

ABIODUN AKINPELU DENLOYE Ph.D, M.sc., B. Sc (Hons). FESN, FSEAN, FNIBSA

Professor

Highly accomplished and dedicated Professor of Zoology with a passion for pest Management, public health entomology and Biological Safety/security. Extensive expertise in Public Health Entomology, Biosecurity and Shipping of Biological Specimens. Proven track record of mentoring and inspiring students, colleagues and actively engaging in scientific conferences and publications. Conducted extensive research projects focused on understanding insects, pest management especially with the use of plant natural products. Taught undergraduate and graduate courses in zoology, environmental biology, entomology, pest management biosafety, biosecurity and Biorisk Management. Mentored and supervised students in their research projects, fostering critical thinking and research skills. Actively participated in scientific conferences, presenting research findings and engaging in discussions with peers.

Mission Statement

My mission is to advance knowledge and understanding of the natural world through insect studies, while promoting conservation and sustainable practices. Through research, teaching, and community engagement, I strive to inspire the next generation of scientists and environmental stewards. My research focuses on studying safety, insect control strategies, ecology, and conservation biology. By conducting cutting edge scientific investigations, I aim to contribute to the global understanding of biodiversity, biosafety, biosecurity and the factors that promote their understanding through design and development of fitting curricula.

- LinkedIn: <https://shorturl.at/luvER>
- Availability: Due Notice
- Biosafety/Biosecurity: | Medical Entomology

- Mail: denloye.aa@lasustech.edu.ng
- Line: (+234) 08033205593
- Location: Lagos, Nigeria
- Marital Status: Married

SKILLS

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| <ul style="list-style-type: none">• Educational Consulting & Advisory• Literacy & Mental Development• Project Management• Policy Integration & Innovation• Pest Control & Management | <ul style="list-style-type: none">• Insect collection and identification.• Nature & Wildlife• Biorisk Assessment & Biosecurity | <ul style="list-style-type: none">• Microsoft Office• Database Management• Biodata Management• Animal and Insect management |
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EDUCATIONAL DEGREES

- University of Lagos, Akoka Yaba Lagos: Ph.D – Zoology | Applied Entomology & Pest Management: 2008
- University of Lagos, Akoka Yaba Lagos M.sc – Zoology | Entomology: 1990
- Lagos State University: B.sc – Zoology (Hons): 1988

MEMBERSHIPS & CERTIFICATIONS

- International Federation for Biosafety Associations IFBA Professional Certification in Biosecurity: International Federation for Biosafety Associations IFBA: 2018
- International Federation for Biosafety Associations IFBA Professional Certification in Bio risk Management: International Federation for Biosafety Associations IFBA: 2016
- President (Fellow) - Nigerian Biological Safety Association: 2019 - 2024
- Member (Full) - American Biosafety Association ABSA: 2016 –
- Member (Fellow) - Society for Educational Administrators of Nigeria SEAN: 2015 -
- Member (Full) - Pan African Mosquito Control Association PAMCA: 2015
- Member (Fellow) - Nigeria Biological Safety Association NiBSA: 2010 -
- Member (Full) - African Biological Safety Association AfBSA: 2010
- Member/Certified Professional IFBA - International Federation for Biosafety Associations IFBA: 2010
- Member (Associate) - African Conservation Union: 2009
- Member (Full) - Malaria Society of Nigeria: 2006
- Member (Fellow) - Entomological Society of Nigeria: 1996
- Member (Full) - Nigeria Conservation Foundation: 1993

WORK EXPERIENCE

LAGOS STATE UNIVERISTY OF SCIENCE AND TECHNOLOGY (LASUSTECH): JULY 2023 - PRESENT

Professor and Deputy Vice Chancellor (Academic)

Assist the Vice Chancellor in designing, developing and executing various academic programs at the sub-degree, degree and postgraduate levels. Assist the Vice Chancellor in the general administration of the university.

LAGOS STATE UNIVERISTY OF SCIENCE AND TECHNOLOGY (LASUSTECH): JUNE 2023 - PRESENT

Professor – Zoology, Biological Science. (B.sc, Zoology Program)

Develop and deliver undergraduate and graduate courses in zoology and environmental biology. Prepare and deliver engaging lectures, facilitate class discussions, and provide guidance and support to students. Assess student performance through assignments, exams, and other evaluations.

LAGOS STATE UNIVERISTY (LASU) : 2016 – MAY 2023.

