

# **CURRICULUM VITAE**

**OF**

**PROFESSOR FELIX EGHAREVBA**

**PROFESSOR OF CHEMISTRY  
DEPARTMENT OF CHEMISTRY  
AMBROSE ALLI UNIVERSITY, EKPOMA  
P.M.B. 14, EKPOMA  
EDO STATE, NIGERIA**

**PERSONAL DETAILS:**

**NAME:** EGHAREVBA, Felix

**ACADEMIC RANK:** Professor

**DATE OF BIRTH:** April 4, 1958

**PLACE OF BIRTH:** Isua, Edo State

**SEX:** Male

**STATE OF ORIGIN:** Edo

**LOCAL GOVERNMENT AREA:** Uhunmwode

**MARITAL STATUS:** Married

**NEXT OF KIN:** Mrs. G. N. Egharevba (wife)  
PAR, Registry, AAU, Ekpoma.

**NUMBER OF CHILDREN:** Three

**CHILDREN:** Jewel Mega Egharevba (Son) 10 years  
Isabel Omame Egharevba (daughter) 3 years  
Isobel Iruwa Egharevba (daughter) 3 years

**HOBBIES:** Swimming and Juggling

**RESIDENTIAL ADDRESS:** No. 11 King Jesus Road, Ujemen, Ekpoma.

**HOME ADDRESS:** No. 14, Uloko Street, Eyan, Benin City.

**POSTAL ADDRESS:** Department of Chemistry  
Ambrose Alli University,  
P.M.B. 14,  
Ekpoma,  
Edo State, Nigeria.

**E-mail:** [feharevba2013@yahoo.com](mailto:feharevba2013@yahoo.com)

**TELEPHONE NUMBERS:** 07065070734; 08056408053

### **INSTITUTIONS ATTENDED WITH DATES:**

i.	Iguodala Primary School, Benin City, Nigeria.	1965 -1970
ii.	Eghosa Grammar School, Benin City, Nigeria.	1971 -1975
iii.	University of Ibadan, Ibadan, Nigeria.	1978 -1982
iv.	University of Ibadan, Ibadan, Nigeria.	1983 -1984
v.	University of Benin, Benin City, Nigeria.	1986 -1989
vi.	Threshold Computer Centre, Ekpoma.	2004 -2005
vii.	SPDC Swimming Complex, Port-Harcourt.	2006 -2007

### **ACADEMIC AND PROFESSIONAL QUALIFICATIONS:**

i.	First School Leaving Certificate	1970
ii.	West African School Certificate	1975
iii.	B.Sc. (Hons.) Chemistry 2 <sup>2</sup>	1982
iv.	M.Sc. Physical Chemistry	1984
v.	Ph.D. Chemistry	1990
vi.	Certificate in Microsoft Office and General Computing	2005
vii.	Certificate in Basic Swimming(SPDC)	2007

### **MEMBERSHIP OF LEARNED SOCIETIES:**

i.	Member, Chemical Society of Nigeria	1984
ii.	Member, Science Association of Nigeria	1983
iii.	Member, Polymer Institute of Nigeria	1989
iv.	Member, Society of Chemical Industry, London.	2002
v.	Fellow, Institute of Chartered Chemists of Nigeria	2006
vi.	Vice-Chairman, Edo Zonal Chapter, Chemical Society of Nigeria	2007

## **SERVICES RENDERED TO THE NATION:**

### **N.Y.S.C.:**

As a Youth Corper, I taught Chemistry and Physics  
as well as provided Practical Instructions. 1982-1983

**JAMB:** As Examiner in Chemistry 2000-2003

**Board Member,** National Agency for Science and  
Engineering Infrastructure, NASENI, Abuja 2009-2011

As member, I made a case for Ambrose Alli University to be  
recognized as a Centre of Excellence, in Engineering Training.

## **LEADERSHIP, HONOURS AND AWARDS:**

Biographical Recognition in contemporary Who's Who of Professionals	2004
Patron, God's People World Wide Prayer Ministry, Uromi, Edo State	2004
Recognition in Marqui Who's Who in Science and Engineering, USA	2005
Patron, God's Grace Prayer Ministry Int., Ambrose Alli University (AAU)	2005
Isua Development and Cultural Organisation Award of Excellence	2006
Chemical Society of Nigeria, Edo State Chapter Award of Excellence	2008
Grand Patron, Sensational Modeling Academy, International	2008
President, Edonirisi, A Social-cultural Association of the Binis in Diaspora, Ekpoma	2008 -2015
Faculty of Natural Sciences Award of Excellence	2012
Students Union Government, Ambrose Alli University Award of Excellence	2014
Edonirisi Association, Ekpoma Award of Excellence	2016

