**CURRICULUM VITAE FOR UNIMED ACADEMIC STAFF**

1. **Personal Data:**
2. Full Name (Surname first): Akinkunmi Olukemi Yetunde
3. Date of Birth: 12th January 1974
4. Details of Contact Addreess:
   1. E-mail Address(es):yakinkunmi@unimed.edu.ng
   2. Mobile Phone Number(s):08024277846, 07033598208
5. Nationality: Nigeria
6. State of Origin: Ondo
7. Local Government Area: Ondo West
8. Permanent Home Address: Flat 7A Doctors’ Quarters, University of Medical Sciences,

Laje road, Ondo

1. Marital Status: Married
2. Number of Children and their Ages: Three(3): 21 years, 19 years and 14 years
3. Next of Kin: Dr. Bola Francis Akinkunmi
4. Details of Contact Address of Next of Kin:
   1. E-mail Address(es):bakinkunmi@unimed.edu.ng
   2. Mobile Phone Number(s):08032068240, 0808336769
5. Permanent Home Address: Flat 7A Doctors’ Quarters, University of Medical Sciences,

Laje road, Ondo

1. Date of Assumption of Duty: 4th June, 2025
2. Rank/Status of First Appointment: L1
3. Present Status: L1
4. Date of Last Promotion:
5. Present Salary, Grade Level and Step:
6. Date of Confirmation of Appointment:
7. Faculty/Directorate: Sciences
8. Department/Unit: Bioscience and Biotechnology
9. **Educational Background:**
10. Higher Educational Institutions Attended with Dates: Federal University of Agriculture, Abeokuta (2012 – 2020)

University of Ibadan (2002 – 2004)

Obafemi Awolowo University (1992 – 1999)

1. Academic/Professional Qualifications and Distinctions Obtained with Dates

Ph.D (Entomology) 2020

M.Sc (Crop Protection) 2004

B. Agric 1999

1. Other Distinctions and Awards with Dates:
2. Best Project Student Department of Plant Science, Obafemi Awolowo University, Ile- Ife (1999)
3. **Work Experience with Dates:**
4. Previous Work Experience outside the University System with Dates;

Research Scientist at National Horticultural Research Institute, Ibadan (2009 – 2025)

Agric and Basic Science Teacher at God’s Blesssing Secondary School, Ibadan (2007 -2009)

1. Previous Work Experience in other University; Nil
2. Work Experience in University of Medical Sciences: Teaching
3. Courses taught within the Current Academic Session: PHM 823 Herbal Material Medica
4. Graduate Student Supervision within Current Session: Nil
5. Current Undergraduate Supervision: Nil
6. **Membership of Professional Bodies:**

Entomological Society of Nigeria (ESN),

Nigeria Society for Plant Protection (NSPP),

Pesticidal Plants Society (PePS) of Nigeria,

Horticultural Society of Nigeria (HORTSON),

Nigeria Women In Agricultural Research and Development (NIWARD) and Organisation for Women in Science for developing World (OWSD).

1. **Publications with Dates:**
2. Thesis/Dissertation:

Aina, Olukemi Yetunde (1999).

Inheritance of Qualitative Traits in Cowpea (Vigna unguiculata) (L.) Walp). A dissertation submitted in partial fulfillment for the award of Bachelor of Agriculture in Plant Science. Department of Plant Science, Obafemi Awolowo University Ile-Ife, Osun State. Nigeria.

2. Aina, Olukemi Yetunde (2004).

Effectiveness of essential oils of Cedrela Mexicana and Dennettia tripetala as protectants of stored cowpea seeds against damage by Callosobrochus maculatus Fab. Thesis submitted in partial fulfillment for the award of Masters of Science (Crop Protection). Department of Crop Protection, University of Ibadan, Nigeria.