Professor – Zoology and Environmental Biology (B.sc, M.sc, Ph.D Programmes) ZOO 102, ZOO 101, ZOO 305, ZOO 306, BIO 204, ZOO 398, ZOO 407, ZOO 406, ZOO 497, ZOO 498, GRP 813, ZOO 812, ZOO 809, ZOO 810, ZOO 830, ZOO 831, ZOO 833, ZOO 832, ZOO 834, ZOO 835, ZOO 836, ZOO 837, ZOO 101

- Develop and deliver undergraduate and graduate courses in Zoology and Environmental Biology. Prepare and deliver engaging lectures, facilitate class discussions, and provide guidance and support to students. Assess student performance through assignments, exams, and other evaluations. Engage in scholarly research, publish findings in academic journals, books, or other scholarly outlets. Supervise graduate students, provide mentorship, and guide them in their

research projects. Participate in curriculum development, contribute to the enhancement of existing programs, and propose new courses or programs as needed. Serve on academic committees and actively contribute to the academic and administrative functioning of the university. Provide academic advisement to students, offering guidance on course selection, career paths, and professional development opportunities. Engage in community service, outreach activities, and professional development to promote the university's mission and contribute to the wider academic community.

LAGOS STATE UNIVERSITY: 2011 - 2016

Associate Professor – Zoology and Environmental Biology (B.sc, M.sc, Ph. D Programmes) ZOO 101, ZOO 102, ZOO 305, ZOO 304, ZOO 407, ZOO 406, ZOO 832, ZOO 832, ZOO 805, ZOO 837, ENV 748, ENV 845, GRP 813

- Teach undergraduate and graduate courses. Develop and deliver engaging lectures, lead discussions, and facilitate student learning. Assess student performance through assignments, exams, and other evaluations. Mentor and advise students, providing guidance for their academic and professional development. Engage in scholarly research, publish findings in academic journals, books, or other scholarly outlets. Supervise graduate students and collaborate with colleagues on research projects. Contribute to curriculum development and participate in departmental and university committees. Engage in community service and outreach activities that promote the university's mission

LAGOS STATE UNIVERSITY: 2004 - 2011

Senior Lecturer (B.sc M.sc Programmes) ZOO 101, ZOO 102, ZOO 305, ZOO 404, ZOO 406, ZOO 306, ZOO 833, ZOO 835, ZOO 831, ZOO 830, ZOO 834, GRP 813

- Develop and deliver engaging lectures, seminars, and tutorials in area of expertise. Design and update course materials, including syllabi, assignments, and assessments. Provide guidance and support to students, fostering their intellectual growth and critical thinking skills. Utilize innovative teaching methodologies and technologies to enhance student learning outcomes. Conduct cutting-edge research in your field of specialization, contributing to the advancement of knowledge. Publish research findings in reputable academic journals, books, or other scholarly outlets. Participate in conferences, seminars, and workshops to share research insights and collaborate with colleagues. Seek external funding opportunities to support research projects and initiatives.

OTHER POSITIONS HELD

- West Africa Health Organization (WAHO) Consultant on Technical Assistance Missions To strengthen Biosafety and Biosecurity in Liberia and The Gambia June – August 2026.
- Governing Council Member of the Emergency, Crises and Disaster Risk Management Institute, Abuja, Nigeria. September 2026 – Present
- Lagos State University of Science and Technology, Ikorodu, Office of the Vice Chancellor/Deputy Vice Chancellor ((Academic) - Lagos State University of Science and Technology LASUSTECH, Ikorodu: Member: 2023 - Present
- LASU Research Ethics Committee Lagos State University, Ojo, Lagos: Member: 2021 - 2023
- LASU Research Biosafety Ethics Committee Lagos State University: Chairman: 2021 - 2023
- GET Journal of Biosecurity and One Health Global Emerging Threats: Member: 2021 - Present
- Biosafety Research Ethics Committee BREC, Institutional Research Ethics Committee Lagos State University, Lagos, Nigeria: Chairman: 2021 - 2023
- LASU COVID-19 RESPONSE COMMITTEE Lagos State University, Ojo, Lagos, Nigeria: Member: 2020 – 2022.