## **WORKING EXPERIENCE:**

Clerical Officer, Lagos – Niger Shipping Co., Warri	1976 -1977
Teacher, Igbudu Primary School, Warri	1977 -1978
Teaching Assistant, University of Ibadan, Nigeria	1983 -1984
Lecturer III, College of Education, Abraka, Nigeria	1984 -1985

Assistant Lecturer, Bendel State University, Abraka Campus	1985 -1987
Lecturer II, Bendel State University, Abraka Campus, Nigeria	1987 -1989
Lecturer I, Bendel State University, Abraka Campus, Nigeria	1989 -1992
Senior Lecturer, Delta State University, Abraka, Nigeria	1992 -1994
Senior Lecturer, Edo State University, Ekpoma, Nigeria	1994 -1996
Associate Professor, Ambrose Alli University, Ekpoma	1996 -2000
Professor, Ambrose Alli University, Ekpoma	2001 -Date

**PRESENT SALARY:** CONUASS 7 step 10

### **ADMINISTRATIVE EXPERIENCE:**

i.	Departmental Course Adviser	1984 -1985
ii.	Departmental Examination Officer	1984 -1985
iii.	Departmental Projects Co-ordinator	1984 -1986
iv.	Co-ordinator, Department of Chemistry	1989 -1990
v.	<b>Head of Department of Chemistry:</b> Bendel State University Abraka Campus, Nigeria	1990 -1991
vi.	<b>Head of Department of Chemistry:</b> Edo State University, Ekpoma, Nigeria	1995 -1997
vii.	<b>Head of Department of Chemistry:</b> Ambrose Alli University, Ekpoma, Nigeria	1999 -2000
viii.	<b>Dean, Faculty of Natural Sciences:</b> Ambrose Alli University, Ekpoma, Nigeria	2002 -2006
ix.	<b>Head, Department of Chemistry:</b> Ambrose Alli University, Ekpoma, Nigeria	2009 -2010
x.	<b>Director, Foundation Programme:</b> Ambrose Alli University, Ekpoma, Nigeria	2011 -2013
xi.	<b>Director, Industrial Training Unit:</b> Ambrose Alli University, Ekpoma, Nigeria	2014 till date

## **COURSES TAUGHT:**

### **At Undergraduate level:**

CHM 305: Polymer Technology

CHM 403: Advanced Electrochemistry

CHM 404: Advanced Polymer Technology

CHM 412: Symmetry and Group Theory

### **At Postgraduate level:**

CHM 704: Electrochemical and optical methods of Analysis

CHM 706: Molecular Spectroscopy

CHM 719: Advanced Polymer Chemistry

## **OTHER SERVICES RENDERED TO THE UNIVERSITY:**

- i. Member, Editorial Board of Annals of Natural Sciences – A Faculty Journal.
- ii. Member, Pre-Degree Committee, Bendel State University, Abraka, Nigeria.
- iii. Member, Sandwich Programme Committee, Bendel State University, Abraka, Nigeria.
- iv. Member, Fact Finding Panel to investigate alleged misconduct of staff of Bendel State University, 1990.
- v. Member, Fact Finding Committee to investigate alleged students unruly behavior to Governor Felix Ibru of Delta State, April 1991.
- vi. Vice-Chancellor Representative to the University Library Appraisal panel, Edo State University, Ekpoma.
- vii. Vice-Chancellor Representative to Faculty of Environmental Studies Appraisal Panel, Edo State University, Ekpoma
- viii. Warden, Jereton Mariere Hall, Edo State University, Ekpoma.
- ix. Member, Search Team for the post of Vice-Chancellor, Edo State University, Ekpoma, 1996.

- x. Member, Edo State Government Committee on the Review of Appointments, Promotions, Deployments and Award of Contracts, 1999.
- xi. Vice-Chancellor Representative, College of Medicine Appraisal Panel, 1999, 2000 and 2002.
- xii. Member, University Admission Board, 2000-2006.
- xiii. Chairman, University Sports Committee, 2000 - 2002.
- xiv. Vice-Chancellor's Nominee to Faculty of Engineering Appraisal Panel, Ambrose Alli University, Ekpoma, 2004.
- xv. Chairman, Pre-degree Programme, Ambrose Alli University, Ekpoma, 2002-2004.
- xvi. Vice-Chancellor's Nominee to Faculty of Education Appraisal Panel, Ambrose Alli University, Ekpoma, 2004.
- xvii. Vice-Chancellor's Nominee to Registry and Bursary Appraisal Panel, 2003 and 2004.
- xviii. Chairman, Sub-Committee on HIV/AIDS Sensitization/Awareness Campaign, 2004-2006.
- xix. Chairman, Screening/Verification Committee, Faculty of Natural Sciences, 2004-2005.
- xx. Member, Finance and General Purpose Committee of Governing Council, Ambrose Alli University, Ekpoma, 2003-2005.
- xxi. Member, Sandwich Programme, Ambrose Alli University, Ekpoma, 2005-2006.
- xxii. Chairman, Investigation Panel on Fire Incidence, Faculty of Arts, Ambrose Alli University, Ekpoma, 2005.
- xxiii. Member, Senate Committee to consider University Sessional Results, 2008.
- xxiv. Chairman, Management Committee on Upward Review of School Fees, 2008.
- xxv. Chairman, Senate Committee on Malaria Prevention, 2008-2009.
- xxvi. Chairman, University Ceremonials Committee, 2010-2012.

