeria from 8th – 11th September, 2011. Presented paper: The Role of Nigerian Underutilized Grain Legumes in Alleviating Protein Deficiency.
- xxxv. International Graduate Course on the Production and use of Food Composition Data in Nutrition, 15-26 November 2010, Pretoria, South Africa.

- xxxvi. Separation Techniques and NMR Spectroscopy in Analysis and Natural Product Chemistry, 28-30, 2010, Obafemi Awolowo University, Ile-Ife, Nigeria.
- xxxvii. Humboldt International Conference: Agricultural Productivity and Food Security Problems in Africa: Prospects and Challenges. Held at the Federal University of Technology, Akure. June 7-9, 2010. Presented papers: 1.) Effects of Planting Date and NPK fertilizer on the yield and food value of pumpkin (*Cucurbita pepo* Linn.) fruit. 2.) Growth, Yield and Antioxidant content of Pumpkin leaf (*Cucurbita pepo* L.) as affected by different levels of NPK fertilizer.
- xxxviii. Humboldt Conference: Nutritional and Environmental Issues in Developing Countries: Scientific, Health and Social dimensions. The Nigerian Situation. Held at the Conference Centre, Obafemi Awolowo University, Ile-Ife. August 3-7, 2008.

WORK EXPERIENCE WITH DATES:

- **Teaching:** J.S.S. Bara, Bauchi State, Nigeria (NYSC). 2000 – 2001
- **Lecturing:** Abubakar Tatari Ali Polytechnic, Bauchi. 2001 – 2002
- **Teaching Assistant:** Centre for Industrial Research and Development, Obafemi Awolowo University. 2008 to 2010
- **Agricultural Officer:** Osun State Government, Nigeria. 2004 to 2014
- **Teaching & Research:** Osun State University, Nigeria. 2014 to date

THESES/DISSERTATIONS:

- Ogundijo F.M. (2000). Phenology of selected ornamental plants. An unpublished B.Sc. Dissertation submitted to the Department of Botany, Obafemi Awolowo University, Ile-Ife, Nigeria.
- Oloyede F.M. (2005). Effect of Phosphorus fertilizer on the Agronomic performance and Nutritional composition of snake tomato (*Trichosanthes cucumerina* Linn.). An unpublished M.Sc. Thesis submitted to the Department of Plant Science, Obafemi Awolowo University, Ile-Ife, Nigeria.
- Oloyede F.M. (2011). Agronomic traits and Nutritional values of pumpkin (*Cucurbita pepo* Linn.) as influenced by NPK fertilizer. An unpublished Ph.D. Thesis submitted to the Department of Plant Science, Obafemi Awolowo University, Ile-Ife, Nigeria.

ACADEMIC PUBLICATIONS:

- i. **Oloyede, F. M.** and O.C. Adebooye (2005). Effect of season on growth, fruit yield and nutrient profile of two landraces of *Trichosanthes cucumerina* L. *African Journal of Biotechnology*, Kenya 4(6): 1040-1044.
- ii. Adebooye, O. C., **F. M. Oloyede**, J.T. Opabode and O.O. Onagoruwa (2005). Fruit characteristics and nutrient composition of three Nigerian landrace morphotypes of snake tomato (*Trichosanthes cucumerina* L.) *Journal of Vegetable Science* (Taylor and Francis) 11(4): 5-16.
DOI: [10.1300/J484v11n04_02](https://doi.org/10.1300/J484v11n04_02).
- iii. Adebooye O. C. and **F. M. Oloyede** (2006). Effect of phosphorus on the fruit yield and food value of two landraces of *Trichosanthes cucumerina* L. 1264. *Food Chemistry* (Elsevier, UK) 100(3): 1259-1264,