- Environmental Management and Campus Development Advisory Committee (EMCDAC)- Lagos State University LASU Ojo, Lagos: Chairman: 2016 - 2021
- Committee on illegal sale of textbook, Faculty of Science - Lagos State University, Ojo: 2013 - 2020
- Member, Departmental postgraduate Committee, Department of Zoology and Environmental Biology, Lagos State University: 2002 - 2023
- Editorial Board, Journal of Research and Review in Science Lagos State University: Member: 2001 - 2023
- Editorial Board, Journal of Prospects in Science Department of Fisheries and Zoology, Faculty of Science, Lagos State University, Ojo, Lagos: Member: 1997 -
- Lagos State University: Senior Lecturer | Lecturer II (B.sc Program): 1996 – 2000
- Lagos State University: Lecturer II | Associate Lecturer (B.sc Programmes): 1993 – 1996
- Lagos State University: Associate Lecturer | Demonstrator (B.sc Zoology Programme): 1990 – 1993
- African Concord Limited: Associate Editor: 1993 – 1996
- African Concord Limited: Reporter | Researcher: 1990 - 1993
- Agunloye Farms Limited: Farm Supervisor: 1989 - 1990

TRAININGS

- Transportation of Hazardous Laboratory Substances organized by Sandia National Laboratories, New Mexico, United States of America: 2018
- Training of Trainers for Transportation of Hazardous Laboratory Substances organized by Sandia National Laboratories, New Mexico, United States of America: 2018
- Research Grant Writing and Administration organized by Lagos State University, and National Universities Commission: 2018
- International Conference and Workshop on Innovation, E-Schooling, Entrepreneurship and Grantsmanship organized by Wesley University, Ondo, Nigeria: 2018
- Chemical Threat Readiness Leadership Training organized by Sandia National Laboratories, Chemical Security Program and International Biological and Chemical Threat Reduction, United States of America: 2017.
- Nigeria Biosecurity Training organized by Sandia National Laboratories, Albuquerque, New Mexico, United States of America: 2016
- Nigeria Advanced Trainer Development organized by Sandia National Workshop, New Mexico, United States of America: 2016
- Biorisk Management Trainer Development Program, African Centre for Integrated Laboratory Training (ACILT), Johannesburg, South Africa: 2014
- Risk Analysis: Role of Science in GMO Decision-Making organized by International Centre for Genetic Engineering and Biotechnology, Trieste, Italy: 2014
- Biosecurity Risk Management organized by International Biological Threat Reduction: 2013
- Strategic Approaches in the Evaluation of the Science Underpinning GMO Regulatory Decision-making. organized by International Centre for Genetic Engineering and Biotechnology, Trieste, Italy: 2013
- Bio Risk Management Training organized by International Biological Threat Reduction and University of California, Institute of the Environment and Sustainability Centre for Tropical Research: 2012
- Presentation Tools and Ethics for University Teaching organized by Lagos State University Multimedia Centre: 2011
- Biosafety Training organized by Nigeria Federal Ministry of Health, Centers for Disease Control and Prevention CDC and American Society for Microbiology: 2011

- Transport of Infectious Materials organized by African Biological Safety Association AFBSA and Biosecurity Engagement Program BEP: 2010
- Biotechnology for Development in Africa: Training on Molecular Biology Techniques: Theoretical and Practical's organized by Danifol Biotechnology Consult, Lagos, Nigeria: 2004
- News Reporting Course, Nigerian Institute of Journalism, Ogba, Ikeja, Lagos: 1993
- Science Reporting Training organized by Pan African News Agency PANA and Canadian International Research Centre IDRC: 1992

THESIS AND DESSERTATIONS

- Bioactivity of Extracts of Some Nigerian Plants on Insect Pests of Stored Grains: PhD Thesis, University of Lagos, Akoka, Lagos: 2008
- Insecticidal Effects of Garlic (*Allium sativum*) and Spring Onion (*Allium fistulosum*) against *Sitophilus zeamais* and *Callosobruchus maculatus* in the laboratory. M. Sc. Dissertation, University of Lagos, Akoka, Lagos: 1990.
- Palmar Dermatoglyphic Features of The Awori and Egun People of Lagos State, B. Sc. Project Report, Lagos State University LASU, Ojo, Lagos, 1988.