xxvii. Member (Senate Representative), Governing Council, Ambrose Alli University, Ekpoma, 2014 – till date

xxviii. Chairman, Re-Organisation of ICT in Ambrose Alli University. 2015

### **CONFERENCES ATTENDED WITH DATES:**

- i. Chemical Society of Nigeria Conference, held at P.T.I. Warri. September 1989.
- ii. Chemical Society of Nigeria Conference, held at Modotel, Owerri. September 1991.
- iii. Science Association of Nigeria Conference, held at Ado Bayero University, Kano, December. 1993.
- iv. Teachers of Technology Association of Nigeria Conference, held at Lagos State College of Education, Lagos. 1996.
- v. Science Association of Nigeria Conference, held at Delta State University, Abraka. April 1997.
- vi. Polymer Institute of Nigeria Conference, held at Presidential Hotel, Port-Harcourt. October 1999.
- vii. Polymer Institute of Nigeria Conference, held at Hill Station Hotel, Jos. October 2000.
- viii. Chemical Society of Nigeria Conference, held at Palm Royal Motel Benin City. September 2004.
- ix. Chemical Society of Nigeria Conference, held at Ambrose Alli University, Ekpoma. 2005.
- x. Chemical Society of Nigeria Conference, held at PTI, Effurun, Warri. 2008.
- xi. NIPRD/WHO Conference, held at ECOWAS Secretariat, Abuja. 2008.
- xii. NIH/NIAID Symposium on Research Continuum in Natural Products Drug Discovery, held at Transcorp Nicon, Abuja, Nigeria. May 11-14, 2009.
- xiii. WHO/ANDI Health Initiative for Africa Stakeholders Meeting, 4-6 October, 2009, held at Capt Town, South Africa.

- xiv. Chemical Society of Nigeria, 5<sup>th</sup> Chemtech Conference, Workshop and Exhibition, held at Rubber Research Institute of Nigeria (RRIN), Iyanomo, Edo State, Nigeria. 28<sup>th</sup> July, 2011.
- xv. Chemical Society of Nigeria, 6<sup>th</sup> Chemical Technology Conference, held at University of Benin, Benin City, Edo State, Nigeria. 26<sup>th</sup> July, 2012.
- xvi. Chemical Society of Nigeria, 6<sup>th</sup> Chemical Technology Conference, held at Ambrose Alli University, Ekpoma, Nigeria. 31<sup>st</sup> July, 2014.

### **TRAINING WORKSHOPS ATTENDED:**

- i. Budgetary Planning and Budgetary Control Systems, held at Edo State University, Ekpoma. 16-17 January, 1996.
- ii. IPAN mandatory Training Seminar on Organic Chemistry and Drug Discovery, NIPRD, Abuja. November, 2008.
- iii. NIPRD/NIH Training Seminar on Organic Chemistry and Drug Discovery, NIPRD, Abuja, November, 2008.
- iv. Training Workshop on use of Electronic Library (TEEAL), Database and other related Database, held at Ambrose Alli University, Ekpoma. June, 2012.
- v. SIWES Computerization Training Programme, held for Schedule Officers, Regulatory Bodies of ITF Benin Area office, April 2014.
- vi. Tracking and Monitoring SIWES Documentation, held at Industrial Training Fund Benin Area Office, Benin City. May 2014.
- vii. Systematic Approach to Job Specification and SIWES Administration Workshop, held at Roban Hotels, Enugu, October 2014.

### **BOOKS JOINTLY AUTHORED:**

- i. Eguavoen, O.I. and Egharevba, F. (1996). Molecular Geometry and X-ray Diffraction, PON Publisher Ltd., Agbor, Delta State. ISBN 978-2928-05-4.