- iv. **Oloyede, F. M.**, Illoh H.C. and Oloyede F.A. (2007). Taxonomical studies of selected ornamental plants. *Ife Journal of Science*, 9(2): 167-171.
- v. Adebooye O.C. and **Oloyede F. M.** (2008). The Food situation in Nigeria: Issues, Perspectives and Lessons for developing countries. In Food, Health and Environmental Issues in Developing Countries: The Nigerian Situation. Published by the *Cuvillier Publishers*, Gottingen, Germany. Pp 20-28.
- vi. Oloyede F. A., Alafe B. O. and **Oloyede F. M.** (2008). Nutrient Evaluation of *Nephrolepis biserrate* (Nephrolepidaceae, Pteridophyta). *Botanica lithuanica* 14(4): 207-210.
- vii. Oloyede F. A., **Oloyede F. M.**, Saliu T.L. and Ogunwole A.A. (2010). Chemical Composition of a Tropical Fern *Ceratopteris cornuta* (Parkeriaceae, Pteridophyta) in Nigeria. *Acta Botanica Hungarica* 52(1-2):145-150.
- viii. **Oloyede F. M.**, Oloyede F. A., Obuotor E.M. and Ibironke S.I. (2011). Antioxidant Activities and Food Value of Five Underutilized Green Leafy Vegetables in South Western Nigeria. *Nigerian Journal of Nutritional Sciences*, 32 (1): 13-18.
- ix. **Oloyede, F. M.**, I. O. Obisesan, G. O. Agbaje, and E. M. Obuotor (2012). Effect of NPK Fertilizer on Chemical Composition of Pumpkin (*Cucurbita pepo* Linn.) Seeds. *The Scientific World Journal*, Vol. 2012, doi:10.1100/2012, Article ID 808196, 6pages.
- x. **Oloyede, F. M.**, G. O. Agbaje, E. M. Obuotor and I. O. Obisesan, and (2012). Nutritional and antioxidant profiles of pumpkin (*Cucurbita pepo* Linn.) immature and mature fruits as influenced by NPK fertilizer. *Food Chemistry* (Elsevier, UK) 135: 460-463.
- xi. **Oloyede F. M.** (2012). Growth, Yield and Antioxidant profile of pumpkin (*Cucurbita pepo* Linn.) leafy vegetable as affected by NPK Compound Fertilizer. *Journal of Soil Science and Plant Nutrition* (JSSPN-165-011-Online, 2012), pp379-388.
- xii. Agbaje, G. O., **F. M. Oloyede** and I. O. Obisesan (2012). Effects of NPK fertilizer and season on the flowering and sex expression of pumpkin (*Cucurbita pepo* Linn.). *International Journal of Agricultural Science* (ISSN: 2167-0447, vol. 2(11), pp. 291-295).
- xiii. **Oloyede F.M.** and Adebooye O.C. (2012). Effect of planting date on the yield and proximate composition of pumpkin (*Cucurbita pepo* Linn.) fruit. *British Journal of Applied Science & Technology*. 3(1): 174-181.
- xiv. **Oloyede F.M.**, Agbaje G.O. and Obisesan I.O. (2013). Effect of NPK Fertilizer on fruit development of pumpkin (*Cucurbita pepo* Linn.). *American Journal of Experimental Agriculture*. 3(2): 403-411.
- xv. **Oloyede F.M.**, Agbaje G.O. and Obisesan I.O. (2013). Effect of NPK Fertilizer on fruit yield and components of pumpkin (*Cucurbita pepo* Linn.). *African Journal of Food, Agriculture, Nutrition and Development*. 13(3):7755-7771.