PUBLICATIONS – Book and Book Chapters

1. DENLOYE, A. Abiodun, (2011), “*INTRODUCTION TO COMMON ARTHROPODS*”, Vol.1 / First Edition, Laniwun Ventures, Lagos. 120pp.
2. DENLOYE, A. Abiodun., BAJULAYE, A. Ajayi. and ADEGORITE, O. Solomon, (2022), “Use of Entomogenous fungi in Controlling Insect Pests”, 34-42 in Contemporary Issues in Science, Human Kinetics, Health and General Education, edited by Fasan C. D., Benjamin, M. A., Adegbamigbe, A. B. and Ayejuyo, L. J., Lagos: School of Science, Adeniran Ogunsanya College of Education, Otto Ijanikin.
3. Denloye, Abiodun A., Akeeb Bola Ayefolu, Kabir O. Akinyemi, Kafayat O. Ajelara and Azeezat O. Alafia (2020). Introduction to Biosafety and Biosecurity, 211 - 215 In *Studies in Philosophy, Science and Environment*. Lagos State University (LASU) Center for General Nigerian Studies (CGNS). Biodun Akinpelu, Oseni Afisi, Philomena Ojomo and Kafayat Ajelara. Publication of CGNS, LASU.

PUBLICATIONS - Journals

1. Denloye, Abiodun A. (2026). Lessons From Ants: Odyssey of an Insect Hunter. First Inaugural Lecture, Lagos State University of Science and Technology (LASUSTECH) 17TH February 2026. 94pp.
2. Jimorh, B. O., K. K Kemabonta., I. B. Ezeobiora, K. Gomez., A. Denloye, A. A., Alafia, A. O., Ashade, A. O., Ajelara, A. O., Godonu, K. B. A., P. N. Othapo. (2026) Diversity and Distribution of Ants (Hymenoptera: Formicidae) Across Three Ecosystems in Lagos, Nigeria. *African Ecology*, 2026;64:e70215 <http://doi.org/10.1111/aje.70215>

3. A. Denloye G., Adetunji, B H., Oke, S., Babaniyi, P. I, Ezun, S., I, Ajose, A. R., & Oyefolu, A. O.B. (2025). Activity of Garlic (*Allium sativum*) Bulb Against Bacterial Isolates from Body Wash of American Cockroach (*Periplaneta americana*) From Lagos, Nigeria. *GET Journal of Biosecurity and One Health* 4 (1): <https://doi.org/10.36108/gjoboh/5202.40.0110>.
4. OJUROMI, Oladele T., ALAFIA, Azeezat O, AJELARA, Kafayat O, OLUWO, Ridwan B., SHAIKU, Joseph ADEOGUN, Adedapo, OYENIYI Tolulope, ADETUNJI, Bamidele S, GODONU, Kolawole G, OYEFOLU, Akeeb B, DENLOYE, Abiodun A (2025). Tick Infestation in the Local Breed of Dogs (*Canis lupus familiaris*) in Lagos, Nigeria and implications on Babesiosis. *Nigerian Journal of Entomology* 41 (1) 165 - 174.
5. Alafia, A. O., K. O Ajelara, A. O Giwa, . M. L Ogun, M. A. Olasope, B. S. Adetunji, Z. O. Diyaolu, T. A. Oyeniyi, A. D. Adams, A. S. Owuoye, H. A. Aleem,, A. K Raji, Z. O. AbdulRahman Giwa, O. K. Roleola and A. A. Denloye. (2025). A report of morphometric variation of *Aedes aegypti* and *Aedes albopictus* in Lagos State, Nigeria. *Journal of Entomology and Zoology Studies*. 13. 6, 201 – 210.
6. ALAFIA Azeezat Oyindamola, AJELARA Kafayat Oluwakemi, GODONU Kolawole Gbemavo, ADETUNJI Bamidele Halimah, JIMOH Marufa Idowu, REIS Anthony Gbolahan and DENLOYE Akinpelu Abiodun, (2022). “Perception, Prevalence and Diversity of Ectoparasites of Some Domestic Animals in Lagos State, Nigeria”, *Animal Research International*, Vol. 19, Issue 3 Pp. 4595-4603.
7. ALAFIA, A. O. AJELARA, K. O., REIS, G. A., OLAYERI, A. A., and DENLOYE, A. A., (2022), “Ovicidal and Larvicidal Activities of n-Hexane Extract of *Murraya Paniculata* L Leaves Against *Aedes Aegypti*”, *Asian Journal of Research in Zoology*, Vol. 5, Issue 2, Pp. 32-42, DOI: 10.9734/AJRIZ/2022/v5i230136
8. AJELARA, K. O., LAFIA, A. O., DENLOYE, A. A., MATANMI, O. S., (2022), “Comparative Repellency of Selected Plants to Adult Anopheles Gambiae Complex Giles in the Laboratory”, *Annual Research and Review in Biology*, Vol. 37, Issue 7 Pp. 18-24, DOI: 10.9734/arrb/2022/v37i730518.
9. AKPARORUE O. SAMSON, ABIODUN A. DENLOYE, OLUWAKEMI O. AJELARA, (2020), “Health Conditions of Landfill Workers, Lagos State, Nigeria”, *Journal of Health and Medical Sciences*, Vol. 3, Issue 4, Pp. 466-477 , DOI: 10.31014/aior.1994.03.04.141
10. ABAYOMI AKINOLA EMMANUEL, DENLOYE ABIODUN AKINPELU, DIAGNE ROKHAYA, DIALLO SADA, ELLIS MAUREEN, FAYE ELHADJI, FAYE OUSMANE, FOFANA LORENE. KEBE KHADY, KOUAMA CLARISSE ELOGNE, MANIGART OLIVIER, PEYREFITTE CHRISTOPHE, SAKANDE JEAN SALI AMADOU, SARR AICHA MARCELINE, SOW ABDOURAHMANE AND TRAORE TIEBLE., (2020), “Strategic Harmonization of Training on Biosecurity for Laboratories in the ECOWAS Region.”, *MDPI Proceedings Journal*, Vol. 45, Issue 12Pp. 1-2 , DOI: 10.3390/proceedings2020045012.
11. Abiodun A. Denloye, Akeeb O. Bola Oyefolu, Kabiru O. Akinyemi, Kafayat O .Ajelara, Azeezat O. Alafia, (2020), Introduction To Biosafety and Biosecurity, 211-215 in *Studies in Philosophy, Science and Environment*, edited by Biodun Akinpelu, Oseni Afisi, Philomena Ojomo, Kafayat Ajelara, Lagos, Nigeria: Centre For General Nigerian Studies, Lagos State University.