- ii. Eguavoen, I.O., Ebhoaye, J.E., Osuide, M.O. and Egharevba, F. (1996).  
Basic University Chemistry, Publisher: Chemistry Advancement Society,  
Ekpoma, Edo State. ISBN 078-32816-9.

### **CHAPTERS IN BOOKS:**

University Chemistry Module I, (Edited by O.I. Eguavoen), Publisher: Edo State University, ISBN 978-2884-93-0.

Chapter 2: Atomic Theory in University Chemistry, Module I (Edited by O.I. Eguavoen), Edo State University Press, pp. 10-33.

Chapter 3: Chemical Bonding in University Chemistry, Module I (Edited by O.I. Eguavoen), Edo State University Press, pp.34-50.

Chapter 4: Stoichiometry, Nomenclature and Chemical Equations in University Chemistry, Module I (Edited by O.I. Eguavoen), Edo State University Press, pp.51-72.

Chapter 23: Industrial Chemistry: Applications of Organic Chemistry in University Chemistry, Module I (Edited by O.I. Eguavoen), Edo State University press, pp. 336-383.

### **SHELL SABBATICAL LEAVE REPORT (2007):**

Titled Performance Evaluation of Aluminium Tristearate Defoamer in Crude Oil Processing.

**Editorship:** Editor, Advances in Natural and Applied Science Research Journal, ISSN 1597-0299.

Editor, Nigerian Annals of Natural Sciences.

Editor, Journal of Applied and Basic Sciences.

## **SUPERVISED POSTGRADUATE STUDENTS:**

### **M.Sc.**

- Ikidi, O. David (1997). An Evaluation of the Grafting Characteristics of Ethyl Acrylate on Dextrin.
- Irinmwinda, U. Richard (2007). Determination of Carcinogenic Substances in Some Locally Available Fast Foods in Benin City.
- Ogbemor, C. (2014). Thermodynamic and Kinetic Study of the Fermentation of Sugarcane and Sour Sop Juices.
- Inegbedion, F. (2014). Graft copolymerization of vinyl acetate on gum Arabic
- Ebuzome, P. C (2015). An evaluation of the physico – chemical properties of rain water from the different roofing sheets in Ekpoma (Edo state) and Kwale (Delta state), Nigeria

### **Ph.D.**

- Dosu, Malomo (2008). Processing Characteristics and Physico-Mechanical Properties of Low Molecular Weight Natural Rubber Blends Using Different Mixing Schemes.
- Osakwe, A. Steven (2008). Speciation and Bioavailability of some Heavy metals in Soils around Selected Automobile and Refuse Dumps in Agbor and Warri, Delta State.
- Akpoveta, V.A. (2012). Comparative Evaluation of the Effectiveness of Chemical and Bioremediation of Soils Contaminated with Crude Oil, Kerosene and Diesel.
- Medjor, W.O. (2013). A Comparative Evaluation of the Effectiveness of Chemical and Bioremediation of Ground Water Contaminated with Crude Oil, Kerosene and Diesel.
- Jatto, E. O. (2014). Kinetics and Thermodynamic studies of the treatment of waste water from Industries using powdered Snail shell.

## **POSTGRADUATE SUPERVISION IN PROGRESS:**

- Azih, M. Determination of Threshold Values and Analytical Procedures for Carcinogenic Agents in Some Local Foods. (Ph.D. Research in progress).
- Musa, M. Synthesis of Rubber Based Alkyl Cyano Acrylate Adhesive. (Ph.D. Research in progress).
- Eboreime, A.E. Studies on Comonomer Reactivity in the Graft Copolymerisation of Acrylonitrile and Vinyl Acetate on Starch. (Ph.D. Research in progress).
- Okwaji, P. Synthesis of Polyethylene Oxide Derivatives. (Ph.D. Research in progress).
- Idaghan, M. Fractionation of Fatty Alcohols using Molecular Sieves. (Ph.D. Research in progress).
- Igwe, R. Thermal Conductivity of Cooling Fluids. (Ph.D. Research in progress).
- Ikpo, Nkiruka J. Chemical Studies on the Flood Plains of the Lower Niger Basin. (Ph.D. Research in progress).
- Ibieluma, J.A. Comprehensive Evaluation of Chemical and Bioremediation of Surface Water Contaminated with Crude oil, Kerosene and Diesel. (Ph.D. Research in progress).
- Ogbemor, C. A Study of the Influence of Accelerators and Inhibitors on the Kinetic and Thermodynamics of the Fermentation of Sugarcane and Sour Sop. (Ph.D. Research in progress).

