

CURRICULUM VITAE



- (a) **Full Name:** EDIAGBONYA, Thompson Faraday
(b) **Title:** Dr.
(c) **Sex:** Male
(d) **Date of Birth:** June 9, 1977
(e) **Place of Birth:** Warri
(f) **State and Local Govt. of Origin:** Edo State, Ovia North East.
(g) **Nationality:** Nigerian
(h) **Permanent Home Address:** 13, Doroh Street, off Udu Road, Ovwian, Delta State
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+2348069066577, +2348175481309
(k) **Marital Status:** Single
(l) **Number of Children:** Nil
(m) **Next of Kin:** Bright Ediaghonya

| (n) Institutions Attended | Dates |
|---|--------------|
| University of Benin, Benin City, Edo State | 2006 – 2011 |
| University of Benin, Benin City, Edo State | 2002 – 2005 |
| University of Benin, Benin City, Edo State | 1995 – 1999 |
| Step-forward Secondary School, warri, Delta State | 1992 – 1993 |
| Ihogbe College, Benin City, Edo State | 1986 – 1992 |
| Obanos Primary School, Benin City, Edo State | 1980 - 1986 |

| (o) Academic qualification Obtained | Dates |
|--|--------------|
| Doctor of Philosophy (Ph.D. Environmental Chemistry) | 2011 |
| Master of Science (M.Sc. Analytical and Environmental chemistry) | 2005 |
| Bachelor of Science Education (B.Sc. (ed) Chemistry) | 1999 |
| O'level Certificate | 1993 |
| First Primary School leaving Certificate | 1986 |

- (p) **Honours and Distinctions:**
The best chemistry teacher, Royal Colleges Ovwian 2007

(q) Membership of Professional Bodies:

| | |
|--|------|
| Member, Nigeria Environmental Society (NES), Benin Chapter | 2014 |
| Member, Chemical Society of Nigeria (CSN), Benin Chapter | 2009 |

(r) Present employment: Ondo State University of Science and Technology, Okitipupa

(s) Working experience:

- i. Ondo State Science and Technology, Okitipupa, Ondo State, Nigeria 2013 till date
- ii. Western Delta University, Oghara, Delta State, Nigeria 2012 to 2013
- iii. Jenny College, Eket, Delta State, Nigeria 2010 to 2011
- iv. University of Benin, Benin City, Edo State, Nigeria 2008 to 2010
- v. Royal College, Ovwian, Delta State, Nigeria 2001 to 2009
- vi. Iragebeji Grammar School, Osun State(NYSC) 2000 to 2001
- vii. Imaguero Grammar School Benin City 1997 - 1998

• **ADMINISTRATIVE DUTIES:**

- Students' Industrial Work Experience Scheme, Departmental Coordinator 2016 till date
- Pre-degree, Assistance Coordinator, Ondo State University of Science and Technology 2016 till date
- Supervisor in UTME examination, Ondo State University of Science and Technology 2016
- Examination Officer, Ondo State University of Science and Technology 2013 to 2015
- Time table officer, Ondo State University of Science and Technology 2013 to 2015
- Departmental Secretary, Ondo State University of Science and Technology 2013 to 2015
- Post UTME Coordinator, Ondo State University of Science and Technology 2015 till date
- Member of Committee on the review and adoptability of Software Programme 2014
- Course adviser 200 level , Ondo State University of Science and Technology 2014
- Course adviser 400 level , Ondo State University of Science and Technology 2015
- CHM 101,104 co-ordinator, Ondo State University of Science and Technology 2015 till date
- National Examination Council(NECO) Supervisor 2006-2007
- Academic inspector, Time table officer, Royal College,Ovwian,Delta State2001 to 2009

(t) Service to the community

- HEALTH IMPACT ASSESSMENT CONSULTANT.

- EER study for OML 30 as contracted by Magill Engineering for SPDC Eriemu field Ughelli North Local Government Area for SPDC.
- Health Impact Assessment (HIA) Studies Ughelli Dumpsite EER for SPDC Contracted by ICF Environquest LTD Lagos – July 2012
- Health (HIA) Studies of Ogonu Recycling plant for SPDC as contracted by LCF Environquest LTD, Lagos – July 2012.
- Health Impact Assessment (HIA) Studies of pipeline project EIA for NNPC running from rivers Delta to Oben in Edo as contracted by Macmera LTD Lagos – September 2011
- Health Impact Assessment (HIA) Studies of OML30 EER for SPDC as contracted by Macquill Engineering & Technical LTD Benin – August 2011
- Health Impact Assessment (HIA) Studies of OML 26 EER for SPDC as contracted by Macquill Engineering & Technical LTD, Benin February 2011.