12. DENLOYE, Abiodun A., OJUROMI, Oladele T, OCHEI, Kingsley, ADE-SERRANO, Elizabeth O., (2019), "Biosafety Knowledge, Waste Disposal Practices and Identification of Parasites in Biomedical Wastes From Healthcare Establishments in Lagos and Abuja, Nigeria", *Animal Research International*, Vol. 16, Issue 1, Pp. 3144-3150.
13. NEGBENEBOR, H. E., W. A. MAKANJUOLA, A. A. DENLOYE and NURA, S., (2018), "Toxicity of Powder and Ethanolic Extracts of *Uvaria chamae* Annonaceae Bark On Selected Stored Product Insect Pests", *African Journal of Biotechnology*, Vol. 17, Issue 11, Pp. 350-355, DOI: 10.5897/AJB2017.16257
14. AJELARA, K. O., DENLOYE, A. A., ALAFIA, A. O., AWUSINU, K., BAJULAIYE, A. A., AND MUSE, W. A., (2018), "Toxicity of Smoke from Pelletized Leaf Powder and Essential Oil of *Hyptis suaveolens* L.Poit Wild Spikenard Against *Anopheles gambiae* Giles 1902 Diptera; Culicidae ", *Nigerian Journal of Entomology*, Vol. 34, Pp. 61-68.
15. DENLOYE Akinpelu Abiodun, AJELARA, Kafayat Oluwakemi, ALAFIA, Oyindamola Azeezat, BABALOLA, O. Oluwaseun, BAJULAIYE, A Albert, Okoh, O. Hillary, DIKE, I. Patrick, (2017), "Evaluation of Unorthodox Preparations and Their Comparative Efficacy Relative To Orthodox Insecticides Against Household Insects In Lagos", *International Journal of Entomological Research*, Vol. 05, Issue 02, Pp. 43-51.
16. ALAFIA, A. O., ANIKWE, J. C., DENLOYE, A. A., AJELARA, K.O., MAKANJUOLA, W.A. and AWOSANYA, T, (2017), "Predicting Post Mortem Interval Using Discriminant Function Analysis of the Succession Pattern of Necrophagous Insects", *Nigerian Journal of Entomology*, Vol. 33, Pp. 61-69.
17. DENLOYE, A. A., O. A. ALAFIA, K. O. AJELARA, O. O. BABALOLA, O. A. DOSUMU, F. G. OWODEINDE and O. O. SOLOMON., (2016), "Occurrence of *Orthetrum abbotti* Calvert 1892 Odonata; Libellulidae and Intraguild Predation on *Clarias gariepinus* Burchell 1822 Sulliformes: Clariidae and *Oreochromis niloticus* L., 1758 Perciformes; Cichlidae Fries In Lagos Fish Farms.", *International Journal of Aquatic Biology*, Vol. 4, Issue 5, Pp. 325-329, DOI: 10.22034/ijab.v4i5.219.
18. NEGBENEBOR, H. E., W. A. MAKANJUOLA and A. A. DENLOYE, (2016), "Toxicity of Seed Powder and Extracts of *Jatropha curcas* To Three Storage Beetles.", *Journal of Tropical Biosciences*, Vol. 11, Pp. 22-30.
19. DENLOYE, A. A., AJELARA, O. K., ALAFIA, O. A., OLOWU, R. A., MAKANJUOLA, W. A., (2015), "Insecticidal Activity of Petroleum Ether Extract and Essential Oil From Guinea Hen Weed, *Petivaria alliaceae* L. Phytolaccaceae Against *Anopheles gambiae* L., Diptera; Culicidae ", NSUK Journal of Science and Technology, Vol. 5, Issue 2, Pp. 11-15.
20. DENLOYE, Abiodun A., ABDULSALAM, L., BAKRE, S., AJELARA, Oluwakemi and OLOWU, R., (2015), "Heavy Metals In Some Termite Species and Their Nests In Ojo, Lagos, Nigeria.", *Animal Research International*, Vol. 12, Issue 2, Pp. 2178-2183.
21. RasAQ A. Olowu, Eruola, A. O., Abiodun A. Denloye, Oladipo A. Lawal, Aliu Akerele, (2015), "Potential Toxic Metal Concentrations in Frequently Consumed Leafy Vegetables from Markets and Farmlands Along Owode-Seme Border, Nigeria", *Resources and Environment*, Vol. 5, Issue 5, Pp. 152-158.