## **LIST OF PUBLISHED ARTICLES:**

1. Okieimen, F.E. and Egharevba, F. (1989). Graft Copolymerisation of Ethyl Acrylate on Starch, *Eur. Polym. J.*, 25(1): 99-102.
2. Okieimen, F.E. and Nkumah, J.E. and Egharevba, F. (1989). Studies on the Grafting of Acrylic Acid on Starch. *Eur. Polym. J.* 25(4): 423-462.

3. Okieimen, F.E. and Egharevba, F. (1989). Graft Copolymerisation of Ethyl Acrylate and Acrylonitrile on Starch in the presence of Ceric Ion. *Chem. Rapid Communication*, 10: 575-579.
4. Okieimen, F.E., Egharevba, F. and Jideowon, A. (1991). Grafting of Ethyl Arcylate on Starch. *Acta Polymerica* 41: 222-226.
5. Okieimen, F.E., Egharevba, F. and Jideowon, A. (1991). Graft Copolymers of Starch and Poly.(ethyl acrylate). Dilution effects. *Die Angewandite Makromolekulare Chemic*. 134: 1-6.
6. Okieimen, F.E. and Egharevba, F. (1991). Graft Copolymerisation of Methacrylate on Dextrin. *Eur. Polym. J.* 28: 415-417.
7. Egharevba, F. (1993). Studies in the Graft Copolymerization of Methyl Methacrylate on Dextrin. *Niger. J. Appl. Sci.* 11: 38-42.
8. Egharevba, F. and Ikidi, O.O. (1997). The Nature of Grafted Chains and Radical Termination in Graft Copolymerisation of Ethyl Acrylate on Dilute Solutions of Dextrin. *Bull. Sci. Assoc.* 21: 45-48.
9. Egharevba, F., Maduako, A.U.C. and Osakwe, S.A. (1998). Correlation Model Between Sludge Deposits Formation and Oil Acidity in Lubricating Oils. *Jamaican J. Sci. Technol.* 9: 37-44.
10. Egharevba, F. and Esimaghele, T. (1999). Grafting Characteristics, Chain Termination and the Role of the Monomer Complex in Graft Copolymerisation of Ethyl Acrylate on dilute solutions of Dextrin. *Jamaican J. Sci. Technol.* 10, 79-85.
11. Egharevba, F. (1999). Impact of Detergent Solutions on the Physicochemical Properties of Arable Top Soils in Edo State of Nigeria. *J. Chem. Soc. Niger.* 27(1): 43-47.
12. Egharevba, F., Osawe, J., Osemota., I.O. and Ogboghodo, I.A. (2000). Effects of Detergents Solutions on top soils Physicochemical properties in Edo State of Nigeria. *J. Sci. Eng. Technol.* 7(1): 2292-2303.

13. Egharevba, F. and Egwejaghan, G. (2000). The Effect of Treatment with Corn Cob Extract on the Physicochemical Properties of Soils. *Niger. J. Chem. Res.* 5:11-16.
14. Egharevba, F. and Okieimen, F.E. (2000). A Comparative Study on the Graft Copolymerisation of Acrylate Monomers on Starch and Dextrin. *Discovery and Innovation. J.* 12: 3-7.
15. Egharevba, F. and Mayah, D.A. (2001). The Effect of Cassava Peel Extract on the Chemical properties of Soils from some Arable Lands in Edo State of Nigeria. *Niger. J. Appl. Sci.* 19: 98-104.
16. Egharevba, F. and Okosun, F. (2001). The Physicochemical properties of Soils Treated with Colanut. Pod. Extract. *J. Sci. Engr. Technol.* 8(3): 3343-3352.
17. Egharevba, F. and Ikheloa, A. (2001). A Study of the Effect of Cocoa Pod Extract on Top Soils in Edo State of Nigeria. *Niger. J. Sci.* 35(2): 175-182.
18. Egharevba, F. and Odjada, V. (2001). The Pollution Potentials of some Agricultural and Industrial Wastes. *Niger. J. bas. Appl. Sci.* 10: 139-145.
19. Egharevba, F. and Odjada, C. (2002). The Pollution Potential and Chemical Interaction Parameter of Some Agro and Industrial Wastes on Soil. *Niger. J. Bas. Appl. Sci.* 11:177-188.
20. Egharevba, F. and Eguavoen, O.I. (2002). Impact Strength of Graft Copolymer of Acrylonitrile and Polystyrene. *J. Polym. Inst. Niger*, 3, No. 1: 78-86.
21. Egharevba, F. and Maduako, A.U.C. (2002). Assessment of Oxidation in Automotive Crankcase Lube Oils: Effects of Metals and Water Activity. *Ind. Engr. Chem. Res. JACS, USA.* 41(14): 3473-3481.
22. Egharevba, F., Ehigiamusoe, N.N. and Igbudu, O. (2002). Design of Impact Strength Test Equipment for Brittle Materials. *Techworld* 1(1): 40-50.