1. **Published Journals Articles:**
2. Adebayo, A. G., **Akinkunmi, O. Y** and Pitan, O. R (2024). Influence of Compost and NPK fertilizers on some Agronomic Characteristics and Insect Infestation levels on Cucumber. International Journal of Applied Agriculture and Apiculture Research 18 (2): 220 - 232.
3. Igberaese, P. O., **Akinkunmi, O. Y**., Okoyo, M. E. and Shokalu A. O. (2024). Chemical Composition, Insecticidal and Repellent activities of *Eucalyptus globulus* and *Cymbopogun citratus* Essential Oils against Flea Beetle (Podagrica uniforma). Nigerian Journal of Horticultural Science 28 (1): 87 – 94. ISSN 1118-2733
4. **Akinkunmi, O. Y**., Igberaese, P. O., Okoyo, M. E., Arogundade, O., Akintoye, H. A. and James, I. E (2023). Efficacy of *Chromolaena odorata* (L.) leaf and *Citrus sinensis* (L.) Osbeck rind extracts in the management of pepper insect pests. Nigerian Journal of Plant Protection. 37(1): 84 – 96.
5. Shokalu A. O., Olatunji M.T., Adebayo A.G, **Akinkunmi O. Y**. and H. A. Akintoye (2023). Evaluation of Growth and Yield of three Okra (*Abelmoschus esculentus*) varieties. Nigerian Journal of Horticultural Science 27 (4). 88 – 93. ISSN 1118-2733
6. Anyaoha, C.O., Arogundade, O., **Akinkunmi, O.Y**., Okoyo, M. E and Ikoro, J. I (2023). Agro-morphological characterization of Okra (*Abelmoschus* species) for biotic stress and yield contributing traits under rainfed conditions in South Western Nigeria. Plant Physiol. Rep. <https://doi.org/10.1007/s40502-023-00716-w>
7. **Akinkunmi, O.Y.,** Pitan, O. R and Osipitan, A.A (2022). Bio-Efficacy of N-Hexane, Methanol and Aqueous extracts of some indigenous plants in the management of Melon lady beetle (*Epilachna chrysomelina*) Fabricius (Coleoptera: Coccinellidae). Nigerian Journal of Plant Protection. Vol. (36): 1: 54 – 67.
8. **Akinkunmi, O. Y**. and AdeOluwa, O. O. (2022). Intercropping Marigold (Tagetes Erecta) at different times with cucumber (*Cucumis sativum*) to suppress major insect pests of cucumber in Ibadan, South-Western Nigeria. Nigerian Journal of Horticultural Science 26 (3): 111- 116. ISSN 1118-2733
9. **Akinkunmi, O. Y** and Pitan, O. R (2021). Aspects of the biology and morphometrics of the life stages of *Epilachna chrysomelina* Fabricius (Coleoptera: Coccinellidae). Nigerian Journal of Entomology 37: 1 - 10. DOI.10.36108/NJE/1202/73.0110
10. Olubusola Temitope Adeoye, Olufemi Richard Pitan, Kehinde Olutoyin Ademolu, Akinola Rasheed Popoola, Bridget Bobadoye and **Akinkunmi Olukemi Yetunde** (2021). Morphological variations in Nigerian *Apis mellifera Linnaeus*, 1758 populations in Guinea savannah agro-ecological zone. Polish Journal of Entomology 90(4): 223–235.
11. **Olukemi Yetunde Akinkunmi**, Olufemi Richard Pitan, Adebola Adedoyin Osipitan and Kehinde Olutoyin Ademolu (2021). Growth inhibition in cucumber (*Cucumis sativus* L.) induced by *Epilachna chrysomelina* fabricius (Coleoptera: Coccinellidae). Archives of Phytopathology and Plant Protection. <https://doi.org/10.1080/03235408.2021.1968270>.
12. **Akinkunmi, O.Y**., Pitan, O.R., and Adeoye, O.T. (2021). Assessment of fruit yield loss in cucumber due to leaf feeding by *Epilachna chrysomelina* (Fabricius) (Coleoptera: Coccinellidae). Ethiopian Journal of Environmental Studies and Management 14(3): 380 – 389.
13. **Akinkunmi, Olukemi Yetunde**, Pitan Olufemi Richard, Ademolu, Kehinde Olutoyin and Osipitan, Adebola Adedoyin (2021). Digestive enzyme activity in the guts of *Epilachna chrysomelina* (Fabricius) (Coleoptera:Coccinellidae) during post-embryonic development. Annals of Tropical Research 43(1):80-87.
14. **Akinkunmi,** **Olukemi Yetunde**, Aina, Oluwaseun Oladapo and Layade, Adejumo Abiona (2021). Preliminary study on consumption of edible insects among Government workers in Ibadan Metropolis, Oyo State, Nigeria. International Journal of Multidisciplinary Sciences and Advanced Technology. 2(4): 28–32.
15. **Akinkunmi, O.Y** and Umeh, V.C. (2020). Studies on the ovipositional preference of Fruit Fly (*Bactrocera Dorsalis* (Diptera: Tephritidae) for different host fruits. Nigerian Journal of Horticultural Science. 25(1): 58-62. ISSN 1118-2733.
16. Adeoye, O.T., Pitan, O.R., **Akinkunmi, O.Y**. and Akinyemi, O.D. (2020). Synergistic Interactions between Honeybee *Apis mellifera* L. and Flower Colour of Sunflower in response to NPK Fertilizer application. Ethiopian Journal of Environmental Studies and Management 13(4): 495 – 508.
17. Olajide-Taiwo, F.B, Effi, M, Fajinmi, O.B., Popoola, F.O, **Akinkunmi, O.Y**., Adeniyi, H.A and Olajide-Taiwo, L.O (2018). Challenges in home garden in communities around National Horticultural Research Institute (NIHORT) Stations in Nigeria. Nigeria Journal of Horticultural Science. 23: 120 -125.
18. Olusola O. AdeOluwa, **Olukemi Y. Akinkunmi** and Henry A. Akintoye (2017). Growth and flowering of flamingo flower on selected growth media. Journal of Applied Horticulture. 19(1): 46 – 50.
19. Olusola Oluyinka, AdeOluwa, **Olukemi Yetunde, Akinkunmi**, Henry Akinwumi Akintoye and Adekemi Olubukola, Shokalu (2014). Rooting, growth and sustainability of yellow-ficus (*Ficus retusa’Nitida*) as affected by growth media under nursery conditions. International Journal of Biological and Chemical Sciences. 8(5): 2071-2080.
20. Olusola O. AdeOluwa, **Olukemi Y. Akinkunmi** and Henry A. Akintoye. (2013). Effect of different growth media on the growth and flowering of beefsteak begonia (*Begonia erythrophylla*). Journal of Applied Horticulture. 15(1): 57-61.
21. Henry A. Akintoye, **Olukemi Y. Akinkunmi** and Olusola O. AdeOluwa. (2013). Influence of media on establishment and growth of *Chrysanthemum morifolii*. Nigerian Journal of Horticultural Science. ISSN 1118- 2733 17:146-156.
22. **Akinkunmi, O.Y**., Akintoye, H.A., Umeh, V.C. and AdeOluwa, O.O. (2012). Influence of Spacing on the feeding activities of major pests of Sunflower and their associated damage. Agriculture and Biology Journal of North America. 3(6): 233-236.
23. Akinkunmi, O.Y., Arogundade, O and Fajinmi, O.B. (2011). Effect of Botanicals and synthetic insecticides on insect pests and diseases of Marigold. Continental Journal of Agronomy. 5(1):35-39.
24. Omoloye, A.A., **Aina, Olukemi Y**., Moody, J.O., Joda, A.O and Tobih, F.O. (2006). Biological activity of Essential Oils of *Cedrela mexicana* (Meliaceae) and *Dennetta tripetala* (Anonaceae) as protectant of stored cowpea seeds against *Callosobruchus maculatus* Fabricius. Journal of Tropical Forest Research. Vol. (23): 1-10.

