



## COVENANT UNIVERSITY CURRICULUM VITAE

Dr. EHI-EROMOSELE, Cyril Osereme  
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Covenant University, Ota, Nigeria  
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### Section A: PERSONAL DATA

<b>NAME:</b>	EHI-EROMOSELE, Cyril Osereme
<b>DATE OF BIRTH:</b>	July 25, 1978
<b>GENDER:</b>	Male
<b>TOWN:</b>	Idumebo
<b>LOCAL GOVT. AREA:</b>	Esan Central
<b>STATE OF ORIGIN:</b>	Edo
<b>NATIONALITY:</b>	Nigerian
<b>MARITAL STATUS:</b>	Married
<b>RELIGION:</b>	Christianity
<b>NUMBER OF CHILDREN:</b>	Nil
<b>Contact Address:</b>	Dept. of Chemistry, Covenant University, Ota, Nigeria
<b>Residential Address:</b>	Flat 4, Block Z5, New Estate, Covenant University, Ota
<b>Telephone Number:</b>	08039576084
<b>E-mail Address:</b>	<a href="mailto:cyril.ghi-eromosele@covenantuniversity.edu.ng">cyril.ghi-eromosele@covenantuniversity.edu.ng</a>

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### Section B: EDUCATIONAL HISTORY

#### INSTITUTIONS ATTENDED WITH DATES

<b>Institution</b>	<b>Date</b>
Covenant University, Ota	2011-2015
University of Lagos, Akoka	2008-2010
Ambrose Alli University, Ekpoma	1996-2001

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## ACADEMIC QUALIFICATION

Qualification	Grade	Year
PhD Chemistry	PhD	2015
M.Sc Environmental Chemistry	Distinction	2010
B.Sc Industrial Chemistry	Second Class Upper	2001

## TEACHING EXPERIENCE

### (a) Academic Rank Held

Institution's Name	From	To	Begin Status	End Status
Covenant University	2016	Till Date	Lecturer I	-
Covenant University	2014	2016	Lecturer II	Lecturer I
Covenant University	2011	2014	Assist. Lecturer	Lecturer II
University of Lagos	2008	2010	Teaching Assistant	Teaching Assistant
Cognitive Solutions Ltd., Lagos	2005	2008	Researcher	Demonstrator
Federal Polytechnic Ilaro	2002	2004	Asst. Lecturer	Asst. Lecturer

### (b) Academic Position Held

1. Member, Covenant University Scholastic Aptitude Screening (CUSAS) Panel, 2013-2016
2. Member, Traffic Control Sub-committee of 2015/16 Resumption, Covenant University.
3. Member, Covenant University Community Development Impact Initiative, 2014-2016
4. Member, CST 9<sup>th</sup> Convocation Hooding Planning Committee, 2014
5. Member, Examination Committee and Time-Table Officer, Chemistry Department
6. Member, Industrial Visit Committee (2011), Covenant University
7. Member, Seminar Committee (2011), Covenant University
8. Member of the Budget and Purchasing Committee, Covenant University
9. Member, Protocol Sub –Committee, Covenant University Convocation Planning Committee (2011-2012)
10. Academic Adviser, Industrial Chemistry (2012-Till Date).

## COURSES TAUGHT AT COVENANT UNIVERSITY

S/N	Course Title	Course Code	Period
1.	General Physical Chemistry	CHM 111	2011 – Till Date
2.	General Chemistry Practical I	CHM 119	2011 – Till Date
3.	General Chemistry Practical II	CHM 129	2011 – Till Date
4.	Basic Physical Chemistry	CHM 212	2011 – Till Date
5.	Industrial Physical Chemistry	CHM 223	2011 – Till Date
6.	Experimental Physical Chemistry	CHM 226	2011 – Till Date
7.	Heat Transfer	CHM 316	2011 – 2013
8.	Industrial Chemistry Laboratory II	CHM 413	2012 - 2013
9.	Electrochemistry & Surface Chemistry	CHM 421	2013 – Till Date
10.	Ceramics & Composite Materials	CHM 425	2011 – 2013
11.	Advanced Chemical Kinetics	CHM 816	2016 – Till Date