- xvi. **Oloyede, F. M.,** G. O. Agbaje and I. O. Obisesan (2013). Analysis of pumpkin (*Cucurbita pepo* Linn.) biomass yield and its components as affected by NPK fertilizer rates. *African Journal of Agricultural Research*. 8(37):4686-4692.
- xvii. **Oloyede, F. M.,** O. C. Adebooye and E. M. Obuotor (2014). Planting Date and Fertilizer Affect Antioxidants in Pumpkin Fruit. *Scientia Horticulturae* (Elsevier), 168: 46-50.
- xviii. **Oloyede, F. M.,** E. M. Obuotor and F.A. Oloyede (2014). Effect of Processing on Chemical Composition of *Struchium sparganophora* (Linn.) Ktze. *Scholars Journal of Agriculture and Veterinary Sciences*. 1(1):33-37.
- xix. **Oloyede, F. M.** and F.A. Oloyede (2014). The Antioxidant and Food Value of *Chrysophyllum albidum* G. Don. *Scholars Journal of Agriculture and Veterinary Sciences*. 1(1):1-5.
- xx. **Oloyede F. M.** (2014). African Orphan Crops and Climate Change: Effects of sowing date and cultivar on the agronomic performance of pumpkin (*Cucurbita pepo* L.) fruit. Agroecology for Africa (AFA 2014). Held in Antananarivo, Madagascar from 3rd to 7th November, 2014. www.cirad.mg/conference/AFA-2014.
- xxi. **Oloyede, F. M.,** O.C. Adebooye and G. O. Agbaje (2015). Fertilizer, Crop Yield and Bioactive Compounds In Shishir S., Pant K.K. and Bajpai S. Fertilizer Technology Vol.1.Studium Press LLC. Pg 42-58.
- xxii. **Oloyede F.M.** (2017). Proximate content and antioxidant profile of pumpkin (*Cucurbita pepo* L.) leafy vegetable as influenced by NPK fertilizer. *American Journal of Food Science and Nutrition*. 4(5): 59-65
- xxiii. **Oloyede F.M.,** Akindele, S.O. and Idris-Adeniyi K. M. (2018). Food Value of Nigerian Morphotypes of Watermelon (*Citrullus lanatus* L.) Fruits. Nigerian women in Agricultural Research for Development (NIWARD) 2018 Conference proceedings pp 32 – 47. <https://niwardconference.blogspot.com/>
- xxiv. **Oloyede F.M.,** Y.A. Adediwura and F.E. Babatunde (2018). Effects of organic manures on the proximate and mineral contents of two morphotypes of Nigerian pumpkin. *UNIOSUN Journal of Agriculture and Renewable Resources* (UJARR). Vol. 2, pg. 20-26.
- xxv. **Oloyede F. M.** and Ogunsina A. G. (2019). Effect of storage on the physical properties of pumpkin fruits (*Cucurbita pepo* Linn.). Proceeding of the 37th annual conference of Horticultural Society of Nigeria (HORTSON), pg. 671-676.
- xxvi. **Oloyede F. M.** and Oyelade A. D. (2019) Effects of organic manure on the yield and antioxidant properties of Nigerian pumpkin morphotypes. 5th West African Organic Agriculture Conference proceeding. Pg. 87-94.
- xxvii. **Oloyede F. M.** and Dada C. (2020). Effect of Organic and Inorganic Fertilizers on the Agronomic Performance and Proximate Content of Amaranth (*Amaranthus cruentus* L.) in Osun State Nigeria. *African Journal of Organic Agriculture and Ecology* (AJOAE). Vol.3, pp 10-16.

- xxviii. **Oloyede F.M. (2021).** Exploring the Industrial Potential of the Nigerian Pumpkins (*Cucurbita pepo* L.) in Food Security and Safety: African Perspectives. O. O. Babalola (ed.). *Springer Nature Switzerland AG*. Pages 169-178. https://doi.org/10.1007/978-3-030-50672-8_9
- xxix. **Oloyede F.M.** and Oyelade A.D. (2022). Influence of organic nutrient sources on fruit yield and antioxidant properties of Nigerian pumpkin (*Cucurbita pepo* L.) morphotypes. *Agro-Science Journal of Tropical Agriculture, Food, Environment and Extension*. 21(2):143-146.
- xxx. **Oloyede F.M.,** Bakare A. A. and Daramola G.G. (2022). Comparative studies of Antioxidants and Amino-Acids Concentrations in the Fruits of two Cultivars of Watermelon (*Citrullus lanatus* L.). *Notulae Scientia Biologicae* (NSB). Vol. 14, Issue 2, Article No11262. DOI:10.15835/nsb14211262.
- xxxi. **Oloyede F. M.,** D. S. Ola, Emmanuel A. Iwalewa (2023). The biodiversity conservation of Neglected and Underutilized Nigerian Horticultural Crops. *Acta Horticulturae et Regiotecture* 26(1):64-72. DOI: [10.2478/ahr-2023-0010](https://doi.org/10.2478/ahr-2023-0010).
- xxxii. **Oloyede F. M.** and Adedire A.O. (2023). Orphan crops: Sourcing alternative poultry feed from Nigerian pumpkin (*Cucurbita pepo* L.). *Nigerian Journal of Horticultural Science*. 27 (1): 93-99
- xxxiii. **Oloyede Funmilayo M.** and Ayomide G. Ogunsina (2023). The influences of storage period and morphotypes on the proximate and selected vitamins of pumpkin (*Cucurbita pepo* L.) fruits. *Notulae Scientia Biologicae* (NSB). Vol. 15, Issue 3, Article No11441. DOI:10.15835/nsb15311441.
- xxxiv. **Oloyede F. M.,** Akingbade A.O. and Daramola G.G. (2023) Proximate and amino acid compositions of tamarillo *solanum betaceum* L.) as affected by organic manures. Proceedings of the 1st African Organic Research Conference published by Network of Organic Agriculture Researchers in Africa (NOARA) page 189-198.
- xxxv. **Oloyede F. M.** and Odetunde E. F. (2023) Cultivation methods affect lycopene, vitamins A and C concentrations in tomato (*Solanum lycopersicum* L.) fruits. *African Journal of Organic Agriculture and Ecology* (AJOAE) published by the Network of Organic Agriculture Researchers in Africa (NOARA) Vol 6. pp 66-71
- xxxvi. **Oloyede F. M.** and Odetunde E. F. (2023) Yield and nutrient composition of tomato “roma vf” (*Solanum lycopersicum* L.) as influenced by direct sowing and transplanting. published in the Proceeding of the Osun State University, College of Agriculture Conference, pp 13-18.
- xxxvii. **Oloyede F. M.,** Osundina, E. T. and Daramola G.G. (2023). Effect of soil amendments on nutritional and biochemical properties of snake tomato (*Trichosanthes cucumerina* L.) fruits. *Nigerian Journal of Horticultural Science* (NJHS), Vol. 27(4): 81-87
- xxxviii. **Oloyede Funmilayo M.,** Adegbite Victoria M., Daramola Gbenga G (2024). Comparative studies of vegetative growth and nutritional properties of two basil (*Ocimum gratissimum* L. and *Ocimum basilicum* L.). *Agriculture, Food and Natural Resources Journal*, (3)2. DOI: 10.5281/Zenodo. 14397454.

