



OBAFEMI AWOLOWO UNIVERSITY, ILE-IFE, NIGERIA

CURRICULUM VITAE

A. PERSONAL DATA

1. Full Name: **OGUNFOWOKAN**, Aderemi Okunola
2. Date and Place of Birth: 18th August, 1961, Oke-Aye
3. Contact Details
 - (a) Physical Address: House 1 Open Heavens Avenue, Back Mary 'B' Nursery and Primary School, Parakin Obalufe Lay out, Ile Ife, Osun State, Nigeria
 - (b) Postal Address: Department of Chemistry, Obafemi Awolowo University, Ile Ife, Osun State
 - (c) E-Mail: aogunfow@oauife.edu.ng or remiogunfowokan@gmail.com
 - (d) Mobile Phone: +234 (0) 803 438 7270
4. Nationality: Nigerian
5. State of Origin: Ogun
6. Senatorial District: Ogun East
7. Local Government Area: Ijebu North East
8. Permanent Home Address: 11, Olusola Street, off Aiyesan Market, Ijebu Ode
9. Marital Status: Married
10. Number of Children and Age: Three: 27 years, 25 years and 21 years
11. Next of Kin: Professor (Mrs) A.A. Ogunfowokan
12. Contact Address of Next of Kin:
 - (a) Physical address: Professor (Mrs) A.A. Ogunfowokan, Department of Nursing Science, Obafemi Awolowo University, Ile-Ife, Nigeria.
 - (b) E-mail Address: solafowokan@oauife.edu.ng
OR adesolaogunfowokan@gmail.com
 - (c) Phone Number: +234 (0) 806 687 0349
13. Date of Assumption of Duty: September 29, 1993
14. Rank on First Appointment: Assistant Lecturer

15. Present Status: Professor; October 2010
16. Date of Last Promotion: Not Applicable
16. Faculty: Natural Sciences
17. Department: Industrial Chemistry
18. Postal Address: Department of Chemistry
Obafemi Awolowo University, Ile-Ife, Nigeria
E-Mail remiogunfowokan@gmail.com
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+2348034387270

B. EDUCATIONAL BACKGROUND

I. Higher Educational Institutions attended with dates

- | | | |
|-------|--|-----------|
| (i) | Ogun State University, Ago Iwoye, Nigeria | 1983-1987 |
| (ii) | Obafemi Awolowo University, Ile-Ife, Nigeria | 1989-1992 |
| (iii) | Obafemi Awolowo University, Ile-Ife, Nigeria | 1993-2000 |

2. Academic and Professional Qualification with Dates:

- | | | |
|-------|-----------------------------------|------|
| (i) | B.Sc. (Hons) Industrial Chemistry | 1987 |
| (ii) | M.Sc. (Analytical Chemistry) | 1992 |
| (iii) | Ph.D (Analytical Chemistry) | 2000 |

3. Other Distinctions and Awards with Dates:

- (i) The Chromatography forum of Delaware Valley, USA, 1995 Student Award for Presentation of an outstanding research paper in Separation Science (May, 1995)
- (ii) Voted 2nd best poster presented by the Chromatography forum of Delaware Valley Pennsylvania, U.S.A. (June, 1995)

National Award

- (i) **National Trainer in Distance Learning: Awarded by the British Council in Conjunction with the National Universities Commission and UK Open University-2011**
- (ii) **Certified Internal Quality Assurance Manager Trained by DAAD, HRK, DIES (Germany), NUC Nigeria, National Accreditation Board Ghana after the completion of rigorous Training course on Internal Quality Assurance in West Africa (TrainIQAfrica) which held in Accra, Ghana, Essen Germany and Abuja, Nigeria (March 2015 to June, 2016).**

Academic Awards:

- (i) Postgraduate fellowship, Obafemi Awolowo University, Ile-Ife, Nigeria. (A teaching and Research Fellowship) 1990-1992.
- (ii) World Bank Staff Development Project Fellowship Award 1994-1995
- (iii) American Chemical Society (Mid-Atlantic Region Pennsylvania) Travel Award (May 1995).
- (iv) National Research Foundation (NRF) Post-Doctoral Award (South Africa) May 2001)
- (v) Organization for the Prohibition of Chemical Weapons Travel Award (OPCW) The Netherland to Garborone, Botswana (July 2003).
- (vi) Ogunkoya O.O. Ogunfowokan A.O. and Adekunle T.O. Land use hydrological/pathway and Soil degradation implications in Southwestern Nigeria. Research grant awarded by: United Nations University Institute for Natural Resources in Africa (UNU/INRA) 2003.
- (vii) 3rd Position 2003 Faculty of Science most productive Scientist of the year, Obafemi Awolowo University, Ile-Ife Nigeria (2003).
- (viii) Organization for the Prohibition of Chemical Weapon Travel Award (OPCW) The Netherland to Tanzania (August 2004)
- (ix) Southern and Eastern Africa Network of Analytical Chemists (SEANAC) Travel Award, to Gaborone Botswana (15th, 18th July, 2007)
- (x) Organization for the Prohibition of Chemical Weapons (OPCW). The Netherland Conference sponsorship Award for the 1st Annual International Conference of the Chemical Society of Nigeria, Osun State Chapter (2008).

C. WORK EXPERIENCE

1. Work Experience outside the University with Dates:

- (i) National Youth Service Corps, Government Secondary School, Dekina Benue State, Nigeria 1987-1988.

2. Work Experience in other Universities with Dates

- (i) Visiting Research Fellow, Department of Chemistry, Villanova University, Villanova, Pennsylvania, U.S.A. (1994-1995).
- (ii) Post-Doctoral Fellow, Department of Chemistry, University of Forth Hare, Alice 5700, South Africa (2000-2001)

3. Work Experience in Obafemi Awolowo University with Dates

- (i) Assistant Lecturer 1993-1995
- (ii) Lecturer II 1995-1999

(iii)	Lecturer I	1999-2003
(iv)	Senior Lecturer	2003-2007
(v)	Reader	2007-2010
(vi)	Professor	2010-Date

4. Courses taught at the Department of Chemistry, Obafemi Awolowo University (OAU) within the current academic session

(i) Undergraduate Level:

CHM 101, ICH 202, ICH 204, CHM 208, CHM 301, ICH 308, CHM 301, CHM 404, ICH 409 and CHM 423

Post Graduate Level:

- (a) CHM 801-Analytical Chemistry
- (b) CHM 814- Synthetic Polymer Chemistry

5. Graduate Student Supervision

(a) By Research

M.Sc. Degree with Thesis Completed

1. Hotton Joseph Anthony (2001): Some Ecological Impact of Flooding on Agricultural Communities in the Benue Trough Adamawa State (M.Sc.) (Completed)
2. Kaisam John Paul (2004) Analysis of the Trace Elements in Human Urine, Kidney and Liver by Flame Atomic Absorption Spectrophotometry (**M.Sc.**) (Completed)
3. Adenuga Adeniyi Abiodun (2005): Physicochemical and Trace Organic analysis of Effluents from the Obafemi Awolowo University Sewage Treatment Oxidation Pond and its Receiving Stream (**M.Sc.**) (Completed).
4. Ajibola Odunola Risikat (2006): Tropic Status and Trace Metal Levels of three Reservoirs in Osun State, Nigeria (**M.Sc.**)(completed)
5. Bolarinwa Babatunde Oladapo (2007): Compost Remediation of Heavy Metals contaminated Soils (**M.Sc.**)(Completed).
6. Obisanya, Joshua Funminiyi (2008): Chemical Quality of Stream Water and Sediments under those Agricultural Land System (**M.Sc.**)(Completed)
7. Feuyit Gilbert (2009): Assessment of the impact of point source pollution from Obafemi Awolowo University refuse dump on a receiving stream (**M.Sc.**)(completed)
8. Yahaya Ibrahim Mounsur (2010): Trace metals in Blood and Amniotic Fluid of Pregnant Women (**M.Sc.**) (Completed)
9. Amure Olamuyiwa Augustine (2011): Kinetics and Thermodynamic Study of Biosorption of Pb, Cd and Cr Using granulated groundnut shell, Coconut and Maize Husks. (**M.Sc.**) Completed