**CONFERENCES PAPERS**

1. **Akinkunmi, O.Y**, AdeOluwa, O. O., Shokalu, A. O, Olatunji, M. T., Adebayo, A. G, Akintoye, H. A and Sadiq, O. F (2024). Seasonal abundance of insect pests on four ornamental palms in Ibadan, South West Nigeria. Proceedings of 42nd Annual Conference of HORTSON, Zazzau, Zaria. November 10 – 15 (In Press).
2. **O.Y. Akinkunmi**, H.A. Akintoye, A.O. Shokalu, M.T. Olatunji and A.G. Adebayo (2023). Evaluation of amaranth lines for insect pest incidence and severity under field conditions in Ibadan, South Western Nigeria. Acta Hortic. 1378. ISHS. DOI 10.17660/Acta Hortic.2023.1378.48. Pp. 365 – 369. XXXI IHC – Proc. IS on Sustainable Control of Pests and Diseases.
3. Oladele, U. D., Shokalu, A.O., Akintoye, H.A., Adebayo, A.G., Olatunji, M.T., **Akinkunmi, O.Y.**, Adeoluwa, O.O., Okoyo, M.E., James, I., Igberaese, P. O., Fade-Aluko A.O and Adeoye, I. B (2023). Constraints in ornamental palms production in Lagos State, Nigeria. Proceedings of 41st Annual Conference of HORTSON, Ogbomoso. November 12 – 16. Pp. 1035 – 1039.
4. Shokalu A.O., Olatunji, M. T., AdeOluwa O.O, Sadiq O. F., **Akinkunmi, O. Y**., Adebayo A. G.,

and Akintoye H.A (2023). Effect of different growth media on germination and growth of Queen Palms. Proceedings of 41st Annual Conference of HORTSON, Ogbomoso. November 12 – 16. Pp. 553 – 556.