(u) COURSES TAUGHT

WESTERN-DELTA UNIVERSITY, OGHARA, DELTA STATE

- Co-ordination Chemistry (CHM 403)
- Analytical and Environmental Inorganic Chemistry (CHM203)
- Introductory Organic Chemistry (102) (Jointly taught)
- General Chemistry I (CHM101) (Jointly taught)
- Electrochemistry (CHM 401). (Jointly taught)

ONDO STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY, OKITIPUPA

COURSES TAUGHT:

- Organometallic Compound (CHM520)
- Coordination Chemistry (CHM 511)
- Industrial Chemical Technology (CHM 503)
- Textile and Colour Chemistry (CHM 417)
- Environmental Chemistry (CHM 315)
- Analytical and Environmental Chemistry (CHM218)
- Analytical chemistry (CHM 501) (Jointly taught)
- Organic Synthesis (CHM 519) (Jointly taught)
- Introductory Inorganic Chemistry I (CHM101) (Jointly taught)
- General Chemistry II (CHM102) (Jointly taught)
- Practical Chemistry (CHM 152) (Jointly taught)

- Introductory Organic Chemistry (102) (Jointly taught)
- Introductory Physical Chemistry (CHM 104) (Jointly taught)
- Inorganic Chemistry 1(CHM 215) (Jointly taught)
- Practical Chemistry (CHM 271) (Jointly taught)
- Basic Inorganic Chemistry11 (CHM 216) (Jointly taught)
- Organic Chemistry1 (CHM 213) (Jointly taught)
- Organic Chemistry2 (CHM214) (Jointly taught)
- Instrumental Method of Analysis (314) (Jointly taught)
- Inorganic Chemistry (CHM 302) (Jointly taught)
- Chemistry of Macromolecules (CHM 308) (Jointly taught)

PRE-DEGREE PROGRAMM, ONDO STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY, OKITIPUPA

COURSES TAUGHT:

- Physical and Organic Chemistry CHM 002

(v) Extra-Curricular Activities:

Reading, Playing of Table Tennis, Football and Listening to atmospheric music

(w) Major conferences and workshop attended with date

- Ayedun ,H, and Ediagbonya,T.F (2016) Grounwater quality in okitipupa township of ondo state ,Nigeria.39Th International conference of Chemical society of Nigeria 18Th-23Th September 2016
- Ayedun,,H.,Ediagbonya,T.F and Nwachukwu,P.C (2016) Water sustainability and Risk Assessment:A case of ore groundwater,7Th annual Ibadan sustainable development summit (ISDS) 22-25 August,2016
- Ediagbonya, T. F.;** Ukpebor, E. E; Okieimen, F. E. (2014) Meterology and Particulate matter in Rural Area International Conference of Nigeria Envronmental Society, Delta State 2014. 7th – 9th August, 2014.
- Ediagbonya, T. F.;** Ukpebor, E. E; Okieimen, F. E. (2010). Trace Metal of Atmospheric Aerosol in Rural Area During Wet Season. 33rd Annual International Conference Workshop and Exhibition, OGUN 2010. 20th – 24th September, 2010.
- Ediagbonya, T. F;** Ukpebor E. E; Okiemien F. E. (2012). Trace Metal of Inhalable and Respirable Particulate Matter in Rural Community during Wet Season. 35th

Annual International Conference Workshop and Exhibition, Imo 2012. 10th – 15th October, 2012.

(x) List of publications:

1. **Ediagbonya, T. F**(2016)Enrichment factor of atmospheric trace metal using Zirconium, Titanium, Iron and Copper as reference element. *Nigeria Journal of Technology*.35 (4) 785-795
2. **Ediagbonya, T.F;** Ukpebor, E.E; Okieimen, F.E; Okungbowa, G.E (2016) A Statistical Comparison of spatial and temporal variation of particulate matter (TSP, PM10, PM2.5) in Urban and Rural Areas in Niger Delta Region of Nigeria, *Futa Journal of Science*.12 (1):9-22
3. **Ediagbonya T.F,** Tobin E.A, Olumayede, E.G; Okungbwa, G.E; Iyekowa, O (2016) The Determination of Exposure to Total, Inhalable and Respirable Particles in Welders in Benin City, Edo State. *Journal of pollution control and effect*, 4(1): 152.Doi:10.4172/2375-4397.1000152
4. Tobin E.A, **Ediagbonya T.F,** Okojie O.H, Asogun, D.A (2016) Occupational Exposure to Wood Dust and Respiratory Health Status of Sawmill Workers in South-south Nigeria. *Journal of pollution control and effect*, 4(1): 154.Doi:10.4172/2375-4397.1000154
5. **Ediagbonya, T. F;** Ukpebor E. E; Okiemien F. E. Unuabonah, E.I (2015). The Synergy between Captured Particulate Matter and Metrological Parameter using Polynomial as a model. *Nigeria Journal of Basic and Applied Science*.23(2):103-109 Usman Dan Fodio University
6. **Ediagbonya, T. F;** Tobin, A.E; Ukpebor, E.E; Okieimen, F.E (2015) Impact of Aerosol on Respiratory Symptoms among Adults (above eighteen years) in an urban Area of Nigeria *Scientia Africana Journal*.14(2):1-12 Uniport
7. **Ediagbonya, T. F;** Tobin E. A; Ehidiamen G. Asogun, D.A. Uwidia, I.E (2015). Heterotrophic Bacteria and Selected Heavy Metal in Rainwater Harvesting System in Rural Area. *Biological and Environmental Sciences Journal for the tropics*. 12(2);795-801 Bayerol University
8. **Ediagbonya, T. F;** Nmema E; Nwachuku, P.C; Teniola, O.D. (2015). Identification and quantification of heavy metal coliform and anions in water bodies using enrichment factor and principal components analyses. *J Environ Anal Chem* 2:146 doi:10.4172/jreac.1000146

9. **Ediagbonya, T. F;** Tobin A. E; Ukpebor, E. E; Okieimen, F. E. (2015). Population Survey of Non-specific Respiratory Symptoms of Particulate Matter in Urban and Rural Areas. *Journal of Chemical, Biological, and Physical Science* 5(2):1185-1194
10. **Ediagbonya, T. F.;** Ukpebor, E. E; Okieimen, F. E. (2015) Meterology and Particulate matter in Rural Area. *Nigeria Environmental Society* 9,(1): 185-195.
11. **Ediagbonya, T.F;** Ukpebor E.E; Okiemien, F.E. (2015) Analysis of Seasonal Variation of Particles in Urban Atmosphere. *Nigerian Journal of Scientific Research* 13(2):87-95 ABU
12. **Ediagbonya, T. F;** Tobin A. E Ukpebor E. E; Okiemien F. E. (2014) Prevalence of Respiratory Symptoms among Adult from Exposure to Particulate Matter in Rural Area. *Biological and Environmental Sciences Journal for the tropics.* 11(4);463-466
13. Tobin E.A, **Ediagbonya, T.F.**, Asogun, D.A. Oteri A.J (2014) Assessment of health care waste management practices in primary health care facilities in a Lassa Fever endemic local government area of Edo state, Nigeria. *Afrimedic Journal* 4(2);16-26
14. **Ediagbonya, T. F;** Ukpebor E. E; Okiemien F. E. (2014). Respirable and Inhalable Fractions of Suspended Particulate Matter captured from Oil Producing Community. *International Journal of Environment Application and Science.*9(2):159-167
15. **Ediagbonya T.F.**, Ukpebor E.E., Okieimen F.E(2014) Source Identification of Trace Metal in Total Suspended Particulate Matter *International Journal of Chemical Sciences* 7(2):37-45
16. **Ediagbonya T. F.;** Ukpebor E. E.; Okiemien F. E; Momoh, OL. Yusuf (2014). Elemental Concentration and Source Identification of Inhalable and Respirable Particulate Matter in Urban Area during Wet Season. *J.Appl.Sci.Environ. Manag.* 18(1):87-92.
17. **Tobin, E. A.,** Ediagbonya, T. F., Ehidiamen, G. and Asogun, D. A. (2013) Assessment of rain water harvesting systems in a rural community of Edo State, Nigeria. *International Journal of Public Health and Epidemiology* 5(12):479-487.
18. **Ediagbonya, T. F.;** Ukpebor, E. E; Okiemien F. E; (2013). The Influence of Metrological Parameters on Total Suspended Particulate Matter in Urban Atmosphere of Nigeria during Wet Season. *J.Appl.Sci.Environ.Manag.* 17(4):441-448
19. **Ediagbonya, T. F;** Ukpebor E. E; Okiemien F. E. (2013) Correlation of Meterological Parameters and Dust Particles using Scatter Plot in Rural Community. *Ife Journal of Sci* 15(2):445-453.