10. Ojomo Anthonia Bolanle (2012): Chemical Speciation of Trace Metals in Street Dusts from Selected Roads in Lagos and Ile Ife South-Western Nigeria **(M.Sc.) Completed**
11. Ogunwale Taiwo Olusegun (2014): Heavy Metal Speciation in Road Surface Soils and Vegetation as a Measure of Environmental Pollution of Ile Ife, Osun State **(M.Sc) Completed**
12. Aderemi Taiwo (2016): A comparative Study of the Heavy Metal Assessment of local and imported Ceramic foodwares using Atomic Absorption Spectroscopy and Particle Induced X-ray emission **(M.Sc) Completed**
13. Oyeboode Bukola (2018): Determination of Heavy Metals in Urine of Patients and Tissues of Corpses from the Obafemi Awolowo University Teaching Hospitals Complex, Ile Ife. **(M.Sc) Completed**
14. Adekoya Christopher (2023): Synthesis and Characterization of Molecularly Imprinted Polymer for the Remediation of Wastewater Containing Phthalate Esters **(MSc.) Completed**

M.Phil. Degree

14. Olutona Godwin A. (2011): Trophic Status and Physicochemical Characterization of Waters from Lagos Harbour, Lagos, Nigeria. **(M.Phil. Completed)**
15. Akinjokun Iyabo Bola (2013): Heavy Metals Speciation Study of Waters from Oke-Osun Farm Settlement. **(M.Phil) Completed**
16. Oyeku Olugbenga (2014): Speciation study of Heavy Metals in Soil and Vegetation within the vicinity of Metal Recycling Factory, Ile Ife, Southwestern Nigerian **(M.Phil. completed)**
17. Oyinloye Adeniyi Jide (2014): Physicochemical Characterization and Heavy Metal Speciation Study of Underground Waters of Major Towns in Osun State, Southwestern Nigeria **(M.Phil. completed)**
18. Oyeboode Bukola (2021): Determination of Potentially Toxic Metals in Human Teeth of Patients from the Obafemi Awolowo University Teaching Hospitals Complex, Ile Ife. **(M.Phil) Completed**

Ph.D. Degree Completed

19. Oyekunle John Adekunle Oyedele (2008): Heavy Metals and Organochlorine Pesticides Levels in Soil and Water Ecosystem of Oke-Osun Farm settlement, Osogbo, Nigeria **(PhD) (Completed)**
20. Akinnifesi Thompson Akinyele (2008): Determination of Free Fatty acid Levels in Surface waters and Sediments of Southwestern Nigeria Using a modified Technique **(PhD) (Completed)**

21. Okoya, Aderonke Adetutu Rachael (2009): Determination Organochlorine Pesticide residents in Soil, Sediments and Surface Waters of Some Cocoa producing area of Ondo State, Nigeria **(PhD)** (completed)
22. Obisanya Joshua Funminiyi (2015): A Study of Heavy Metal Speciation and Free Fatty Acid levels of the Obafemi Awolowo University's Sewage Treatment Oxidation Pond and its Receiving Stream **(PhD)** completed)
23. Olutona Godwin O. (2015): Investigation of Polybrominated flame Reterdants and potentially toxic metals in Soil, Sediments and Water of the Obafemi Awolowo University Dumpsite and its receiving Stream. **(PhD)** completed)
24. Fagbemi Josephine Omolara (2017): Investigation of Phthalate Esters in the Soil of Obafemi Awolowo University dumpsite, water and Sediments of its Receiving Stream. **(PhD)** completed)
25. Adesiyan Ibukun Modupe (2017): Assessment of Vibro species and Plesiomonas Shigelloides incidences, with their antibiotics resistancegenes and physicochemical qualities of selected Rivers in Southwest Nigeria. **(PhD)** completed)
26. Ogunwale Taiwo Olusegun (2017): Speciation and health Risk assessments of Heavy Metals in Soil, Vegetables and Groundwater of Some Poultry Farms in Osun State, Southwestern Nigeria. **(PhD)** Completed
27. Akinjokun I.B. (2019) Syntheses and Characterization of zeolitic Materials from Biomass Wastes and their Application in Adsorption of selected Heavy Metals from Wastewater **(PhD)** (completed)
28. Oyinloye J. A. (2020) Levels of Organochlorine Pesticides and Potentially Toxic Metals in Soil, Crops and Aquatic Ecosystem of Esa-Oke Farm Settlement, Osun State, Nigeria. **(PhD completed)**
29. Oyeku Gbenga (2020) Assessment of Organochlorine pesticide residues levels in water and sediments of Asunle Stream and dumpsite Soil of the Obafemi Awolowo University Ile Ife, Nigeria. **(PhD completed)**

MSc Degree Supervision In Progress

30. Orimoloye Olamide 2024: Determination of Polybrominated Diphenyl Ethers in E-Wastes from the Obafemi Awolowo University Ile Ife Dump Site

PhD Degree Supervision In Progress

31. Oyeboade Bukola 2022 to date. Evaluation of Polycyclic Hydrocarbons (PAHs) and Potentially Toxic Metals in Soils and Aquatic Environments of First Technical University Ibadan, Nigeria. (PhD in Progress)

b. **By Long Essay: Nil**

6. Current Undergraduate Supervision 3

(D) Membership of Professional Bodies/Association with Dates

- | | | |
|-----|---|-----------|
| (a) | Member Chemical Society of Nigeria | 2003-Date |
| (b) | Student Membership American Chemical Society | 1995-1996 |
| (c) | Associate Member Quality Control Society of Nigeria | 1993-Date |
| (d) | Member Nigerian Society for Environmental Management | 2003-Date |
| (e) | Member of Southern and Eastern Africa Network of Analytical Chemists (SEANAC) | 2003-Date |
| (f) | Member, Nigerian Field Society | 2007-Date |

E. Publications

1. Dissertation/Project Work

- (i) Comparative Study of Soap from Sulphonated and Unsulphonated Palm Kernel Oil (B.Sc. Thesis). Ogun State University, Ago-Iwoye, Nigeria, 1987.
- (ii) Determination of Phthalate esters in surface waters of South Western Nigeria (M.Sc. Thesis) Obafemi Awolowo University, Ile-Ife, Nigeria 1992
- (iii) Moss, Surface runoff and associated Sediments as indicators of Metal and Trace Organic Pollution in Lagos, Ile-Ife and Osogbo areas (P.hD. Thesis) Obafemi Awolowo University, Ile-Ife, Nigeria. 2000.