1. Sadiq O. F., Shokalu A.O., Olatunji, M. T., AdeOluwa O.O, **Akinkunmi, O. Y**., Okoyo M. E.,

Adebayo A. G., and Akintoye H.A (2023). Determination of the morphology and physiology of four ornamental palms seeds. Proceedings of 41st Annual Conference of Horticultural Society of Nigeria (HORTSON), pp. 21 – 23.

1. AdeOluwa, O. O., **Akinkunmi, O. Y**., Shokalu, A.O. and Akintoye, H.A (2023). Residual Effect of Organic Materials in the Propagation of Yellow Ficus. Proceedings of 41st Annual Conference of Horticultural Society of Nigeria (HORTSON), pp. 370 – 277.
2. **Akinkunmi, O.Y**, AdeOluwa, O.O, Adebayo, A.G., Shokalu, A.O , Olatunji, M.T and Akintoye, H.A (2023). Insect Spectrum on *Rosa* spp and their associated damage in Ibadan, South-West Nigeria. Proceedings of 41st Annual Conference of HORTSON, Ogbomoso. November 12 - 16, pp. 1268 – 1271.
3. **Akinkunmi, O.Y**, Akinkunmi, O. Y., Igberaese, P. O., Okoyo, M. E., Shokalu A. O, Olatunji, M. T and AdeOluwa, O. O (2023). Chemical composition and Insecticidal activities of the essential oils of *Cymbopogon citratus* (Lemon grass) and *Eucalyptus globulus* (eucalyptus) on *Podagrica uniforma* in the laboratory; in Proceedings of the 1st (Maiden) Annual Conference of the International Society of Pesticidal Plants Nigeria (ISPPNig).
4. **Akinkunmi, Olukemi Yetunde**, AdeOluwa, Olusola Oluyinka, Shokalu, Adekemi Olubukola and Olatunji, Mosunmola Tosin (2021). Efficacy of botanicals in the management of Cycad Aulacaspis Scale (*Aulacaspis yasumatsui*) on cycad plant (*Cycas revoluta*); in Proceedings of the 39th Annual Conference of Horticultural Society of Nigeria (HORTSON), pp. 364 - 368.
5. **Akinkunmi, O.Y**, Fajinmi, O.B., Olajide-Taiwo, L.O, Effi, M.O, Adeniyi, H.A and Popoola, F.O (2019). Management of pests and diseases of spice crops in home gardens in Nigeria; in Proceedings of the 37th Annual Conference of Horticultural Society of Nigeria (HORTSON), pp.1148-1151.
6. Effi, M. O., Olajide Taiwo,, F. B., Amao, I. O., Kenneth Obosi,O., Alabi, O. O., Fajinmi,O. B. and **Akinkunmi, O.Y** (2018). Assessment of Students’ Knowledge about Pests in School Gardens of National Horticultural Research Institute’s Adopted Schools in Oyo State. Proceedings of the 36th Annual Conference of Horticultural Society of Nigeria (Hortson), pp.803-808.
7. Akintoye, H. A., Layade, A. A., Aina, O. O., Adebayo, A. G., Shokalu, A. O., Olatunji, M. T., **Akinkunmi, O.Y**., Oyedeji, E. O., Igberaese, P. O., FadeAluko,, A. A., James, I. E. and Okoyo, M. E (2018). Profitability of Ornamental Plants Production in Southwest, Nigeria; in Proceedings of the 36th Annual Conference of Horticultural Society of Nigeria (Hortson), pp. 558 -563.
8. Olatunji M.T, Shokalu A.O., Akintoye H.A, **Akinkunmi O.Y** and Adebayo, A. G (2018). The Effect of Colchicine on Growth of *Begonia semperflorens*; in Proceedings of the 36th Annual Conference of Horticultural Society of Nigeria (Hortson), pp. 132 -137.
9. Fajinmi, O.B., OlajideTaiwo, F. B., **Akinkunmi, O.Y**., Popoola, F. O., Adeniyi , H. A., Effi, M. O., Olajide–Taiwo, L. O., and Nwanaka, C. E (2018). Management of Pests and Diseases of Fruit and Root Vegetables in Home Gardens in Nigeria; in Proceedings of the 36th Annual Conference of Horticultural Society of Nigeria (Hortson), Pp.674 -679.
10. **Akinkunmi, O.Y** and Umeh, V. C (2018). Host Preference of Bactrocera dorsalis (Hendel) (Diptera: Tephritidae) for Various Fruits in Ibadan South-Western Nigeria; in Proceedings of the 36th Annual Conference of Horticultural Society of Nigeria (Hortson), pp. 664 -668.
11. **Akinkunmi, O.Y**, Akintoye, H.A, Adeoluwa, O.O, Shokalu, A.O, Adebayo, A.G and Olatunji, M.T (2017). Insect pest incidence, abundance and damage on three local grass varieties in Ibadan, South-Western Nigeria, in Proceedings of the 35th Annual Conference of the Horticultural Society of Nigeria, pp.179 -182.
12. **Akinkunmi, O.Y**, Akintoye, H.A and Adeoluwa, O.O (2015). Influence of different nutrient application and crop varieties on insect population and yield of carrot (*Daucus carota* L.); in Proceedings of the 33rd Annual Conference of the Horticultural Society of Nigeria, pp. 360-363.
13. AdeOluwa, O.O., **Akinkunmi, O.Y**., Akintoye, H.A (2014). Response of Flamingo flower (*Anthurium andraenum* (Lind) On selected Growth Media; in Proceedings of the 32nd Annual Conference of the Horticultural Society of Nigeria, pp. 264 – 269.
14. AdeOluwa, O.O., **Akinkunmi, O.Y**., Akintoye, H.A., and Usman, N.M. (2011). Effects of Growth Media in the Propagation of Yellow Ficus (*Ficus retusa ‘Nitida’*); in Proceedings of the 29th Annual Conference of the Horticultural Society of Nigeria. 24th - 29th July, 2011. University of Agriculture, Markurdi Benue State, Nigeria. Pg 285 – 288.
15. Articles Accepted for Publication:
16. Manuscript Submitted for Publication:
17. Creative Work:
18. Technical Reports:
19. Paper and Work in progress:
20. **Professional Accomplishment:**