## SCHOLARSHIP, FELLOWSHIP AND PRIZES

1. Research Council UK Travel Grant for GCRF Global Engagement Meeting, Bangkok, Thailand. 2019
2. Institute of Applied Materials-Energy Storage Systems, KIT, Germany Funding for *in situ* X-ray absorption spectroscopy experiment at Deutsches Elektronen-Synchrotron (DESY), Hamburg; October, 18-22 2018
3. CIFAR's Azrieli Travel Grant for Women in Science Leadership Conference, Kigali, Rwanda. 2018
4. Research Council UK Travel Grant for GCRF Global Engagement Meeting, Nairobi, Kenya. 2018
5. CALIPSOplus (Grant 730872) Funding for experiment ID: AV-2017032159 Performed at BL04-MSPD Beamline ALBA Synchrotron, Spain. 2017
6. African Academy of Science (AAS) Affiliateship Award 2017-2021
7. Nigeria Young Academy Membership Award 2017-2021
8. Covenant University Centre for Research Innovation & Discovery (CUCRID) Research Grant (No: CUCRID/VC/17/02/02/06-FS) 2017
9. Alexander von Humboldt German Language Course Fellowship, Goethe Institute Mannheim, Germany. April-May, 2017
10. Alexander von Humboldt Georg Foster Post-Doctoral Fellowship, IAM-ESS, Karlsruhe Institute of Technology, Germany. 1.06.2017-30.11.2018
11. Travel Award for the 4th Science of Global Prostate Disparities Conference, University of Florida, USA. 2016
12. Best Graduating PhD Student, CST, Covenant University. 2015
13. Visiting Research Scholar Award, ICMS, India. 2014
14. Best Lecturer, Department of Chemistry, Covenant University 2013
15. Covenant University Centre for Research & Development (CUCERD) PhD Research Grant 2012/2013
16. University of Lagos Teaching/Research Assistantship 2008/2009

## PUBLICATIONS AND JOURNALS

### A. Solid State Chemistry/ Materials Science (Primary Research Interest)

1. Hassan Alzahrani, Christophe Antoine, **Ehi-Eromosele C.O.**, et al., (2018). Processes at nanopores and bio-nanointerfaces: general discussion, *Faraday Discussions* 210: 145.
2. Hassan Alzahrani, Cameron Bentley, **Ehi-Eromosele C.O.**, et al., (2018). Energy conversion at nanointerfaces: general discussion, *Faraday Discussions* 210: 333.
3. **Ehi-Eromosele C.O.**, Olugbuyiro J.A.O., Taiwo O.S., Bamgboye O.A., Ango C.E. (2018). Synthesis and Evaluation of the Antimicrobial Potentials of Cobalt Doped- and Magnesium Ferrite Spinel Nanoparticles. *Bull. Chem. Soc. Ethiop.* 32(3), 451-458.
4. **Ehi-Eromosele C.O.**, Olugbuyiro J.A.O., Edobor-Osoh A., Adebisi A.A., Bamgboye O.A., Ojeifo J. (2018). Magneto-Structural and Antimicrobial Properties of Sodium Doped Lanthanum Manganite Magnetic Nanoparticles for Biomedical Applications: Influence of Silica Coating. *Journal of Biomimetics, Biomaterials and Biomedical Engineering* 37, 117-127.