2. Books/Monograph: (List in the order with dates, page, reference, and publisher)

(a). BOOK CHAPTER:

- (i) **Ogunfowokan, A.O.** and Fatoki, O.S. (2000): Toxicity of Phthalate Ester to Living Organism and their Occurrence in Surface Waters of South Western Nigeria. In Effect of Pollutants on Terrestrial and Aquatic Ecosystem. Ed. Badejo, M.A. and Van Straalen N.M. Publisher College Press Ltd., OGC Enconsult Bldg, Ibadan Nigeria pp 167.179. ISBN 978-2194-12-3.
- (ii) Torto N., **Ogunfowokan A.O.** Okoh E.K. and Adenuga A.A. (2010): Determination of some Endocrine Disruptors in a Sewage Treatment Oxidation Pond and a Receiving Stream by High Performance Liquid Chromatography and threat of Climate Change in Africa: The Case of Nigeria. Ed. Adebooye O.C., Taiwo K.A. and Future A.A. Covillier Verting Gottingen Internationaler wissenschaftlicher Fachverlag, Germany. Vol. 2. Pp 273-292 ISBN 978-386955-403-7
- (iii) Oyekunle J.A.O., Obisanya J.F., Torto N., Durosinmi L.M. and **Ogunfowokan A.O.** (2016): Persistent Organic Pollutants in the Aquatic Ecosystem of Nigeria: A Review. In Chemical Environmental Pollution: A Selection of Reviews and Studies. Ed. P.C. Onianwa and G. U. Adie. Depet Publishers, Ibadan, Nigeria. ISBN: 978-978-50705-2-1

(b) Monograph: Nil

3.(a) Published Articles (numbered chronologically in the following Format) Surname, Initials, Year, Title of Article, Journal, Volume (no.): first to last page:

- (i) Fatoki, O.S. and Ogunfowokan, A.O. (1993): Determination of Phthalate Ester Plasticizers in the Aquatic Environment of South Western Nigeria **Environment International** USA 19, 619-623.
- (ii) Fatoki, O.S. and Ogunfowokan A.O. (1993): Procedural Cleanup Technique for the Determination of Phthalate Esters in Aquatic Environment. **International Journal of Environmental Studies** USA 44, 237-243.
- (iii) Ogunfowokan, A.O. and Fakankun, O.A. (1998): Physicochemical Characterization of effluents from beverage Processing Plants in Ibadan, Nigeria. **International Journal of Environmental Studies** USA 54, 145-152.
- (iv) Ogunfowokan, A.O., Malomo, R.A., Agboola F.K. Olaniran, A.O. and Aladegbaiye, A.O. (2000): Physicochemical Quality of Nigerian "Pure Water". A Preliminary Study. **Nigerian Journal of Medicine** 19(1)6-9
- (v) Ogunfowokan A.O., Famuyiwa S.O., Adenuga A.A. and Fatoki O.S. (2002): Determination of cadmium and lead in urine of some Nigerian subjects. **International Journal of Environmental Health Research** (UK) 12, 283-287.
- (vi) Fatoki O.S. Lujiza N. and Ogunfowokan A.O., (2002); Trace metal pollution in Untata River. **Water S.A.** (South Africa) 28, 183-189.
- (vii) Fatoki O.S. and Ogunfowokan A.O. (2002): Effect of Coagulant Treatment on the Metal Composition of Raw Water. **Water S.A.** (South Africa) 28 (30), 293-297.
- (viii) Ogunfowokan, A.O. and Asubiojo, O.I. and Fatoki O.K. (2003): Isolation and Determination of Polycyclic Aromatic Hydrocarbons in Surface Runoff and Sediments. **Water, Air and Soil Pollution** (The Netherland) 147, 245-261).
- (ix) Fatoki O.S., Gogwans P. and Ogunfowokan A.O., (2003): Pollution assessment in the Keiskamma River and in the impoundment downstream **Water S.A.** (South Africa) 29(2). 183-187.
- (x) Ogunfowokan A.O., Asubiojo O.I., Adeniyi A.A. and Oluyemi E.A., (2004): Trace Lead, Zinc and Copper Levels in *Barbula lambarenensis* as a Monitor of Local Atmospheric Pollution in Ile-Ife, Nigeria. **Journal of Applied Sciences.** (Pakistan) 4(3): 380-383.
- (xi) Adediran J. A., Taiwo, L.B., Sobulo, R.A., Ogunfowokan, A.O., and Fatoki, O.S. (2004): Impact of the effluent discharge from a Brewery plant on three communities in Ibadan Municipally, South Western Nigeria. **Global Journal of pure and Applied Sciences** (Nigeria) 10(1): 211-216.
- (xii) Ogunfowokan . A.O., Okoh E.K. Adenuga A.A. and Asubiojo O.I. (2005) An Assessment of the Impact of Point Source Pollution from a University Sewage Treatment Oxidation Pond on a Receiving Stream-A Preliminary Study. **Journal of Applied Sciences** (Pakistan) 5(1): 36-43
- (xiii) Ogunfowokan, A.O., Morakinyo, M.K., Agboola, O.S. and Durosinmi L.M. (2005): Levels of Lead and Cadmium in some Nigerian Confection Wrappers. **Journal of Applied Science.** 5(6) 1032 – 1035.

- (xiv) A.O. Ogunfowokan., Torto N. Adenuga A.A. and Okoh E.K. (2006) Survey of Levels of Phthalate Ester Plasticizers in a Sewage Lagoon Effluent and a Receiving Stream. *Environmental Monitoring and Assessment* (The Netherland). 118:457-480.
- (xv) Torto N., Lesego C. Mnualefe, J.F. Nwatseteza, Bonang N., Chimuka L., Nindi M.M., Ogunfowokan A.O., (2007): Sample preparation for chromatography: An African perspective. **Journal of Chromatography A.** (USA) 1153, 1-13.
- (xvi) Adenuga A.A, Ogunfowokan A.O., Torto N. and Okoh E.K. (2007) Levels of Mn, Fe, Ni, Cu, Zn and Cd., in effluent from a Sewage Treatment Oxidation Pond and a Receiving Street. A preliminary study. **Ife Journal of Science** (Nigeria) 9 (1): 115-128.
- (xvii) Ogunfowokan A.O., Durosinmi L.M., Oyekunle J.A.O. Ogunkunle, O.A. and Igbafe, I.T. (2007): Removal of Heavy Metals from Industrial Wastewaters using Local alum and other Conventional Coagulants – A comparative Study. **Ife Journal of Science** (Nigeria) 9(2) 185-190.
- (xviii) Ogunfowokan A.O., Adenuga A.A., Torto N. and Okoh E.K. (2008): Heavy Metals Pollution in a Sewage Treatment Oxidation Pond and the Receiving Stream of the Obafemi Awolowo University, Ile-Ife, Nigeria. **Environmental Monitoring and Assessment.** (Tge Netherland) 143:25-41.
- (xix) Ogunfowokan A.O., Kaisam J.P. and Balogun M.O. and Adelusola K.A. (2008) Analysis of Cd, Cu, Pb, Zn, Hg and Mn in kidneys and liver from human cadavers – A case study in South Western Nigeria. **Toxicological & Environmental Chemistry.** UK 90(4), 653-662.
- (xx) Ogunfowokan A.O., Oyekunle J.A.O., Amusa N.A., Babarinde N.A., Akinyemi A.J. and Onijamah K.A. (2008) Quality of some commonly consumed “Pure” and Bottled Waters in Ago Iwoye Ogun State. A comparative study. **Ife Journal of Science** (Nigeria) 10(1), 45-51.
- (xxi) Oluyemi E.A., Feuyit, G. Oyekunle, J.A.O. and Ogunfowokan A.O. (2008): Seasonal variations in heavy metal concentrations in soil and some selected crops at a landfill in Nigeria. **African Journal of Environmental Science and Technology**, 2(5), 435-449.
- (xxii) Ogunfowokan A.O., Kaisam J.P. and Balogun M.O. (2009): Study of trace elements in urine of some Nigerian medical patients. **Toxicological and Environmental Chemistry.** UK. 91 (3), 435-449.
- (xxiii) Ogunfowokan A.O., Obisanya J.F. and Ogunkoya O. O. (2009): Assessment of Chemical Quality of three Streams under different Agricultural Land System in Obafemi Awolowo University, Ile-Ife, Nigeria. **Toxicological and Environment Chemistry.** UK 91 (5), 847-872.
- (xxiv) Babarinde N.A.A., Babalola J.O. Oyesiku, O.O., Ogunfowokan.A.O. and Onabanjo A.C. (2009): Kinetic, equilibrium and thermodynamic studies of the biosorption of cadmium (II) from solution by *Stereophyllum radiculosum*. **Toxicological and Environmental Chemistry.** Uk 91(5), 911-922.