22. DENLOYE, Abiodun A., MAKINDE, Olubunmi S. C., AJELARA, Kafayat O., ALAFIA, Azeezat O., OIKU, Ebosele A., DOSUMU, Olanrewaju A., MAKANJUOLA, Winifred A. and OLOWU, Rasak A., (2014), "Insects Infesting Selected Vegetables In Lagos and the Control of Infestation on *Celosia argentea* L. With Two Plant Oils", *International Journal of Pure and Applied Zoology*, Vol. 2, Issue 3, Pp. 187-195.
23. OLOWU, R. A., B.A MORONKOLA, TOVIDE, A. A. DENLOYE, K N AWOKOYA, SUNDAY C E, O O OLUJIMI, (2012), "Assessment of Proximate and Mineral Status of Larval Rhinoceros Beetle, *Oryctes Rhinoceros* Linnaeus 1758 Coleoptera; Scarabaeidae From Itoikin, Lagos State, Nigeria", *Research Journal of Environmental Sciences*, Vol. 6, Issue 3, Pp. 118-124, DOI: 10.3923/rjes.2012.118.124
24. Olowu, R. A., Osundiya, M. O., Onwordi, C. T., Denloye, A. A., Okoro, C. G., Tovide, O. O., Majolagbe, A.O., Omoyeni, O. A., and Moronkola, B. A, (2012), "Pollution Status of Brewery Sewage Sludge in Lagos, Nigeria.", *International Journal for Research and Review in Applied Sciences*, Vol. 10, Issue 1, Pp. 20-24.
25. R.A. Olowu, C.T. Onwordi, A. A. Denloye, M.O Osundiya, N.O. Adebayo, M.S. Owolabi, O.O. Tovide, B.A. Moronkola, O.A. Omoyeni and O.R. Ajuwon, (2012), "Heavy Metals in *Oreochromis niloticus* Linnaeus, 1758 Persiformes: Cichlidae , *Ictalurus punctatus* Rafinesque, 1818 Suliriformes: Ictaluridae and Bottom Sediments from Lagos Lagoon Proximal to Egbin Power Plant, Ijede, Ikorodu, Lagos Nigeria", *Research Journal of Environmental and Earth Sciences*, Vol. 4, Issue 3, Pp. 237-243
26. Agboola, Julius I and DENLOYE, Abiodun A. B., (2011), "Preliminary Assessment of Anthropogenic Impact on Some Ecological Components of Abesan River, Lagos, Nigeria.", *Journal of Water Resources and Protection*, Vol. 3, Pp. 98-104 , DOI: 10.4236/jwarp.2011.32011.
27. OYEWOLE, I. O., MORONKOLA, D. O., OGUNWANDE, I. A., OKOH, B., IBIDAPO, C. A., DENLOYE, A. A. B., OGUNNOWO, A. A and ADEDAYO, N., (2010), "Larvial Activity Of The Essential Oil From *Phyllanthus amarus* Sch. et Thonn Euphorbiaceae Against Three Species OF Mosquitoes.", *Der Phnarcia Lettre*, Vol. 2, Issue 6, Pp. 136-141.
28. DENLOYE, A. A., MAKANJUOLA, W. A., AJELARA, O., AKINLAYE, O., OLOWU, R. A. & LAWAL, O. A., (2010), "Toxicity of Powder And Extracts From *Zanthoxylum zanthoxyloides* Lam Rutaceae Root Bark From Nigeria Against Three Storage Beetles.", *Julis Khun Archives*, Vol. 425, Issue ,Pp. 832-838 , DOI: <https://doi.org/10.5073/jka.2010.425.187>
29. DENLOYE, A. Abiodun, (2010), "Bioactivity Of Powder And Extracts From Garlic, *Allium sativum* L. Alliaceae and Spring onion L *Allium fistulosum* Alliaceae Against *Callosobruchus maculatus* F. Coleoptera; Bruchidae On Cowpea, *Vigna unguiculata* L. Walp. Leguminosae Seeds", *Psyche*, Vol. 958348, Pp. 1-5 , DOI: 10.1155/2010/958348
30. DENLOYE, A. A., W. A. MAKANJUOLA, O. K. TESLIM, A. O. ALAFIA, A. A. KASALI, A. O. ESHILOKUN, (2010), "Toxicity of *Chenopodium ambrosioides* Chenopodiaceae Products From Nigeria Against Three Storage Insects", *Journal of Plant Protection Research*, Vol. 50, Issue 3, Pp. 379-384 , DOI: 10.2478/v10045-010-0064-7
31. DENLOYE, A. A., Oluwakemi K. AJELARA, Rasak, A. OLOWU, ESHILOKUN, Adeolu and MAKANJUOLA, (2009), "Insecticidal Activity of Petroleum Ether Extract And Essential Oil of *Chenopodium ambrosioides* L. Chenopodiaceae Against *Anopheles gambiae* Diptera; Culicidae ", *Acta Entomologica Sinica*, Vol. 52, Issue 8, Pp. 923-928.