- xxxix. **Oloyede Funmilayo M.**, Owolabi Aanuoluwapo A., Akinloye Akinniyi O., Odetunde Emmanuel F., Alade Tawakalitu I (2024). Agricultural biodiversity and human health nexus: A review. *Agriculture, Food and Natural Resources Journal*, (3)2. DOI: 10.5281/Zenodo. 14413345.
- xl. Aanuoluwapo AYOBAMI OWOLABI and **Funmilayo MARY OLOYEDE** (2024). Climate change impact on the quality of vegetable crops and potential for adaptation. Published in the Proceedings of the XV International Agriculture Symposium "AGROSYM 2024", Bosnia and Herzegovina page 960-973.
- xli. **Oloyede F. M.**, Alade T. I., Daramola G. G. and Abdurashheed H. (2025). Effect of Cultivar and Agroecological Zones on Growth Parameters and Proximate Composition of Sesame. *Khwopa Journal*, 7(2): 28-47. DOI: <https://doi.org/10.3126/kjour.v7i2.86860>.
- xl.ii. **Oloyede, F. M.**, Taiwo, D. I., and Alade, T. I. (2025). The Effects of Processing and Varieties on Vitamins and Antioxidants of Sesame (*Sesamum indicum* L.). *Nigerian Journal of Post-Harvest Research*, 3(4), 32-38. <https://www.njphr.nspri.gov.ng/volumes/3/issue/4/>
- xl.iii. **Oloyede, F. M.**, Adelakun,, O., Adegbite,, V. (2025). Comparative Studies of Phytochemical and Fatty Acid Compositions in Two Nigerian Basils (*Ocimum basilicum* L. And *Ocimum gratissimum* L.). *Nigerian Journal of Science and Environment*. 23(3) 190-198. <https://doi.org/10.61448/njse2332514>
- xl.iv. **Oloyede Funmilayo M.**, Adelakun, O.A., Adegbite Victoria M., Daramola Gbenga G (2025). Nitrogen-Rich Organic Nutrient Source Concentrations Affect the Phytochemicals and Fatty Acid Compositions of Basil (*Ocimum Species*). *University of Benin, Journal of Science, Technology and Innovation*, (13)1- <https://ubjsti.org/articles/69dbcadac4914d4134a2459b>.
- xl.v. Tope G. Atere, **Funmilayo M. Oloyede**, Olorunfemi S. Tokunbo1, Opeyemi S. Osuntokun, Olayemi O. Oladokun, Adedamola A. Bayo-Olugbami, Opeyemi S. Adeleke, Kabiru I. Adedokun, Muideen T. Arogundade, John O. Fatoki (2025). *Spondias mombin* L. Fruit Pulp Prevents D-Galactose-Induced Cognitive Deficits, Oxidative Stress and Neurodegeneration in Wistar Rats' Prefrontal Cortex. *Nigerian Journal of Neuroscience*, 16(2):45-52. <https://doi.org/10.47081/njn2025.16.2/002>.
- xl.vi. Oloyede, F. M. and Olatunji, A. (2026). Antioxidant Profile of Nigerian Morphotypes of Watermelon (*Citrullus lanatus* L.). *Nigerian Journal of Horticultural Science*. Vol. 30 (1): 59-71. <https://doi.org/10.82552/njhs.v30i1.59-71>
- xl.vii. **Oloyede, F. M.**, Taiwo, D. I., and Alade, T. I. (2026). Cultivar Selection Effects on the Yield and Nutritional Compositions of Sesame (*Sesamum indicum* L.)” *Acta Horticulturae et Regiotecture*, 29(1), 1-8. <https://doi.org/10.2478/ahr-2026-0001>
- xl.viii. **Oloyede F.M.**, Adegbite V.M., Daramola G.G. (2026). Foliar application of organic liquid nutrient affects selected vitamins and antioxidants in two basils (*Ocimum gratissimum* L. and *Ocimum*