- (xxv) Ogunfowokan A.O., Oyekunle J.A.O., Durosinmi L.M., Akinjokun A.I. and Gabriel O.D. (2009): Speciation Study of Lead and Manganese in Roadside Dusts from Major Roads in Ile-Ife, South Western Nigeria – **Chemistry and Ecology**. UK 25(6), 405-415.
- (xxvi) Ogunfowokan A.O., Ajibola R.O. and Akanni M.S. (2010) Physico-chemical Quality and Trace Metal of Municipal Water From Three Reservoirs in Osun State Nigeria. **Asian Journal of Water, Environment and Pollution** (Indian 7(4), 49-62.
- (xxvi) Oyekunle J.A.O. Ogunfowokan A.O., Torto N. and Akanni M.S. (2011): Determination of organochlorine pesticides in the agricultural soil of Oke-Osun farm settlement, Osogbo, Nigeria – **Environmental Monitoring and Assessment** (The Netherlands), 177:51-61.
- (xxviii) Ogunfowokan A.O., Akanni M.S., Ajibola R.O. and Ayinde F.O. (2011): Trophic Status and Physicochemical Parameters of Three Reservoirs in Osun State Nigeria. **Ife Journal of Science** 13(1), 27-44.
- (xxix) Oyekunle J.A.O. Ogunfowokan A.O., Torto N. and Akanni M.S. (2011): Levels of Heavy Metals in Agricultural Soils of Oke-Osun Farm Settlement Osogbo, Nigeria. *Journal of International Environmental Application and Science*. 6(4), 483-496.
- (xxx) Yahaya M.I. Ogunfowokan A.O., and Orji E.O. (2011). Elemental profile in amniotic fluid of some Nigerian pregnant women. **East Afr. J. Public Health** 8(2):92-7.
- (xxxi) Ogunfowokan A.O., Oyekunle J.A.O. Torto N. and Akanni M.S. (2012): A study on persistent organochlorine pesticides residues in fish tissues and water from an agricultural fish pond. **Emirates Journal of Food and Agriculture, Emir J. Food Agric.** 2012. 24(2): 165-184.
- (xxxii) **Oyekunle, J.A.O.**, Adekunle, A.S., Ogunfowokan, O.A., Akanni, M.S. and Coker, O.S. (2012). Agama Lizard: A Potential Biomarker of Environmental Heavy Metal Pollution Assessment, *African Journal of Environmental Science and Technology*, 6(12): 458 - 463.
- (xxxiii) A.A. Okoya, N. Torto, **A.O. Ogunfowokan**, O.I. Asubiojo, (2013) Organochlorine pesticide residues in soils of major cocoa plantation in Ondo State, Southwestern Nigeria”, *African J. Agric Research* 8 (2013) 3842-3848,
- (xxxiv) A.A. Okoya, **A.O. Ogunfowokan**, O.I. Asubiojo, N. Torto (2013): Organochlorine pesticide residues in rivers of the cocoa plantations in Ondo State, Southwestern Nigeria”, *ISRN Soil Science* ISSN/EISSN: 2090875X. DOI: 10.1155/2013/131647.
- (xxxv) J.A.O. Oyekunle, A.S. Adekunle, **A.O. Ogunfowokan**, M.S. Akanni, W.O. Doherty and A.B. Adeyinka (2013) Effects of water quality on degumming crude nonconventional vegetable oils. *Journal of Food Processing and Preservation*, 37 (5) 424-431, October 2013.
- (xxxvi) **A.O. Ogunfowokan**, J. F. Obisanya and O.O. Ogunkoya (2013): Salinity and sodium hazards of three streams of different agricultural land use systems in Ile-Ife, Nigeria. *Appl Water Sci.* 3:19-28; DOI 10.1007/s13201-012-0053-2
- (xxxvii) Oyekunle, J.A.O., **Ogunfowokan, O.A.**, Adekunle, A.S., Akanni, M.S., Doherty, W. and Abraham, D.O. (2013). Physico-chemical quality of some commonly consumed stimulants and spices in Nigeria, *Scientific Research and Essays*, 8(2): 75 - 81.

- (xxxviii) **Ogunfowokan, O.A.**, Oyekunle, J.A.O., Olutona, G.O., Atoyebi, A.O. and Lawal, A. (2013). Speciation Study of Heavy Metals in Water and Sediments from Asunle River of the Obafemi Awolowo University, Ile-Ife, Nigeria, *International Journal of Environmental Protection*, 3(3): 6 - 16.
- (xxxix) Oyekunle, J.A.O., Adekunle, A.S., **Ogunfowokan, A.O.** Akanni, M.S. Doherty, W.O. and Adeyinka, A. B. (2013). Effects of Water Quality on Degumming Crude Nonconventional Vegetable Oils, *Journal of Food Processing and Preservation*, 37(5): 424 - 431 (Wiley, Germany).
- (xL) Oyekunle, J.A.O. Adekunle, A.S. **Ogunfowokan, A.O.** Durosinmi, L.M. Adelowotan, O. and Oyeku, O.T. (2014). Speciation Study of Heavy Metals in Soil within the Vicinity of a Metal Recycling Factory at Ile-Ife, Southwestern Nigeria, *Journal of Advances in Chemistry*, 7(1): 1141-1159.
- (xLi) Adekunle, A.S., Oyekunle, J.A.O., Oluwafemi, O.S., Joshua, A. O., Makinde, W.O., **Ogunfowokan, A.O.**, Eleruja, M.A. and Ebenso, E.E. (2014). Comparative Catalytic Properties of Nickel Hydroxide and Nickel Oxide Nanoparticles towards the Degradation of Nitrite and Nitric Oxide Using Spectrophotometric Approach, *International Journal of Electrochemical Science*, 9: 3008-3021.
- (xLii) Yahaya M. I, Ogunfowokan, A.O. and Orji, E.O. (2014): Essential and Non-Essential Metals Profile in Blood of some Nigerian Pregnant Women J. Appl. Sci. Environ. Manage. <http://dx.doi.org/10.4314/jasem.v18i4.14>; Vol. 18 (4) 653 – 659.
- (xLiii) Olutona, G.O., Alagbe, O.A., Oyekunle, J.A.O. and **Ogunfowokan, A.O.** (2013). Trace Metals Assessment of Groundwater in Parts of Iwo Southwestern Nigeria Using Flame Atomic Absorption Spectrometry and Very Low Frequency Electromagnetic Methods, *Chemical Science Transactions*, 3(3): 885-896.
- (xLiv) Oyekunle, J.A.O., Adekunle, A.S., **Ogunfowokan, A.O.**, Olutona, G.O. and Omolere, O.B. (2014). Bromate and trace metal levels in bread loaves from outlets within Ile-Ife metropolis, Osun State, Nigeria, *Toxicology Reports*, Elsevier, 1: 224-230.
- (xLv) Adekunle, A.S., Oyekunle, J.A.O., Baruwa, S.O., **Ogunfowokan, A.O.** and Ebenso, E.E. (2014). Speciation Study of the Heavy Metals in Commercially Available Recharge Cards Coatings in Nigeria and the Health Implications, *Toxicology Reports*, Elsevier, 1: 243-251.
- (xLvi) Umukoro, E.H., Oyekunle, J.A.O., Owoyomi, O., **Ogunfowokan, A.O.** and Oke, I.A. (2014): Adsorption characteristics and Mechanisms of plantain peel charcoal in removal of Cu(II) and Zn(II) ions from Wastewaters, *Ife Journal of Science*, 16 (3): 365-376.
- (xLvii) Abolanle S. Adekunle, Seonyane Lebogang, Portia L. Gwala, Tebogo P. Tsele, Lukman O. Olasunkanmi, Fayemi O. Esther, Diseko Boikanyo, Ntsoaki Mphuthi, John A. O. Oyekunle, **Aderemi O. Ogunfowokan** and Eno E. Ebenso (2015): Electrochemical response of nitrite and nitric oxide on graphene oxide nanoparticles doped with Prussian blue (PB) and Fe₂O₃ nanoparticle. *RSC Adv.* 5, 27759
- (xLviii) Adeyeye O.F., Olabanji I.O. and **Ogunfowokan A.O.** (2016): Chemical Fractionation of Heavy Metals in Surface Runoff and Associated Sediments of Ile Ife and Oshogbo Township. *International Journal of Environmental Protection.* 6 (1) 47-61.