20. **Ediagbonya, T. F;** Ukpebor E. E; Okiemien F. E; (2013). Air –borne Particulate Matter Baseline Levels and Distribution in the Urban Town of Sapele. *Nigeria Journal of physical science* 32(2):67-76
21. **Ediagbonya, T. F;** Tobin A.E; Legemah M (2013). Indoor and Outdoor Air Quality in Teaching Hospital. *Journal of International Institute of Sci., Tech & education.*3(10):72-79
22. **Ediagbonya, T.F;** Tobin, A.E; Olumese, E.E; Asagba, U.E; Osarumwense, O.P (2013) Spatial Distribution of Respirable and Inhalable Particulate Matter Concentration in Sawmill, South-South Region of Nigeria. *International Journal of Environmental Skeptics and Critics.* 2(2):63-72.
23. **Ediagbonya, T. F;** Ukpebor E. E; Okiemien F. E.(2012) Heavy Metal in Respirable and Inhalable Suspended Particulate Matter in Urban Atmosphere. *International Journal of Environmental Skeptics and Critics*,2(3): 108-117
24. **Ediagbonya T. F;** Ukpebor E. E.; Okieimen F. E; Okungbowa G. F (2013). Spatio-temporal distribution of inhalable and respirable particulate matter in rural atmosphere of Nigeria. *International Journal of Environmental Skeptics and Critics*, 2(1):20-29.
25. **Ediagbonya T. F.,** Tobin A. E, Asagba, U. E; Akpojivi V. O. (2013). Minute Particles in University of Benin Teaching Hospital, *International Journal of Environmental Issue.* 2 (1): 60-68.
26. **Ediagbonya, T. F;** Ukpebor, E. E.; Okieimen, F. E. (2012). Seasonal Variation of Suspended Particulate Matter in Obaretin (Rural Area) of Edo State, Nigeria. *Chem Tech. Journal* 8(1):156-166.
27. **Ediagbonya T.F;** Tobin A.E; Ukpebor E.E (2010). The level of suspended particulate matter in wood industry (Sawmills) in Benin City Nigeria. *Journal of Environmental Chemistry and Ecotoxicology.* 5(1):1-6.
28. Ekika S.N; Egharevba, O; Omo-Ikerodah E.E; **Ediagbonya F.T (2008).** A comparative Assessment of the Effect of Selected Commercial stimulant on yield performance of Natural Rubber. *J.Chem. Tech*, 4(1):21-25
29. Uwumarongie E.G; Igene H.A; **Ediagbonya T.F (2008).** Assessment of Heavy Metals Contaminated Soil from Automobile Workshop in Benin City. *Chem Tech, Journal* .4(1):90-95.
30. Usifoh C.O, Okunrobo, S; Sanni S.A; Oziegbe F.E; **Ediagbonya T.F (2007).** Ring opening of (1,3-Dioxo-1-3-Dihydroisoindol-2-yl)- Amides and Amines. *J. Chem. Soc. Nigeria.* 32(1):238-244.

IN PRESS

31. **Ediagbonya, T. F.;** Ukpebor, E. E; Okieimen, F. E. (In Press). Analysis of Suspended Respirable and Inhalable Particulate Matter in Rural Community, South-South Region of Nigeria during Dry Season. *Bayero Journal*
32. **Ediagbonya, T.F;** Ukpebor, E.E; Okieimen, F.E; Akpojivi, O.V (In press) Chemical composition of selected trace metal in total suspended particulate matter in Rural Areas. *Scientia Africana*
33. Ogunjobi J.A and Ediagbonya T.F(2016) Enquiries on deposition of environmental contaminant in processed bushmeat along highways in south-western nigeria. *Journal of Forest Science and Environment*
34. Ediagbonya, T.F And Ajayi, O. (under review) The use of x-ray fluorescence in determining the toxic elements in the soil .*Heliyon Journal*
35. Ediagbonya TF, Tobin AE, Ayedun H Olumayede GE(2016) occupational exposure to amospheric trace metals in the vicinity of welder workshop in benin city, Nigeria. *Ife Journal of Science and Technology*
36. Ayedun H., Ediagbonya TF and Nwachuku, P.C(under review) Groundwater quality in ore area of ondo state. *Journal chemical society of Nigeria*
37. Uwidia,I.E.,Ukulu,H.S and Ediagbonya,T.F(2016)Analysis of Suspended solids,Dissolved solids,electrical conductivity of domestic sewage *Bayero Journal*
38. Ediagbonya T.F and Ayedun H(press)X-ray Fluorescence and the Composition of Terrigenous Sediment in Ore and Okitipupa in South West Region.

(y) Referees

1. Professor Felix Okieimen

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Signature.....

Date:.....1-7-2016