* Coordinate Staff and Programme activities as Head Floriculture Programme in NIHORT
* Focal Point Regional Innovative Fruit fly Control System (SyRIMAO) project
* Development of sustainable Integrated Pest Management Packages for insect pests of horticultural crops
* Participate in proposal development and project evaluation in NIHORT
* Research, planning and implementation of sustainable environmental friendly control measures in managing insect pest population
* Plan and conduct collaborative and multidisciplinary research on horticultural crops.
* Establishment and supervision of field trials on vegetables and ornamental plants
* Organise trainings and workshops for farmers, women group and young school leavers on good agricultural practices for fruits, vegetables and ornamental plants production
* Students’ Project supervision
* Training and teaching of students on Industrial attachment.
* Multi-locational evaluation of organic trials on vegetables and ornamental plants

1. **Conferences, Seminars and Workshops Attended with Dates:**

Workshop on CABI’s Invasive Species Compendium Nairobi, Kenya

15th – 19th December, 2014.

(b) On-The-Job Research Capacity Building for Sustainable Agriculture in Developing

Countries. Held in Porto-Novo Benin. November 6th – December 17th 2016.

(c) Integrated Pest Management by MASHAV, TEL AVIV Israel

March 19th - April 7th, 2017.

(d) Integrated Pests Management Waganingen Centre for Development

and Innovation (WCDI), Netherlands between 1st June – 22nd June, 2019.

(d) Research Proposal writing workshop at the National Horticultural Research

Institute, (NIHORT), Ibadan Nigeria. Oct 5th, 2021.

e) Training of trainers on the use of Fruit Fly control packages, organised by The Innovative Regional Fruit Fly Management System in West Africa (SyRIMAO) project in Bobo-Dioulasso, Burkina Faso (2022, 2023, 2024 and 2025)

f) Capacity training on the use of tools for assessing the biodiversity of fruit flies in surveillance orchards and the management of IPM pilot orchards held in Ouagadougou, Burkina Faso from March 20th – 25th, 2023.

g) Gender Mainstreaming in Horticultural Research: Enhancing inclusivity and Equity in Agricultural Innovation organized by the National Horticultural Research Institute, (NIHORT), Ibadan Nigeria. 9th October, 2024.

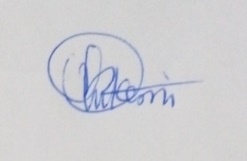
1. **Current Research Activities:**

• Insect Biology, Ecology and Biodiversity

• Bio-control (Use of Botanicals, parasitoids and entomopathogens) in insect pests management.

1. **Contributions to Knowledge:**

Development of effective and sustainable technologies for the management of invasive insect species in Nigeria.

 **14/08/25**

Signature: ……………………………………………. Date: ……………………………………..