- (xLix) Olutona G. O., Oyekunle J.A.O. and **Ogunfowokan A.O.** (2016): Assessment of Polybrominated diphenyl ethers in Sediments of Asunle Stream of the Obafemi Awolowo University, Ile Ife, Nigeria. *Environ. Sci. Pollut Res.* 23:21195-21205.
- (L) Akinjokun A.I., Ojumu T.V. and **Ogunfowokan A.O.** (2016): Biomass, Abundant Resources for Synthesis of Mesoporous Silica Material. *Intech open Science*.
<http://dx.doi.org/10.5772/63463>.
- (Li) Olutona G.O., Oyekunle J.A.O. **Ogunfowokan A.O.** and Fatoki, O.S. (2017): Concentrations of polybrominated Diphenyl Ethers (PBDEs) in Water from Asunle Stream, Ile-Ife, Nigeria. *Toxics* 5, 13. DOI:[10.3390/toxics5020013](https://doi.org/10.3390/toxics5020013).
- (Lii) Aderemi T.A., Adenuga A.A., Oyekunle, J.A.O. and **Ogunfowokan A.O.** (2017): High Level Leaching of heavy metals from colourful ceramic foodwares: a potential risk to human. *Environmental Science and Pollution Research*, DOI 10.1007/s11356-017-9385-7
- (Liii) Obisanya J. F., Oyekunle J. A. O., **Ogunfowokan A. O.** and Fatoki O.S. (2018) Evaluation of biodiesel potential of a sewage sludge. *International Journal of Environment and Waste Management*. Vol. 22, Nos. 1/2/3/4. 61-73
- (Liv) Oyekunle J.A.O., Adekunle A.S., Ayinde A.R., Dawodu M.O., **Ogunfowokan A.O.**, Oyinloye J.A. and Ogunwale T.O. (2018) Determination of Potentially Toxic Metals in Over-the-Counter Pediatric Drugs and Commonly Consumed Beverages in Nigeria: A Health Concern. *Advances in Clinical Toxicology* 3 (2) 1-9 (000133)
- (Lv) Godwin O. Olutona, John A.O. Oyekunle, **Aderemi O. Ogunfowokan**, Olalekan S. Fatoki and Abolanle S. Adekunle (2019): Concentration and Distribution of Polybrominated Diphenyl Ethers (PBDEs) in the Dumpsite Soil of the Obafemi Awolowo University, Ile Ife, Nigeria. *The Journal of Solid Waste Technology and Management- Volume 45, Number 1*, 57-67(11) DOI: <https://doi.org/10.5276/JSWTM.2019.57>
- (Lvi) Ibukun Modupe Adesiyon, Mary Bisi-Johnson, Omolara Titilayo Aladesanmi, Anthony I Okoh, and Aderemi Okunola Ogunfowokan (2018) Concentrations and Human Health Risk of Heavy Metals in Rivers in Southwest Nigeria J Health Pollution 19: 180907**
- (Lvii) Ibukun M. Adesiyon, Mary A. Bisi-Johnson, **Aderemi O. Ogunfowokan**, Anthony I. Okoh (2019): Incidence and antimicrobial susceptibility fingerprints of *Plesiomonas shigelloides* isolates in water samples collected from some freshwater resources in Southwest Nigeria *Science of the Total Environment*. 665: 632–640
- (Lviii) **A. O. Ogunfowokan**, A. S. Adekunle, B. A. Oyebode, J. A. O. Oyekunle, A. O. Komolafe and G. O. Omoniyi-Esan (2019) Determination of Heavy Metals in Urine of Patients and Tissue of Corpses by Atomic Absorption Spectroscopy -*Chemistry Africa*
<https://doi.org/10.1007/s42250-019-00073-y>
- (Lix) J.A.O. Oyekunle , N.A. Yussuf, S.S. Durodola , A.S. Adekunle, A.A. Adenuga, O. Ayinuola,, **A.O. Ogunfowokan** (2019): Determination of polycyclic aromatic hydrocarbons and potentially toxic metals in commonly consumed beef sausage roll products in Nigeria. *Heliyon* 5 e02345

- (Lx) John Adekunle Oyedele Oyekunle, Solomon Sunday Durodola, Fehintola Folakemi Oguntade, Abolanle Saheed Adekunle, Wasiu Oladotun Makinde, Saheed Eluwale Elugoke, Adeniyi Jide Oyinloye, **Aderemi Okunola Ogunfowokan** (2019): Health Risk Assessment of Potentially Toxic Metals in Differently Packaged Soft Drinks and Malt Products Commonly Consumed in Nigeria. *Colloid and Surface Science* 4(2): 17-23
<http://www.sciencepublishinggroup.com/j/css>. doi: 10.11648/j.css.20190402.11
- (Lxi) Adeniyi Abiodun Adenugaa, Olawole Ayinuola, Ebuloluwa Aderonke Adejuyigbe, **Aderemi Okunola Ogunfowokan** (2020): Biomonitoring of phthalate esters in breast-milk and urine samples as biomarkers for neonates' exposure, using modified quechers method with agricultural biochar as dispersive solid-phase extraction absorbent. *Microchemical Journal* 152: 104277
- (Lxii) Godwin O. Olutona, John A.O. Oyekunle, **Aderemi O. Ogunfowokan** (2020): Elemental Pollution Status of a University Dumpsite Soil in Ile-Ife, Nigeria. *The Journal of Solid Waste Technology and Management* 46 (2) 239-251
- (Lxiii) Obisesan, O.R., Adekunle, A.S., Oyekunle, J.A.O., **Ogunfowokan A.O.**, Olaniran O., Thomas S., Nkambule, T.T.I. and Mamba, B.B. (2020): Catalytic degradation of β -hematin (malaria biomarker) using some selected metal oxide nanoparticles. *Mater. Res. Express* 7 (2020) 015044. <https://doi.org/10.1088/2053-1591/ab6645>
- Lxiv Oyekunle J.A.O., Afolabi, F.P., Okewale, F.O., Adekunle, A.S., Adenuga, A.A., Adeleye, A.O., Ogunfowokan, A.O. and Fagbemi, J.O. (2020): Exposure to Polycyclic Aromatic Hydrocarbons through consumption of some popular soft drink products in Nigeria. *Ife journal of Science* ol. 22, no 2 (2020). <https://dx.doi.org/10.4314/ijs22i22.16>
- (Lxv) **Aderemi O Ogunfowokan (PhD)** (2009) Editorial, *Toxicological & Environmental Chemistry*, 91:5, 797-797, DOI: 10.1080/02772240903161960
To link to this article: <http://dx.doi.org/10.1080/02772240903161960>
- (Lxvi) Ibukun M. Adesiyun, Mary A. Bisi-Johnson, **Aderemi O. Ogunfowokan** & Anthony I. Okoh (2021): Occurrence and antibiogram signatures of some *Vibrio* species recovered from selected rivers in South West Nigeria. *Environmental Science and Pollution Research* <https://doi.org/10.1007/s11356-021-13603-4>
- (Lxvii) Adebola Iyabode Akinjokun, Leslie Felicia Petrik, **Aderemi Okunola Ogunfowokan**, John Ajao and Tunde Victor Ojumu (2021): Isolation and characterization of nanocrystalline cellulose from cocoa pod husk (CPH) biomass wastes. *Heliyon* 7 e06680. **Volume 7, Issue 4.** <https://doi.org/10.1016/j.heliyon.2021.e06680>
- (Lxviii) Ogunwale T. O., Ogar P. A., Kayode G. F., Salami K. D., Oyekunle J. A. O., **Ogunfowokan A. O.**, Obisanya J. F. and Akindolani O. A. (2021): Health Risk Assessment of Heavy Metal Toxicity Utilizing Eatable Vegetables from Poultry Farm Region of Osun State. *Journal of Environment Pollution and Human Health*. Vol. 9, No. 1, 6-15 Available online at <http://pubs.sciepub.com/jephh/9/1/2>; DOI:10.12691/jephh-9-1-2
- (Lxix) Ogunwale, O.T., Oyekunle, J. A. O., **Ogunfowokan, A. O.** and Oluwalana A. I. (2021): Seasonal Appraisal of Heavy Metal Bioaccumulation in *Amaranthus*, *Grutya-stalked Jatropha*, *Scent Leaf*, *Bitter Leaf* and *Water Leaf* in Some Poultry Farms within the State of Osun, Southwest Nigeria. *Applied Ecology and Environmental Sciences*, 2021, Vol. 9, No. 5, 541- 549; <http://pubs.sciepub.com/aees/9/5/5>. DOI:10.12691/aees-9-5-5.