23. Egharevba, F., Olite, M.I. and Osakwe, S.A. (2003). Studies on the Effect of Laundry Effluent on the Physicochemical Properties of Soils in Edo State of Nigeria. *Discovery and Innovation. J.* 15(1/2): 11-16.
24. Eguavoen, O.I., Egharevba, F. and Eju, S.I. (2003). Simulation of Gasoline Adulteration: A Study of the Effects and Extent of Gasoline Adulteration with kerosene and Diesel. *Adv. Nat. Appl. Sci. Res.* 1(1): 136-149.
25. Akinlabi, A.K., Okieimen, F.E., Egharevba, F. and Dosu, M. (2005). Studies on the Processing and Vulcanizate Properties of Modified Natural Rubber Blends Using Different Mixing Schemes. *J. Polym. Mater.* 22: 227-234.
26. Akinlabi, A.K., Okieimen, F.E., Egharevba, F, Okwu, U.N., Malomo, D., Asia, I.O., Egbon, E.E., Momodu, I. and Ohaga, S. (2005). Properties of Vulcanizates from Blends of Natural Rubber and Low Molecular Weight Natural Rubber Filled with Carbonized Rubber Seed Shell. *Chem. Tech. J.*, 1: 176-188.
27. Malomo, D., Egharevba, F., Akinlabi, A.K. and Okieimen, F.E. (2005). Comparison of Different Mixing Schemes of Natural Rubber. *Chem. Tech. J. (CSN)* 1: 40-47.
28. Okojie, V.U., Osuide, M.O., Onogbosele, C.O., Egharevba, F. and Ndiokwere, C.L. (2006). Characteristics of Soils and Vegetable Crops Uptake of heavy metals Grown on Soils Amended with Municipal Waste Compost. *Adv. Nat. and Applied Sci. Res.* 4: 81-87.
29. Akinlabi, A.K., Okieimen, F.E., Egharevba, F. and Malomo, D. (2006). Investigation of the Effect of Mixing Schemes on Rheological and Physico-mechanical Properties of Modified Natural Rubber Blends. *Journal and Design*, 27: 783-788.
30. Okogun, G.R.A., Egharevba, F. and Igwe, C.U. (2007). Determination of the Active Ingredient Concentration in Various Brands of Chloroquine Phosphate Sold in Ekpoma, Nigeria. *Nig. Annals of Nat. Sci.* 7(2): 81-89.

31. Osakwe, S.A. and Egharevba, F. (2008). Sequential Fractionation of Cd, Cu, Pb, and Cr. in Soils around Municipal Solid Waste Dumps in Agbor, Nigeria. *JCSN*, 33, 2: 139-147.
32. Egharevba, F., Ohenhen, R.E. and Imarenezor, E.P.K. (2009). The Effect of Mouth Wash on Oral Microflora. *Continental J. of Medical Research*, 3: 1-6.
33. Egharevba, F. and Okojie, V.U. (2009). Synthesis of Dodecan -1- Alcohol (lauryl) alcohol) from Oil of *Cocos Nucifera* (coconut oil). *Chem.. Tech. J. (CSN)*, 4: 148-152.
34. Egharevba, F., Okiemen, F.E. and Akpoveta, V. (2009). Studies on Comonomer Reactivity in the Graft Copolymerization of Acrylonitrile and Ethyl Acrylate on Starch. *Niger J. Sci. Envir.* 8: 104-108.
35. Akpoveta, A.O., Egharevba, F., Medjor, O.W., Ize-Iyamu, O.K. and Enyemike, D. (2011). Microbial Degradation and its Kinetics on Crude Oil Polluted Soil. *Res. J. Chem. Sci.* 2(1): 8-14.
36. Akpoveta, A.O., Egharevba, F. and Medjor, O.W. (2011). A Pilot Study on the Biodegradation of Hydrocarbon and its Kinetics on kerosene Stimulated Soil. *Int. J. Environ. Sci.* 2(1): 54-67.
37. Akpoveta, V.O., Egharevba, F., Ize-Iyamu, O.K., Jatto, O.E., Odjighere, M.O. (2011). Equilibrium and Kinetic Studies of the Reaction of Aquomet Derivative of Pigeon Haemoglobin with 5, 51Dithio bi- (2-Nitrobenzoic Acid). *Pacific J. Sci. Techn.* 12(2): 365-373.
38. Akpoveta, V.O., Egharevba, F., Medjor, W.O. and Ize-Iyamu, O.K. (2011). Kinetic Analysis and Efficiency Evaluation of Bioremediation Technology on Diesel contaminated Soil in the Niger Delta Area of Nigeria, *Chem. Tech. J.*, 7:64-78.
39. Akpoveta, V.O., Osakwe, S. and Egharevba, F. (2012). Surfactant Enhanced Soil Washing Technique and its Kinetics on the remediation of Crude Oil Contaminated soil, *Pacific J. Sci. & Technol*, 13(1):443-456.