32. DENLOYE, A. A., K. O. TESLIM, H. NEGBENEBOR, and W. A. MAKANJUOLA, (2008), "Assessment of The Efficacy of Actellic and Sumithion In Protecting Grains From Insect Infestation During Storage.", *Journal of Entomology*, Vol. 5, Issue 1, Pp. 24-30 , DOI: 10.3923/je.2008.24.30
33. Agboola, J. I., M. A. Anetekhai and A. A. Denloye, (2008), "Aspects of the Ecology and Fishes of Badagry Creek Nigeria ", *Journal of Fisheries and Aquatic Science*, Vol. 3, Issue 3, Pp. 184-194.
34. DENLOYE, A. A., W. A. MAKANJUOLA, K. N. DON-PEDRO, H. E. NEGBENEBOR, (2007), "Insecticidal Effects of *Tephrosia vogelii* Hook Leguminosae Leaf Powder and Extracts on *Sitophilus zeamais* Motsch, *Callosobruchus maculatus* F. and *Tribolium castaneum* Herbst", *Nigerian Journal of Entomology*, Vol. 24, Pp. 94-97.
35. DENLOYE, A. A. B., TESLIM, K. O., and FASASI, A. O., (2006), "Insecticidal and Repellency Effects of Smoke From Plant Pellets With Or Without D Allethrin 90 EC Against Three Medical Insects.", *Journal of Entomology*, Vol. 3, Pp. 9-15 , DOI: 10.3923/je.2006.9.15.
36. DENLOYE, A. A. B., K. O. Teslim and J. A. Adekoje, (2004), "Potency of Four Synthetic Insecticide Formulations Against the Adult Common Cockroach *Periplaneta americana* in the Laboratory.", *Research Communications in Animal Science*, Vol. 1, Issue 2, Pp. 4-9.
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RESEARCH COLLABORATION EXPERIENCE

2016 Intraguild predation by nymph of the dragonfly, *Orthetrum abbotti* on fingerlings of *Clarias gariepinus* and *Oreochromis niloticus* in fish farms located in Ojo and Badagry Local Government areas of Lagos State, Nigeria.[Departmet of Fisheries, Lagos State University]