- Lxx Oyinloye, J.A., Oyekunle, J.A.O., **Ogunfowokan, A.O.**, Msagati, T., Adekunle, A.S., Nety, S.S. (2021), Human health risk assessments of organochlorine pesticides in some food crops from Esa-Oke farm settlement, Osun State, Nigeria, *HELIYON*, <https://doi.org/10.1016/j.heliyon.2021.e07470>.
- Lxxi John A. O. Oyekunle, Funmilayo P. Afolabi, Adeniyi A. Adenuga, Abolanle S. Adekunle, Sylvester C. Mbaïke, Solomon S. Durodola and **Aderemi O. Ogunfowokan** (2022): Determination of levels of Polycyclic Aromatic Hydrocarbons in the smoke Fractions of popular cigarette Brands commonly available in Nigeria. *Chemistry Africa*; <https://doi.org/10.1007/s42250-021-00301-4>
- Lxxii B. A. Oyeboade, **A.O. Ogunfowokan**, T. A. Esan, S.B. Aregbesola, J.A.O Oyekunle A.S. Adeunle, E.O Oziegbe (2022): Evaluation of Trace Element Concentrations in Human Teeth as Indicator of Environmental Contamination *Ife Journal of Science* 24 (3) 2022. <https://dxdoi.org/10431/ijs.24i331>
- Lxxiii Taiwo Ogunwale, John Adekunle O. Oyekunle, **Aderemi O Ogunfowokan**, Simeon O. Oyetola and Oluwaseun Femi Ogunrinola (2023): Cropland Bioaccumulation Risk of Potentially Toxic Elements in Soil of Some of Designated Foodstuffs Cultivated in Odu'a Farm Establishment, Aawe, Oyo State, Nigeria *Global Journal of Science Frontier Research: D Agriculture and Veterinary*, 23 (1) Version 1.0. ISSN :229460x PPrint ISSN: 0975587X
- Lxxiv A. I. Akinjokun, **A. O. Ogunfowokan**, · J. Ajao., L. F. Petrik, and T. V. Ojumu (2023) : Template-free conversion of rice husk silica into nano-zeolite X and its application in adsorption of heavy metal ions *International Journal of Environmental Science and Technology* <https://doi.org/10.1007/s13762-023-05076-4>
- Lxxv John A. O. Oyekunle, Solomon S. Durodola, Oluwakemi O. Tovideb, Allen A. Olorunkosebic, Ebunoluwa O. Olufisayo, Abolanle S. Adekunle and **Aderemi O. Ogunfowokan** (2023): Ionic solvent-mediated electrolytic decontamination of pesticide-containing wastewater. *Water Practice & Technology* Vol 18 No 11, 2809 doi: 10.2166/wpt.2023.181
- Lxxvi Awokoya, K. N. , Oninla, V. O. , Akindoyin, G. O. , Famojuro, A. T. , Fakola, E. G. , Taleat, A. A. T. , and **Ogunfowokan, A. O.** (2024) EXPERIMENTAL AND COMPUTATIONAL STUDIES ON CORN-SILK DOPED MOLECULAR IMPRINTED POLYMER FOR THE SEQUESTRATION OF CRYSTAL VIOLET FROM AQUEOUS SOLUTION. *Ife Journal of Science* vol. 26, no. 2 <https://dx.doi.org/10.4314/ijs.v26i2.4>
- Lxxvii Omolara Josephine Fagbemi, **Aderemi Okunola Ogunfowokan**, John Adekunle O. Oyekunle, Francis Cheng, Leo Deobald & Ruth Olubukola A. Adelagun (2024): Distribution and Risk Assessment of Phthalate Esters in Refuse Dumpsite Soils of Obafemi Awolowo University, Ile-Ife, Nigeria. *Soil and Sediment Contamination: An International Journal*, DOI: 10.1080/15320383.2024.2371602
- Lxxviii K. N. Awokoya, V. O. Oninla, **A. O. Ogunfowokan**, C. O. Adekoya & A. I. Akinjokun (2024): Synthesis & Characterization of Styrene-divinyl based Molecularly Imprinted Polymer for the Remediation of Phthalate Contaminated Wastewater. *Ghana Journal of Science* **65** (1) <https://dx.doi.org/10.4314/gjs.v65i1.6>

Lxxix J.O. Fagbemi, J.A.O. Oyekunle, **A.O. Ogunfowokan**, I.F. Cheng, L. Deobaki (2024): Phthalate Esters in Water and Sediment of Asunle Stream of Obafemi Awolowo University, Ile-Ife, Nigeria: Distribution and Human Health Risks, HELIYON, <https://doi.org/10.1016/j.heliyon.2024.e34748>

LXXX Oluwakemi O. Tovide, John A.O. Oyekunle, Odunayo T. Ore, BukolaA. Oyebode, Elizabeth O. Mozeri, Abolanle S. Adekunle, Oluwasegun Oluwarotimi, **Aderemi O. Ogunfowokan**, Adebayo O. Eludoyin (2025): Speciation Studies of Potentially Toxic Elements within the Vicinity of Major Dumpsites in Ile-Ife, Osun State, Nigeria. Journal of Trace Elements and Minerals. Available online 1 January 2025, 100210. <https://doi.org/10.1016/j.jtemin.2025.100210>.

(c) **Manuscripts accepted for publication** (Number continuous with 3(b), format as in 3(a) only. NIL

4. Published non-refereed conference proceedings... (Numbering and Format as in 3(a).; Nil.

5. Manuscripts submitted for publication

6. Creative work (Arts exhibition, play production: Nil

7. Technical Reports: Reports on the qualitative assessment of questionable ammonia gas supplied to the International Breweries PLC Ilesa, February2002

(8) Papers and Works under preparation

(i) Ogunfowokan A.O., Ogundele K.T and Falade O.S. Nutritional Status of Some commonly consumed Beverages and Tea in Nigeria.

(ii) Akinnifesi, T.A. Ogunfowokan A.O., Asubiojo I.O. and Okonkwo O.J. Free Fatty acid levels in Surface and Municipal Waters of Nigeria.