5. **Ehi-Eromosele C.O.**, Ita, B.I., Iweala, E.E.J. (2018). Synthesis, Magneto-structural Properties and Colloidal Stability Studies of Ni<sub>0.3</sub>Zn<sub>0.7</sub>Fe<sub>2</sub>O<sub>4</sub> Nanoparticles Coated with Pluronic P123 Block Copolymer for Potential Biomedical Applications. *Iranian Journal of Science and Technology. Transaction A, Science* 42: 209-217.
6. **Ehi-Eromosele C.O.**, Ita, B.I., Iweala, E.E.J. (2017). Silica Coated LSMO Magnetic Nanoparticles for the pH-Responsive Delivery of 5-Fluorouracil Anticancer Drug. *Colloids and Surfaces A: Physicochemical and Engineering Aspects* 530: 164-171.
7. **Ehi-Eromosele C.O.**, Olugbuyiri J.A.O, Adebisi A.A., Edobor-Osoh A., Ishola I.M. (2017). The Effect of Silica Coatings on the Structural, Magnetic and Antimicrobial Properties of Silver Doped Manganite Magnetic Nanoparticles for Biomedical Applications. *Journal of Bionanoscience* 11:1-6.
8. Siyanbola T.O., Akinsola A.F., Adekoya J.A., Ajani O.O., **Ehi-Eromosele C.O.**, Olaseinde G.I., Adesola A.A. (2017). Antimicrobia and Thermal Properties of Coating Systems Modified with ZnO Nanoparticle and its Hybrid Forms: (A Review). *Oriental Journal of Chemistry* 33(1): 9-16.
9. **Ehi-Eromosele C.O.**, Ita B.I., Iweala E.E.J., Ogunniran K.O., Adekoya J.A., Ehi-Eromosele F.E. (2016). Structural and Magnetic Characterization of La<sub>0.7</sub>Sr<sub>0.3</sub>MnO<sub>3</sub> Nanoparticles Obtained by the Citrate-Gel Combustion Method: Effect of Fuel to Oxidizer Ratio. *Ceramics International* 42 (1), 636-643.
10. **Ehi-Eromosele C.O.**, Ita B.I., Iweala E.E.J., Ogunniran K.O., Adekoya J.A., Siyanbola T. O. (2016). Silica Functionalized Magnesium Ferrite Nanocomposites for Potential Biomedical Applications: Preparation, Characterization and Enhanced Colloidal Stability Studies. *Journal of Nano Research* 40, 146-157.
11. **Ehi-Eromosele C.O.**, Ita B.I., Iweala E.E.J. (2016). The effect of polyethylene glycol (PEG) coating on the magneto-structural properties and colloidal stability of Co<sub>0.8</sub>Mg<sub>0.2</sub>Fe<sub>2</sub>O<sub>4</sub> nanoparticles for potential biomedical applications. *Digest Journal of Nanomaterials and Biostructures* 11 (1), 7-14.
12. **Ehi-Eromosele C.O.**, Ita B.I., Edobor-Osoh A., Ehi-Eromosele F.E. (2016). Low Temperature Solution Combustion Synthesis and Magneto-Structural Characterization of Polycrystalline La<sub>1-x</sub>Ag<sub>y</sub>MnO<sub>3</sub> ( $y \leq x$ ) Manganites. *International Journal of Self-Propagating High-Temperature Synthesis*. 25 (1), 23–29.
13. Adekoya J.A., Dare E.O., Ogunniran K.O., Ajani O.O., Siyanbola T.O., **Ehi-Eromosele C.O.**, Revaprasadu N. (2016). The effect of polyol on FULL LIST OF PUBLICATIONS multiple ligand capped silver alloyed nanobimetallic particles in tri-noctylphosphine oxide and oleic acid matrices. *Adv. Nat. Sci.: Nanosci. Nanotechnol.* 7 045012 (11pp). doi:10.1088/2043-6262/7/4/045012.
14. Pan J., Waghmare U.V., Kumar N., **Ehi-Eromosele C.O.**, Rao C.N.R. (2015). Effect of Nitrogen and Fluorine Co-substitution on the Structure and Magnetic Properties of Cr<sub>2</sub>O<sub>3</sub>. *ChemPhysChem* 16(7): 1502–1508.
15. Adekoya J.A., Dare E.O., Ogunniran K.O., Ajani O.O., Siyanbola T.O., **Ehi-Eromosele C.O.** (2015). Tandem Synthesis of some low and high indexed monometallic nanoparticles in polyols, poly(vinylpyrrolidone), trisodium citrate and dodecanethiol matrices. *Digest Journal of Nanomaterials and Biostructures* 10 (4), 1311-1327.
16. **Ehi-Eromosele C.O.**, Ita B.I., Iweala E.E.J., Anawe P.A.L., Adalikwu S.A. (2015) Magneto-structural Properties of Ni-Zn Nanoferrites Synthesized by the Low Temperature Auto-Combustion Method. *Bulletin of Materials Science* 38 (5): 1465-1472.