40. Akpoveta, V.O., Osakwe, A.S., Egharevba, F., Ize-Iyamu, O.K., Akpoveta, A.V., Jatto, O.E., Okoh, E.B., Okwagi, P., Odjighere, M. and Medjor, W. (2011). A Comparative Evaluation and Toxicity Assessment of Heavy metals in Commonly Smoked Cigarette Brands and Local Tobacco Snuff, purchased and consumed in Nigeria. *Res. J. Environ. Toxicology* 5(6): 359-368.
41. Medjor, O.W., Egharevba, F. Akpoveta, A.O., Ize-Iyamu, O.K. and Jatto, E.O. (2012). Kinetic Studies of Bio Remediation of Hydrocarbon Contaminated Ground Water. *Res. J. Chem. Sci.* 2(1): 38-44.
42. Medjor, O.W., Egharevba, F., Akpoveta, A.O., Ize-Iyamu, O.K. and Jatto, E.O. (2012). Remediation of Crude Oil Contaminated Ground Water by Fenton Oxidative Method. *Int. J. Environ. Sci.* 2(3): 1398-1407.
43. Medjor, W.O., Egharevba, F., Akpoveta, V.O., Wepuaka, C.A., Jatto, E.O. (2013). Effects of Bioremediation on Physicochemical Properties and Heavy metal Content of Groundwater Contaminate with Diesel using mixed culture Microorganisms, *J. Sci. & Environ.* 1, 96-106.
44. Medjor, W.O., Egharevba, F., Akpoveta, V.O., Namesson, N.O., Jatto, E.O. (2013). Biodegradation and Kinetic Studies of Groundwater Contaminated with Domestic Purpose Kerosene using Microorganisms from Agricultural waste. *J. Sci. & Environ.* 1, 120-129.
45. Jatto, E.O., Asia, I.O., Egharevba, F., Odia, A. (2013). Kinetic Studies of Waste Water Treatment from Rubber Factory using Snail Shell. *New York Sci. Journ.* 6(2): 25-33.
46. Jatto, E.O., Asia, I.O., Egharevba, F. and Medjor, W.O. (2014). Thermodynamic Studies of the Treatment of Wastewater from brewery Industry Using Powdered Snail Shell. *J. Sci. & Environ.*, 1(2), 42-54.
47. Egharevba, F., Ogbemor, C. and Akpoveta, V.O. (2014). Thermodynamic Characterization of *Saccharomyces Cerevisiae* Catalyzed Fermentation of Cane Sugar. *Open J. Physical Chem.* 4: 21-25.

48. Egharevba, F., Ogbemor, C. and Akpoveta, T.O. (2014). A Kinetic Study of the Fermentation of Cane Sugar using *Saccharomyces Cerevisiae*. *Open J. Physical Chem.* 3: 26-31.
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#### **EXTERNAL EXAMINER TO:**

- |   |           |
|---|-----------|
| ➤ Federal Polytechnic, Auchi                  | 1986-1987 |
| ➤ Federal University of Technology, Akure     | 2009-2011 |
| ➤ Delta State University, Abraka, Delta State | 2010-2012 |
| ➤ Igbinedion Univ., Okada, Edo State          | 2013-2014 |
| ➤ Samuel Adegboyega Univ., Ogwa, Edo State    | 2015      |
| ➤ Novena Univ., Ogume, Delta State            | 2015      |