2016 Studies on the use of unorthodox insecticidal preparations and orthodox synthetic insecticides against household insects in Lagos. [Nigeria Institute for Medical Research, Lagos]

2014 Insects infesting vegetables in Lagos and their possible control with biopesticides from locally available plant species. [Department of Botany, Lagos State University]

2010 Toxicity of *Phyllanthus amarus* essential oil against *Anopheles gambiae* sl [Babcock University]

2009 Insecticidal Activity of *Chenopodium ambrosioides* against the malaria vector, *Anopheles gambiae* sl. [University of Lagos]

2008 Assessment of selected synthetic insecticides imported into Nigeria for their respective potency against stored product insect pests. [University of Lagos]

2007 Studies on the toxicity of botanicals from *Tephrosia vogelii* against three selected insect pests of stored grains. [University of Lagos]

2004 Determination of heavy metals in the millipede, *Pachybolus ligulatus* from dumpsites in Lagos metropolis. [Lagos State University, Department of Chemistry]

2004 Toxicity of four synthetic insecticides against the American cockroach, *Periplaneta americana* in the laboratory.[Johnson Wax Industries, Lagos]

2001 Assessment of the nutritional quality of the Rhinoceros beetle, *Oryctes rhinocerus* from Lagos State. [Lagos State University, Department of Chemistry]

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i. DENLOYE, A. A. B., ADEPOJU, F., and AJIBADE, M. A., (2000), "Studies on the insecticidal effects of *Allium cepa* and *Allium sativum* on *Sitophilus zeamais* Maize weevil." in Proceedings of the 18th Annual Conference of the Nigerian Institute of Science and Technology, Ibadan: Nigerian Institute of Science and Technology.

RESEARCH IN PROGRESS

- **Bioactivity of Locally Available Botanicals Against Mosquito Species Diptera; Culicidae In The Laboratory:** My ongoing research is on the control of insect vectors of human and veterinary diseases using plant natural products as alternatives to orthodox insecticides. These diseases take huge economic toll in terms of morbidity and mortality on Man and animals. There is therefore an urgent need to break the chain of transmission through control of mosquitoes and other arthropods

serving as vector for the parasites. The objective of this research is to evaluate the ovicidal, larvicidal, insecticidal and repellency effects of Locally Available Botanicals LABs namely *Tecrum flavum*, *Tectonia grandis*, *Bahama bahama*, *Hyptis suaveolens* etc as powders, solvent extracts and essential oils for control of mosquitoes, ticks and other arthropods. My previous studies published in well-rated local and international journals have shown that some LABs may serve as credible sources of compounds which can be reliable alternatives to extant orthodox insecticides compounded in foreign countries and imported into Nigeria. There are copious literature on the application of botanicals against insects as control agents but there is a dearth of studies on these applications in the localities selected as the study sites of this research. Moreover, the studies are laboratory test with limited applicability in field and communal usage. Validated questionnaires have already been administered on residents of Ijanikin and Gbethrome, Lagos State to determine their knowledge, perception and use of insecticide-treated nets, especially with bednets treated with LABs. Also, plant materials are already being collected and prepared into test formulations against the insect species. The study also includes chemical analyses of test botanicals for constituents using Gas Chromatography Mass Spectroscopy techniques and analyses of data gathered. In addition to the foregoing, I have spearheaded research on the identification of arthropod-borne pathogens causing diseases in animals and humans.

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- (2018): Transportation Workshop including The Class 6.2 Dangerous Good Shipping held 12th - 13th 2018, Abuja, Nigeria.
- (2018): Workshop on Transportation and Shipping Train the Trainer 14th March, 2018 at Abuja, Nigeria.
- Abiodun A. Denloye, Livinus Ibiang, Stella Udo, Abiola Tubi, Eric Cook and Cecilia Williams, Pathway to Capacity Building for Biorisk Management in Nigeria.

- (2017): 2017 Annual Conference of American Biosafety Association (ABSA) International, Albuquerque, New Mexico, United States of America, 13th 18 October, 2017 with Pre-Conference Workshops.
- (2017): 48th Annual Conference of the Entomological Society of Nigeria (ESN), Nnamdi Azikiwe University, Awka, Anambra State, Nigeria, 10th 13th October 2017.
- (2017): First Annual Biorisk Management BIORIM Symposium MENA Regional Network, held at Arena Congress Centre, Tunis 6th - 8th April, 2017.
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