17. **Ehi-Eromosele C.O.**, Ita B.I., Iweala E.E.J. (2015) Low-temperature combustion synthesis of cobalt magnesium ferrite magnetic nanoparticles: effects of fuel-to-oxidizer ratio and sintering temperature. *Journal of Sol-Gel Science and Technology* 76(2): 298-308.
18. **Ehi-Eromosele C.O.**, Ita B.I., Ajanaku K.O., Edobor-Osoh A., Aladesuyi O., Adalikwu S.A., Ehi-Eromosele F.E. (2015). Structural, Morphological and Magnetic Properties of  $\text{La}_{1-x}\text{Na}_y\text{MnO}_3$  ( $y \leq x$ ) Nanoparticles Produced by the Solution Combustion Method. *Bulletin of Materials Science* 38 (7): 1749-1755.
19. **Ehi-Eromosele C.O.**, Ita, B.I., Iweala, E.E.J. (2016) Synthesis, Microstructure and Magnetic Properties of Nanocrystalline  $\text{MgFe}_2\text{O}_4$  Particles: Effect of Mixture of Fuels and Sintering Temperature. *Science of Sintering* 48(2): 221-235.
20. Adekoya, J.A., Dare, E.O., Ogunniran, K. O., Siyanbola, T. O., Akinsiku, A. A., **Ehi-Eromosele C.O.**, Ajanaku C.O. and W. U. Anake (2014) Facile Route to Synthesize Organically Capped Size Controlled Silver Nanoparticles. *International Journal of Scientific & Engineering Research* 5 (3): 1220 – 1226.

#### **B. Environmental Chemistry (Secondary Research Interest)**

21. Omeje M., Emmanuel E.S., Adewoyin O.O., **Ehi-Eromosele C.O.**, Araka T.I., Zaidi E., (2018). A Study of Natural Radioactivity in Some Building Materials in Nigeria. *Radiation Protection Dosimetry* 1-4. doi:10.1093/rpd/ncy121.
22. Omeje M., Adewoyin O.O., Emmanuel E.S., **Ehi-Eromosele C.O.**, Emenike C., Usikalu M.R., Akinwumi S.A., Zaidi E., Mohammad A.S. (2018). Natural Radioactivity Concentrations of  $^{226}\text{Ra}$ ,  $^{232}\text{Th}$ , and  $^{40}\text{K}$  in Commercial Building Materials and their Lifetime Cancer Risk Assessment in Dwellers. *Human and Ecological Risk Assessment* 24(8): 2036-2053.
23. Omeje M., Adewoyin O.O., Emmanuel E.S., **Ehi-Eromosele C.O.**, Akinwunmi S.A., Usikalu M.R., Emenike C.P., Zaidi E., Mohammad A.S. (2018) Radiation Exposure to Dwellers Due to Naturally Occurring Radionuclides Found in Selected Commercial Building Materials Sold in Nigeria. *Journal of Radiation Research and Applied Sciences* 11(3): 225-231.
24. Emmanuel E.S., Omeje M., Adewoyin O.O., **Ehi-Eromosele C.O.**, Saeed M.A. (2018) Comparative Analysis of Natural Radioactivity Content in Tiles made in Nigeria and Imported Tiles from China. *Scientific Reports* 8: 1842.
25. Emmanuel E.S., Omeje M., Adewoyin O.O., **Ehi-Eromosele C.O.**, Zaidi E., Oyawoye F. (2018) Assessment of Natural Radioactivity in Various Commercial Tiles Used for Building Purposes in Nigeria. *MethodsX* 5: 8-19.
26. Emmanuel E.S., Omeje M., Adewoyin O.O., **Ehi-Eromosele C.O.**, Zaidi E., Saeed M.A. (2018) Assessment of Natural Radionuclides and Its Radiological Hazards From Tiles Made in Nigeria. *Radiation Physics and Chemistry* 144: 43-47.
27. Anake, W. U, Akinsiku, A. A., **Ehi-Eromosele, C.O** (2014) Assessment of trace metals in drinking water and groundwater sources in Ota, Nigeria, *International Journal of Scientific and Research Publications* 4(5): 1-4.
28. Anake, W. U, **Ehi-Eromosele, C.O.**, Siyanbola, T. O., Edobor-Osoh, A., Adeniyi, I. O. and Taiwo, O. S. (2013) Physico-chemical and microbial assessment of different water sources in Ota, Ogun state, Nigeria. *International Journal of Current Research* 5 (7): 1797-1801.