(iii) Akinnifesi T.A. Ogunfowokan A.O., Asubiojo I.O. and Okonkwo, O.J. Procedural technique for the analysis of free fatty acids in surface water and sediment matrices.

(9) Published Edited Conference Proceeding:

(i) **Ogunfowokan A.O.**, and Asubiojo O.I. Determination of Polycyclic Aromatic Hydrocarbons in Surface runoff and Sediment (The 9th International Chemistry Conference in Africa Arusha, Tanzania, University of Dar es Salaam press Dar es Salaam Tanzania pp. 217-224.

F. PROFESSIONAL ACCOMPLISHMENT:

(a) **Guest Editor**, Toxicological and Environmental Chemistry (Taylor and Francis UK) (2009)

(b) I have attracted foreign scientific visitors to the Department of Chemistry to give Scientific Lectures to the University Community, and have initiated collaborative researches in Overseas:

(i) Fatoki O.S. Potential Endocrine Disrupting Chemicals in Aquatic Environment (2006)

(ii) Torto N. Sampling handling strategies for biotechnological and Environmental Samples (2008)

- (c) I have obtained overseas fellowship and grants (including Travel Awards) for four (4) of my postgraduate students (1 M.Sc and 3 PhDs) for a period of three months each to enable them complete their post-graduate programmes.
- (d) Secretary, Chemical Society of Nigeria (Osun State Chapter) (2007-2011) and Secretary, Local Organizing Committee of the 1st Annual International Conference of the Chemical Society of Nigeria, Osun State Chapter (2008).
- (e) Review of Manuscripts for Scientific Journals both Locally and Internationally:
- (1) Ife Journal of Science, Nigeria; (2) Environtropical, Nigeria; (3) African Journal of Environmental Science and Technology; (4) International Journal of Environmental Health Research (Taylor and Francis UK) (Aderemi O. Ogunfowokan (2009): Editorial Toxicological & Environmental Chemistry Vol. 91, NO. 5, July 2009, 797). (6) Journal of Medicinal plant Research; (7) Journal of Environmental Management (USA). (8) Inderscience (9) Electronic Journal of e-Learning, Reading England (UK) (10) Ife Journal of Technology (11) Environmental Monitoring and Assessment (Springer) (The Netherland), (12) Biological Trace Element Research (Springer), (UK) (13) Journal of International Environmental Application and Science(Turkey) etc.
- (f) **Editor-in-Chief, Ife Journal of Science (2017 to 2021) –Publisher- African Journal Online (AJOL)**

G. Conference attended and dates

- (i) Conference on Quality Management Organized by Quality Control Society of Nigeria (QCON) in collaboration with Center for Industrial Research and Development (CIRD), Obafemi Awolowo University, Ile-Ife, Nigeria. September 22-25(1991).
- (ii) Joint EBC Project Workshop on Environmental Monitoring and Impact Assessment and Energy Matter plan for rural development. Held at Obafemi Awolowo University, Ile-Ife, Nigeria 6th-10th April, 1992.
- (iii) Sigma XI, The Scientific Research Society Villanova University Chapter Poster Session held at Villanova University, Villanova PA 19085 (February, 22nd 1995).
Poster Presented Ogunfowokan, A.O., Asubiojo, I.O. Foley J.P. and Abuja, E.S. Determination of Polycyclic Aromatic in Runoff and Sediments: Method Development.
- (iv) The American Chemical Society, 29th Middle Atlantic Regional Meeting held at the America University Washington D.C. U.S.A. 24th-26th May, 1995.
Paper presented Ogunfowokan A.O. Asubiojo, I.O. Oluwole A.F. and Folley J.P. Determination of Polycyclic Aromatic Hydrocarbon in Sediments and run-off of Lagos by Extraction and GC-MS.
- (v) The Chromatographic forum of Delaware Valley Poster Session held at Dignazio's Town House Media, Pennisylvania, U.S.A.

(15th June, 1995). Poster Presented: Ogunfowokan A.O., Asubiojo, I.C. Oluwole, (15th June, 1995). Poster Presented Ogunfowokan A.O.. Asubiojo, I.O. Oluwole, A.F., Abuja E.S. and Foley J.P. A Preliminary investigation of Trace Organics in Moses of Osun State Nigeria.

(vi) Fourth European Conference on Ecotoxicology and Safety held at Universit De Metz France, 25-28 August 1996.

(vii) Chemical Society of Nigeria 25th International annual conference (CANAAAN 2002) held at 23rd – 27th September, 2002.

Paper presented Ogunfowokan A.O., and Asubiojo O.I.: Determination of trace metal ions in surface runoff and sediments by capillary electrophoresis and atomic absorption spectrometry.

(viii) Workshop on separation and Spectroscopic techniques in Natural Product Research, Pharmaceutical Analysis and Synthesis. Held at Conference Centre Obafemi Awolowo University, Ile-Ife, Nigeria 14th – 16th October 2002.

Paper presented Ogunfowokan A.O.: Analytical chromatographic methods (As a resource fellow).

(ix) Inaugural Conference Southern and Eastern African Network of Analytical Chemists (SEANAC) held at Gaborone Sun Hotel and University of Botswana 7th – 10th July, 2003. Paper presented: Ogunfowokan A.O., Asubiojo O.I., Okoh E.K. and Adenuga A.A.: An assessment of the impact of point source pollution from a sewage treatment oxidation pond on a receiving stream.

(x) Workshop on book writing and production for the use of students held at Ogunbanjo Community Centre, Obafemi Awolowo University, Ile-Ife, Nigeria (12th to 13th February 2004).

(xi) Science Association of Nigeria (SAN) 40th Annual Conference held at University of Ibadan, Ibadan Nigeria 21st – 25 March 2004. Paper presented: Ogunfowokan A.O Morakinyo, M.K. Agboola, O.S. and Durosinmi, L.M. Levels of Lead and Cadmium in some Nigeria Confection wrappers.

(xii) Nigerian Society for Environmental Management 2nd Annual General Meeting and 1st annual conference held at Conference Centre Obafemi Awolowo University, Ile-Ife, Nigeria. May 12-13, 2004, Paper presented: Nil.

(xiii) The 9th International Chemistry Conference in Africa held at Arusha International Conference Centre, Arusha, Tanzania. 2nd – 7th August 2004.

Paper presented: Determination of Polycyclic Aromatic Hydrocarbons in Surface Runoff and Sediments.

(xiv) THE CHEMRAWM XII WORKSHOP on Chemistry, Sustainable Agriculture and Human Well-being in Sub-Saharan Africa Held at ARUSHA, TANZANIA 7th August 2004.

(xv) Workshop on proposal writing, budgeting and Fundraising Fundamentals organized by Directorate of Linkages and sponsored Research Obafemi Awolowo University in partnership with CARNEGIE Corporation of New York, held at Floor “O” of the Secretariat Building OAU Ife 19th – 21st July, 2005.

- (xvi) 1st Annual International Conference of the Chemical Society of Nigeria. Osun State Chapter held at the Conference Centre, Obafemi Awolowo University, Ile-Ife, Nigeria. Theme: “The role of Chemistry in Industry, Environmental Health and National Development (July 27-29, 2008).
- (xvii) 2nd annual conference of the Institute of Ecology and Environmental Studies, OAU. Theme: Your Planet needs you? Unite to combat climate change. Held at Oduduwa Hall, Obafemi Awolowo University, Ile-Ife, Nigeria (9th – 11th June, 2009). ‘Supercritical Fluid extraction and Soxhlet extraction for the determination of Organochlorine in Soil – A comparative study.
- (xviii) Chemical Society of Nigeria 33rd Annual International Conference Abeokuta, Nigeria held at Abeokuta, Nigeria - 24th September, 2010.