basilicum L.). *ChemClass Journal*, 10(2), 9–13.
DOI:10.33003/chemclass-2026-1002/02.
<https://chemclassjournal.com.ng/index.php/ccj>

- xlix. **Oloyede F.M.**, Taiwo D.I., Daramola G.G. (2026). Effects of processing methods on fatty acid composition of three sesame (*Sesamum indicum* L.) cultivars. *ChemClass Journal*, 10(2), 39–44. DOI: 10.33003/chemclass-2026-1002/07.
<https://chemclassjournal.com.ng/index.php/ccj>
- i. **Oloyede, F.M.**, Taiwo, D.I. and Daramola, G.G. (2026). Proximate And Amino Acids Compositions of three Selected Varieties of Sesame (*Sesamum indicum* L.) Flour as Influenced by Cultivar and Processing Methods. *Nigerian Journal of Science and Environment* 24(2), 22–26.
<https://www.njse.org.ng>.
- ii. **Oloyede, F.M.**, Adelakun, O.A. and Adegbite, V.M. (2026). Effects of Plant Regrowth on the Nutritional Compositions of African Basil (*Ocimum gratissimum* L.). *Nigerian Journal of Science and Environment*, 24(2), 48–55
<https://www.njse.org.ng>

COURSES TAUGHT DURING THE CONCLUDED ACADEMIC SESSION

Undergraduate

AGN 201: Principle of Agronomy
AGN 205: Introduction to Taxonomy, Anatomy and Physiology of Plants
AGN 302: Agronomy of Permanent Crops
AGN 403: Production and Management of Fruits and Leafy Vegetables
AGN 516: Preservation, Storage and Postharvest Physiology of Fruits & Vegetable
AGN 521: Floriculture and Landscape Horticulture

Postgraduate

AGN 702: Farming System
AGN 709: Microclimatology
AGN 723: Post harvest physiology and produce storage
AGN 763: Crop Taxonomy
AGN 777: Fundamental Ecology and Biodiversity Management
AGN 790: Crop Physiology and Biochemistry.

OTHER RESPONSIBILITIES/INTERESTS IN CURRICULAR AND EXTRACURRICULAR ACTIVITIES

- Acting Dean, Students Affairs, Office of the Vice-Chancellor, Osun State University August 2025 to date
- Deputy Director, Center for Entrepreneurship Studies, Office of the Vice-Chancellor, Osun State University August 2022 to July 2025.
- Deputy Director, Research and Innovation Management, office of the Vice-Chancellor, Osun State University August 2020 to July 2022.
- Member, UNIOSUN Journal of Science editorial board
- Osun State University COVID-19 Research Group Member
- Reviewer, *Scientia Horticulturae* published by Elsevier
- Reviewer, UNIOSUN Journal of Science
- Reviewer, UNIOSUN Journal of Agriculture and Renewable Resources
- Reviewer, *VEGETOS*, published by Springer Nature
- Reviewer, *Fruits Journal*, published by International Society for Horticultural Science (ISHS).