29. Siyanbola T.O., Olanipekun E.O., Edobor-Osoh A., Adekoya J.A., Akinsiku A. A., **Ehi-Eromosele, C.O.** (2013) Basic Analytical Examination of Selected Streams and Their Water Quality in Ado-Ekiti (Southwestern Nigeria) and Its Neighbouring Villages. *African Journal of Geo-Science Research* 1(2): 7-11.
30. **Ehi-Eromosele C.O.**, Adaramodu A.A., Anake W.U., Ajanaku C.O., Edobor- Osoh, A. (2012) Comparison of Three Methods of Digestion for Trace Metal Analysis in Surface Dust Collected from an E-waste Recycling Site. *Nat Sci* 10(10): 42-47.
31. **Ehi-Eromosele, C.O.** and Okiei, W.O. (2012) Heavy Metal Assessment of Ground, Surface and Tap Water Samples in Lagos Metropolis using Differential Pulse Anodic Stripping Voltammetry. *Resources and Environment* 2(3): 82-86.
32. Osuide, M.O., **Ehi-Eromosele, C.O.**, Okojie, V.U. and Ademoroti, C.M.A. (2005) Chemical Coagulation Characteristics of Palm Oil Mill Effluent Using some Primary Coagulants. *International Journal of Chemistry* 15(4): 247 – 252.