Paper presented J.A.O. Oyekunle, A.O. Ogunfowokan, M.S. Akanni and N. Torto (2010): Levels of Organochlorine Pesticide Residues in the Pond Sediments from Oke-Osun Farm Settlement, Osogbo, Nigeria.

- (xix) Training workshop on Basic principles of Air Quality monitoring and emission inventories Jointly organized by the Atmosphere Research and Information analysis laboratory (OAU), Centre for Energy research and development (OAU) and Nigeria Atomic Energy Commission (NAEC), Abuja Nigeria.

Paper presented: Ogunfowokan A.O. (2010): Flame Ionization and related detection methods for trace Gases monitoring and applications (As a recourse fellow):

- (xix) Environmental Management Conference 2011 held at University of Agriculture, Abeokuta, Nigeria (September 12-15, 2011).

Paper Presented Seasonal Mean Levels of heavy metals in Water and Associated Bed Sediment from Ajawere River in Oke-Osun Farm Settlement, Osogbo, Nigeria.

- (xx) 34th Annual International Conference, Workshop and Exhibition of the Chemical Society of Nigeria (2011). Theme: Chemistry and the Millenium Development Goals, held at University of Ilorin, Ilorin, Nigeria (19th – 23rd September, 2011).

H. CURRENT RESEARCH ACTIVITIES

- (i) Determination of Organotin and Organolead in Sediments, Fish and Water of Lagos Harbour, Lagos.
- (ii) Trophic Status and Heavy Metal Speciation study of water of Lagos Harbour Lagos.
- (iii) Kinetics study and Synthesis of imprinted polymers for selective removal of phthalate esters from industrial waste waters.

I. OTHER RELEVANT INFORMATION

1. Services within the Department

- (a) Review of provision of Guide answers to Introductory Chemistry Tutorial Questions (I) and (II) CHM 101 and CHM 102) 1992.
- (b) Department Library Officer, (1993-1994).

- (c) Departmental Class Adviser/Coordinator, (1996-2001)
- (d) Departmental Secretary |(1997-2000)
- (g) Chairman, Departmental Post Graduate Committee (2009-2012.)
- (h) Head Department of Chemistry (2012-2015)

2. Services within the Faculty

- (a) Member Faculty of Science Examination Vetting Committee (1998-2001)
- (b) Member Faculty of Science Interdepartmental Seminar/Symposium (2004)
- (c) Member Faculty Week Planning Committee, Faculty of Science (2004)
- (d) Member Faculty of Science Review Panel (2005)
- (e) Member Faculty of Science Selection Panel (2008-2009)
- (f) Secretary Faculty of Science Journal Accreditation Committee (2009)
- (g) Chairman, Faculty of Science Faculty Week Planning Committee (2010-2013)
- (h) Chairman, Faculty Laboratories Rehabilitation Committee (2011-2013)
- (i) Member, Faculty of Science Postgraduate Vetting Committee (2010 to date)
- (j) Chairman, Sub-Committee of Deans OAU (2015-2016)
- (k) Dean Faculty of Science Obafemi Awolowo University (OAU), Ile Ife, Nigeria (2015-2017)

3. Services within the University

- (a) Lecturer, Faculty of Education (OAU) Sandwich Degree Programme (1996-1998)
- (b) Internal Examiner: Technologist Training Scheme Obafemi Awolowo University Ile-Ife (1998).
- (c) Associate Staff Institute of Ecology Obafemi Awolowo University, Ile-Ife (1999-2007)
- (d) Representative of Faculty of Science at the Faculty of Social Science Board and Selection Panel (2005).
- (e) Lecturer, Distance Learning, Obafemi Awolowo University Pre-Degree Programme (2003/2004 – 2005/2006 Session, 2010 – to 2012)
- (f) Member of Senate Obafemi Awolowo University, Ile-Ife, Nigeria (Faculty of Science Representative) 2008/2009 and 2009/2010 Sessions till date.
- (g) Member of the Search Team for the new Vice Chancellor, Obafemi Awolowo University, Ile-Ife, Nigeria, 2011.

- (h) Member of Institutional accreditation Committee, Obafemi Awolowo University, Ile-Ife, Nigeria 2011.
- (i) Chairman, Parents Teacher Association of International School, Obafemi Awolowo University, Ile-Ife, Nigeria (2012 to 2016).
- (j) Member, Governing Board of International School, Obafemi Awolowo University, Ile-Ife, Nigeria (2012 to 2016)
- (k) Member, Quality Control and Assurance, Obafemi Awolowo University, Ile-Ife, Nigeria (2012 to date)
- (l) Member of panel investigating the Examination malpractices by some Medical students in the Faculty of Clinical Sciences, College of Health Sciences, Obafemi Awolowo University, Ile-Ife, Nigeria. (2012)
- (m) Head of Department of Chemistry, Obafemi Awolowo University, Ile Ife, Nigeria (2012-2015)
- (n) Dean, Faculty of Science, Obafemi Awolowo University, Ile Ife, Nigeria (August 2015 to 2017)

4. Services outside the University

- (a) External Examiner, (B.Sc. Degrees and Post Graduate Examinations- MSc, PhDs), Department of Environmental Management and Toxicology, Federal University of Agriculture, Abeokuta, Ogun State, Nigeria.
- (b) External Examiner, (Post Graduate Examination M.Sc. and PhD degrees) Department of Chemistry, Rhodes University, Grahamstown, South Africa.
- (c) External Assessor, (PhD Degree) Department of Chemistry, Covenant University, Otta, Ogun State, Nigeria.
- (d) External Examiner, (Post Graduate Examination PhD degrees) Department of Chemistry, Covenant University, Otta, Ogun State, Nigeria.
- (e) External Examiner, Cape Peninsula University of Science and Technology, Cape Town, South Africa (M.Sc. and PhD Degrees)
- (f) External Examiner, (M.Sc. Degrees) Department of Chemistry, University of Ilorin, Ilorin, Nigeria.
- (g) External Examiner, University of Ibadan, Ibadan (M.Sc., M.Phil. and PhD Degrees)
- (h) External Examiner, University of Lagos, Akoka, Lagos (B.Sc. and M.Sc. Degrees)
- (i) External Examiner, The Federal University of Technology, Akure (M.Sc. Degrees)
- (j) External Examiner, Bowen University, Iwo (M.Sc. Degrees)
- (k) External Examiner, Adekunle Ajasin University, Akoko (M.Sc. and PhD Degrees)

- (l) External Examiner, (M.Sc. Degree) Department of Chemistry, Ekiti State University, Ekiti State, Ado Ekiti (M.Sc. degrees).
- (m) External Assessor for Professorial Chairs to many Universities- (UI, UNILAG, FUNAAB Adekunle Ajasin University; Covenant University, Ota; The Gambia University, Gambia, Ondo State University of Science and Technology, University of Medical Sciences, Ondo; University of Ilorin; Osun State University, Osogbo, Osun State,, Ekiti State University; Lagos State University; First Technical University, Ibadan e.t.c) .
- (n) External Examiner, Osun State University, Osogbo, Osun State (Undergraduate Degree)
- (o) External Examiner, Joseph Ayo Babalola University, Ikeji Arakeji (Undergraduate Degree)
- (p) External Examiner, Department of Chemistry, University of South Africa (UNISA) South Africa (PhD Degree)
- (q) External Examiner, Department of Chemistry, University of Johannesburg South Africa (PhD Degree)
- (r) Member of Council, First Technical University, Ibadan Oyo State, Nigeria (March 2018-March 2020)
- (s) Foundation Dean and Visiting Scientist Faculty of Natural Sciences First Technical University, Ibadan Oyo State, Nigeria (September 2017-August 2019)

5. Co-curricular Activities: Reading



Signature and Date: September 6, 2024