## CONFERENCE PAPERS:

- i. Okieimen, F. and Egharevba, F. (1989). Graft Copolymerisation of Ethyl Acrylate on Starch. Paper read in the 14<sup>th</sup> Annual Conference of the Chemical Society of Nigeria, held at Effurun, Warri. September 1989.
- ii. Egharevba, F. and Okieimen, F.E. (1991). Studies on Comonomer Reactivity in the Graft Copolymerisation of Acrylonitrile and Ethyl Acrylate on Starch. Paper read in the 16<sup>th</sup> Annual Conference of the Chemical Society of Nigeria held at Owerri. September 1991.
- iii. Egharevba, F. and Eguavoen, O.I. (1999). Impact Strength of Graft Copolymers of Polystyrene and Acrylonitrile. Paper read in the Polymer Institute of Nigeria, conference held at Port-Harcourt, Nigeria. November 1999.
- iv. Eguavoen, O.I. and Egharevba, F. (1999). Environmental and Health hazards of Polythene and Polystyrene Packaging Liters. Paper read in the Polymer Institute of Nigeria, conference held at Post-Harcourt, Nigeria. October 1999.
- v. Okieimen, F.E., Egharevba, F., Akinlabi, A.K. and Dosu, M. (2004). Investigation of the Effect of Mixing Schemes on Rheological and Mechanical Properties of Blends of Natural Rubber and Low Molecular Weight Natural Rubber. Paper read in the Chemical Society of Nigeria Conference held at Palm Royal Motel, Benin City.
- vi. Osakwe, S.A. and Egharevba, F. (2008). Assessment of Heavy metal Contamination of Soils and Cassava (*Manihot Esculata*) Tubers and leaves from Automobile Emissions along Warri-Abraka Expressway. 31<sup>st</sup> CSN Conference, held at Warri, Delta State. September 2008.
- vii. Egharevba, F. and Imarenezor, E.P.K. (2009). An Assessment of Microbial Reduction, Contamination, Toxicity and Potency of a Dental Pain Remedy. WHO/ANDI Health Initiative for Africa Stakeholders meeting. Cape Town, South Africa. 4<sup>th</sup> to 7<sup>th</sup> October, 2009.

- viii. Jatto, E.O., Asia, I.O. and Egharevba, F. (2012). Kinetic Studies of Waste Water Treatment from brewery using Powdered Snail Shell. Proceedings of the 35<sup>th</sup> Annual International Conference, Workshop and Exhibition of Chemical Society of Nigeria, 2:321-325.

#### **DISSERTATION AND THESIS:**

- Reactivity and Electrostatic Properties of Methaemoglobin from Clarias Lazera. B.Sc. Chemistry Project Report, University of Ibadan (1982).
- Ionic Strength Dependence of the Solubility of Methaemoglobin A in Polyethylene Glycol. M.Sc. Thesis, University of Ibadan, 1984.
- Graft Copolymerisation of Ethyl Acrylate on Starch. Ph.D. Thesis, University of Benin, Benin City (1990).

#### **PATENT AWARD FOR INVENTION (DRUG DISCOVERY):**

**Title of Invention:** Oral Thrust, Plaque and Gingivitis Pain Remedy.

RG: NG/C/2007/591).

**Date of Sealing:** 17<sup>th</sup> December, 2007.

This invention, patented in 2007 provides a remedy for tooth ache (pain) and generally for plaque, gingivitis and other mouth infections.

#### **DISTINGUISHED PUBLIC LECTURE:**

Inaugural Lecture Titled: Chemistry and the Quest for Discovery and Innovation, Delivered at Ambrose Alli University on May 27, 2010.

## **INDUSTRIAL EXPERIENCE (Consultancy):**

### **OIL FLUIDS LTD., SAPELE, DELTA STATE, NIGERIA.**

Dehydration Chemist and Head of Chemical Treatment. Quantitative Demulsification of Oil in Water Emulsion through Bottle Test and Field Trials; Monitoring of Chemical Injection Plant. Dehydration operations with **Dubril Oil Company** (Gelegele Flow Station) and **Pan Ocean Oil Corporation** (Ogharefe Flow Station).

### **INDUSTRIAL MINERAL PRODUCTS, LAGOS.**

Application of Defoamers in Asbestos Production.

### **M – I DRILLING FLUIDS LTD., PORT-HARCOURT**

Barite production and quality control which include Aggregate Sampling, determination of specific gravity of crude and processed barite; determination of calcium, pH; screen analysis; providing technical advice on use of soda ash to control calcium, control of whizzer's speed to control particle size; use of Ferox to boost specific gravity of barite, barite performance test, use of lime to reduce carbonate alkalinity. Bentonite Production and quality control which include sampling determination of fluid loss, viscosity apparent, plastic, yield point and yield. Providing technical advice on use of Hychem to boost viscosity of bentonite.

### **SHELL PETROLEUM DEV. COMPANY LTD., PORT-HARCOURT SABBATICAL LEAVE: 2006 - 2007**

Field virus. Pumpline crude quality. Support for pipeline project. Gas (sales line) sampling. Gas (HP, LP, SV, FL) by facility; monitoring of CO<sub>2</sub> and H<sub>2</sub>S in sales line; pH and water content. Demulsifier sampling. Monitoring of demulsifier, scales, corrosion inhibitor and glycol injection. Effectiveness of Antifoam/Defoamer injection; Dew point measurement. Chemical Inventorization (Prostewart); Review and Ligratinn of SHNC Bards.

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