### C. Physical/Inorganic/Organic Chemistry (Tertiary Research Interest)

33. Ogunniran K.O., Adekoya J.A., **Ehi-Eromosele C.O.**, Siyanbola T.O., **Aladesuyi O., Ajanaku C., Akinlolu K.**, Mehdi S.S., Narender T. (2016). Synthesis, Characterisation, Theoretical Treatment and Antitubercular Activity Evaluation of (E)-N'-(2,5-dimethoxybenzylidene)nicotinohydrazide and Some of its Transition Metal Complexes Against *Mycobacterium tuberculosis*, H37Rv. *Oriental Journal of Chemistry* 32(1): 413-427.
34. Ajani O.O., Udonne J.D., **Ehi-Eromosele C.O.**, Olugbuyiro J.A.O, Aderohunmu D.V., Ajanaku C.O., Audu O.Y. (2016) Synthesis and Spectral Study of N,N-diethyl-2-methyl-1- tosylpyrrolidine-2- carboxamide and Functionalized Sulfonamide Scaffolds. *Current Research in Chemistry* 8 (1-3): 10-20.
35. Ogunniran K.O., Adekoya J.A., **Ehi-Eromosele C.O.**, Ajani O.O., Akinlolu K., Narender T. (2016). (E)-N' (2, 4- dihydroxybenzylidene)nicotinohydrazide and its Metal Complexes: Synthesis, Characterisation and Antitubercular Activity. *Pak. J. Sci. Ind. Res. Ser. A: Phys. Sci.* 59 (2) 63-75.
36. Anawe P.A.L., Obi C.U., Mehdi S.S., Ogunniran K.O., Ita B.I., **Ehi-Eromosele C.O.\*** (2015). Experimental and Theoretical Studies of (E)- N'-1 (4 propylbenzylidene) nicotinohydrazide as Corrosion Inhibitor of Mild Steel in 1 M HCl. *Protection of Metals and Physical Chemistry of Surfaces* 51(3): 458-466.
37. Ogunniran K.O., Adekoya J.A., **Ehi-Eromosele C.O.**, Siyanbola T.O., Akinlolu K., Mesubi M.A., Narender T. (2015). Transition Metal Complexes of (E)-N'-(4-cyanobenzylidene)nicotinohydrazide): Synthesis, Structural and Anti-Mycobacterial Activity Study. *Journal of Applied Sciences* DOI: 10.3923/jas.2015.
38. **Ehi-Eromosele C.O.**, Edobor-Osoh A., Ajanaku C.O., Anake W.U., Aladesuyi O., Oduselu G.O. (2014) Equilibrium Studies of the Reactin of Turkey (*Meleagris gallopavo*) Haemoglobin Sulphydryl Groups with 5,5'-dithiobis(2-nitrobenzoate): Tertiary Conformatinal Change in Turkey Haemoglobin Induced by Inositol hexakisphosphate. *South Asian Journal of Experimental Biology* 4(4): 200-206.
39. Ita B.I., **Ehi-Eromosele C.O.**, Edobor-Osoh A., Ikeuba A.I. Solutions of the Schrodinger Equation with Inversely Quadratic Hellmann plus Inversely Quadratic Potential Using Nikiforov-Uvarov Method. *AIP Conference Proceedings* 1629, 360 (2014); doi: 10.1063/1.4902294.

40. Ita B.I., **Ehi-Eromosele C.O.**, Edobor-Osoh A., Ikeuba A.I., Anake T.A. Solutions of the Schrodinger Equation with Inversely Quadratic Effective plus Mie-Type Potential Using Nikiforov-Uvarov Method. AIP Conference Proceedings 1629, 235 (2014); doi: 10.1063/1.4902278
41. Ita B.I., Obong H.P., **Ehi-Eromosele C.O.**, Edobor-Osoh A., Ikeuba A.I. Solutions of Klein-Gordon Equation with Equal Scalar and Vector Harmonic Oscillator plus Inverse Quadratic Potential. AIP Conference Proceedings 1629, 162 (2014); doi: 10.1063/1.4902270.
42. Ogunniran, K.O., Ajani, O.O., **Ehi-Eromosele, C.O.**, Obaleye, J.A., Adekoya, J.A., and Ajanaku, C.O., (2012) Cu(II) and Fe(III) complexes of sulphadoxine mixed with pyramethamine: Synthesis, characterization, antimicrobial and toxicology study. *Int. J. Phys. Sci.* Vol. 7(13): 1998 – 2005.
43. Nwinyi Obinna C., Okonkwo C.O., Nwinyi C.E., Ajanaku K.O., Siyanbola T.O., Ogunniran K.O., **Ehi-Eromosele C.O.**, Akinsiku A.A., Ayano T. (2014) Evaluating the diesel biodegradation potential of wild microfungi isolated from decaying wood in Nigeria. *South Asian Journal of Experimental Biology* 4(3): 110-117.

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\*corresponding author

#### CONTRIBUTION TO BOOK

1. **Ehi-Eromosele C.O.**, Nwinyi O.C. and Ajani O.O. (2013) Integrated Pest Management, Weed and Pest Control - Conventional and New Challenges, Dr. Sonia Soloneski (Ed.), ISBN: 978-953-51-0984-6, InTech, DOI: 10.5772/54476.

#### MANUSCRIPTS SUBMITTED FOR PUBLICATION

1. **Ehi-Eromosele C.O.**, Indris S., Bramnik, N.N., Sarapulova A., Ehrenberg H., Structural and Electrochemical study of  $0.5\text{Li}_2\text{MnO}_3\text{-}0.5\text{LiNi}_{0.5}\text{Mn}_{0.3}\text{Co}_{0.2}\text{O}_2$  Composites and Core-Shell Cathode Materials for Lithium-ion Battery: A Comparative Study. Submitted to the *Journal of Power Sources*, 2018.
2. **Ehi-Eromosele C.O.**, Indris S., Bramnik, N.N., Trouillet V., Ehrenberg H., Solution combustion-mechanochemical synthesis of  $x\text{Li}_2\text{MnO}_3\text{.(1-x)LiMO}_2$  (M = Mn, Ni, Co) nanocomposite electrodes for Lithium-ion batteries. Submitted to *Energy Storage Materials*, 2018.

#### UNPUBLISHED CONFERENCE/WORKSHOP PAPERS AND PUBLIC LECTURES

1. **Ehi-Eromosele C.O.**, Indris S., Bramnik, N.N., Sarapulova A., Trouillet V., Ehrenberg H. Comparative Study of  $0.5\text{Li}_2\text{MnO}_3\text{-}0.5\text{LiNi}_{0.5}\text{Mn}_{0.3}\text{Co}_{0.2}\text{O}_2$  Composite and Core-Shell Li-ion Cathode Obtained by Solution Combustion-Mechanochemical Synthesis. **Poster presented** at the Electrochemistry at nano-interfaces: Faraday Discussion, University of Bath, Bath, UK; 26-28 June, 2018.
2. **Ehi-Eromosele C.O.**, Indris S., Ehrenberg H. Developing Novel Cathode Material for Lithium-ion Battery. **Turbo Talk Presentation:** Interdisciplinary research towards tackling the SDGs in Africa, Pembroke College, Oxford University, UK; 6-8 August, 2018.

3. **Ehi-Eromosele C.O.**, Indris S., Ehrenberg H. Synthesis and Characterization of Novel Cathode Composites/Core-Shell Structures for Li-Ion Battery. **Presentation:** 13<sup>th</sup> Humboldt-Tag, Karlsruhe Institute of Technology, Germany; July 27, 2017.
4. **Ehi-Eromosele C.O.** Synthesis, Characterisation and pH-Responsive Controlled Release Studies of 5-Fluorouracil Drug from Silica Coated La<sub>0.7</sub>Sr<sub>0.3</sub>MnO<sub>3</sub> Magnetic Nanoparticles. **Oral Presentation:** International Chemistry Conference, University of Lagos, February 15-17, 2016.
5. **Ehi-Eromosele C.O.** Silica Coated La<sub>0.7</sub>Sr<sub>0.3</sub>MnO<sub>3</sub> Magnetic Nanoparticles for Anti-cancer Therapeutics: Synthesis, Characterisation and pH Responsive Controlled Drug Release Studies. **Invited Talk:** AUSTECH International Conference – Materials Science and Engineering Symposium, African University of Science and Technology, Abuja, October 12-13, 2015.

### CONFERENCES ATTENDED

1. Diffraction on Energy Material School, Institut Laue-Langevin, Grenoble, France; 8-9 October, 2018.
2. ILL and ESS European User Meeting, World Trade Centre, Grenoble, France; 10-12 October, 2018.
3. AIC International Crystallography School 2018, Powder Diffraction: Theory, Software and Applications, University of Bari, Italy; 29 August – 2 September, 2018.
4. Interdisciplinary research towards tackling the SDGs in Africa, Pembroke College, Oxford University, UK; 6-8 August, 2018.
5. Royal Society of Chemistry Faraday Discussion: Electrochemistry at Nano-interfaces, Bath, UK, June 26-28, 2018.
6. 6<sup>th</sup> XPS Workshop, Karlsruhe Institute of Technology, Germany, June 20-22, 2018.
7. Women in Science Leadership Workshop, Kigali, Rwanda, March 22-25, 2018.
8. Network Meeting/Workshop of the Alexander von Humboldt Foundation, Regensburg, Germany, April 25-27, 2018.
9. Research Council UK GCRF Global Engagement Meeting, Nairobi, Kenya, January 31 – February 1, 2018.
10. Annual Meeting/Workshop of the Alexander von Humboldt Foundation, Berlin, Germany, June 28-30, 2017.
11. 13<sup>th</sup> Humboldt-Tag Workshop, Karlsruhe Institute of Technology, Germany, July 27, 2017.
12. Alexander von Humboldt Foundation Study Tour, Germany, August 14-26, 2017.
13. 7<sup>th</sup> Bonn Humboldt Award Winners' Forum – 'Fundamental Concepts and Principles of Chemical Energy Conversion', Bonn, Germany, October 11-15, 2017.
14. International Chemistry Conference, University of Lagos, February 15-17, 2016.
15. Workshop on Cancer Genomics and Bioinformatics, organised by the Cancer Prevention Research Group/CaPTC, Covenant University in conjunction with the University of Florida, 16 October 2016.
16. AUSTECH International Conference – Materials Science and Engineering Symposium, African University of Science and Technology, Abuja, October 12-13, 2015.
17. 2nd Covenant University International Conference on African Development Issues (CU-ICADI), Covenant University, Ota, Ogun, Nigeria, 11th – 13th May, 2015.
18. International Chemistry Conference, Covenant University, 2014.



19. In-Housing Lecture presentation titled “NOTAP Training on Intellectual Property Right (IPR) Management and Patenting” Covenant University, Nigeria; 14-16 May, 2014.
20. Institute of Public Analysts of Nigeria’s 16<sup>th</sup> Mandatory Training Workshop of. Theme: Sampling Techniques and Sample Analysis, Modern Trends held at Welcome Centre and Hotels, Lagos on 20-21 November, 2012.

## **B.Sc SUPERVISION**

<b>Year of Supervision</b>	<b>No. of Projects Per Session</b>
2016/2017	1
2015/2016	1
2014/2015	2
2013/2014	1
2012/2013	2
2011/2012	1
2009/2010	1
2003/2004	2

## **ACADEMIC LINKAGES**

1. Institute for Applied Materials - Energy Storage Systems, Karlsruhe Institute of Technology (KIT), Hermann-von-Helmholtz-Platz 1, 76344 Eggenstein-Leopoldshafen, Germany. Collaboration with Prof. H. Ehrenberg and Dr. S. Indris.
2. International Centre for Materials Science, JNCASR, Bangalore, India. Collaboration with Prof. C.N.R. Rao
3. Instituto de Magnetismo Aplicado, Universidad Complutense de Madrid, UCM-ADIF-CSIS, Spain. Collaboration with Prof. Patricia de la Presa
4. Department of Chemistry, College of Science, Al-Nahrain University, Al-Jadrya, Baghdad-Iraq. Collaboration with Dr. Mehdi S Shihab,
5. Faculty of Science, Fayoum University, 63514 Fayoum, Egypt. Collaboration with Dr. Ahmed S. G. Khalil.

## **MEMBERSHIP OF PROFESSIONAL BODIES**

1. Member, Royal Society of Chemistry 2018
2. Affiliateship Member, African Academy of Science (AAS) 2017-2021
3. Member, Nigeria Young Academy 2017-2021
4. Member, Chemical Society of Nigeria (CSN) 2016

## **EDITORIAL ENGAGEMENTS (REVIEWER)**

1. Journal of Physics and Chemistry of Solids (Elsevier)
2. Journal of Alloys and Compounds (Elsevier)
3. Ceramics International (Elsevier)
4. ACS Omega Journal (American Chemical Society)
5. Basic and Applied Research International
6. International Research Journal of Public and Environmental Health
7. Polish Journal of Environmental Science

## **EXTRA CURRICULAR ACTIVITIES**

Watching and playing Football

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