

Curriculum Vitae *Re: Oguejiofo T. Ujam (PhD)*

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Curriculum Vitae Re: *Oguejiofo T. Ujam (PhD)*

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Personal Details

Full Name: Oguejiofo T. Ujam

Place of Birth: Enugu State, Nigeria

Marital Status: Married

Nationality: Nigeria

Contact Address: Department of Pure and Industrial Chemistry,
University of Nigeria, Nsukka 410001, Enugu State, Nigeria.

Summary of Research Career

I obtained a BSc (Hons) in Industrial Chemistry in 1998 and proceeded to work as a Graduate Assistant at Madonna University Okija, Ihiala, Anambra State in 1999. I was appointed a Graduate Assistant in 2003 in Department of Pure and Industrial Chemistry, University of Nigeria, Nsukka during my candidature for MSc programme in Inorganic Chemistry. After the completion of my M.Sc. programme in 2006, I was appointed an Assistant Lecturer. In 2007, I proceeded for a PhD research programme in Inorganic Chemistry at the School of Science and Engineering, University of Waikato, Hamilton, New Zealand which was completed in November 2011. During my PhD candidature, I was awarded the Department of Chemistry and the University of Waikato Doctoral Scholarship. I was also a recipient of an Education New Zealand Postgraduate Study Abroad Scholarship for an academic visit to the Department of Chemistry, National University of Singapore. I returned to University of Nigeria, Nsukka after my PhD programme in 2011 and resume my position as a Lecturer I and was promoted to the position of Senior Lecture in 2013.

Current Research Interests

- ✚ Ligand design and modification
- ✚ Synthesis of coordination/organometallic complexes of transition metals.
- ✚ Electrospray Ionisation Mass Spectrometry (ESI-MS) as a monitoring tool in the synthesis and characterisation of coordination and organometallic complexes.
- ✚ X-ray crystallography.
- ✚ Chemical Analysis

General Field of Expertise

Ligand design and syntheses of inorganic, coordination and organometallic compounds, analytical chemistry, material characterisation, mass spectrometry and multi nuclear NMR spectroscopy.

Curriculum Vitae Re: Oguejiofo T. Ujam (PhD)

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Education

Doctor of Philosophy in Chemistry (2007-2011)

Department of Chemistry
School of Science
University of Waikato, Hamilton,
New Zealand.

Master of Science in Inorganic Chemistry (2003-2006)

Department of Pure and Industrial Chemistry
Faculty of Physical Sciences
University of Nigeria, Nsukka 410001
Enugu State, Nigeria.

Bachelor of Industrial Chemistry Honours (1992-1998)

Department of Pure and Industrial Chemistry
Faculty of Physical Sciences
University of Nigeria, Nsukka 410001,
Enugu State, Nigeria.

Employment History

1 Research Assistant (2014 - 2015)

Department of Chemistry
Victoria University Canada
Victoria, BC, V8W 3V6. Canada

2 Senior Lecturer (2013 - Date)

Department of Pure and Industrial Chemistry
University of Nigeria, Nsukka.
Responsibilities: Research, teaching and supervision of students research projects

3 Lecturer I (2010 - 2013)

Department of Pure and Industrial Chemistry
University of Nigeria, Nsukka.
Responsibilities: Research, teaching and supervision of students research projects

4 Lecturer II (2007 - 2010)

Department of Pure and Industrial Chemistry
University of Nigeria, Nsukka.
Responsibilities: Research, teaching and supervision of students research projects

4i Factory Chemist (2008 - 2010)

Finex Limited, Hamilton, New Zealand.
Responsibilities: Control of the chemistry & all equipment in the aluminium anodizing plant

4ii Sessional Assistant

Department of Chemistry
School of Science and Engineering
University of Nigeria, Nsukka

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5 Assistant Lecturer (2006 - 2007)

Department of Pure and Industrial Chemistry
Faculty of Physical Sciences
The University of Nigeria, Nsukka

Responsibilities: Research, teaching and supervision of undergraduate students projects.

6 Graduate Assistant (2003 - 2006)

Department of Pure and Industrial Chemistry
Faculty of Physical Sciences
University of Nigeria, Nsukka.

7 Graduate Assistant (1999 - 2003)

Department of Industrial Chemistry
Madonna University, Okija
Ihiala, Anambra State.

Scholarships and Awards

The University of Waikato Doctoral Research Scholarship (2009-2011)

Department of Chemistry, University of Waikato, Scholarship (2007-2009)

Education New Zealand Postgraduate Travel Award (2009)

Research Experience

Book and Monograph

1. **Oguejiofo T. Ujam**, [Pt₂(μ-S)₂(PPh₃)₄]: An Investigation of the Multifunctional Alkylation Chemistry, ISBN: 978-3-659-22378-5, LAP LAMBERT academic publishers, Germany, 2013

Peer-Reviewed Journal Publications

1. **Oguejiofo T. Ujam**, Ogbonna C. Ogbonna, Joshua I. Ume, Allen G. Oliver and Charles C. Chime, Crystal Structure of 4-hydroxy-6-methyl-3-[(1*E*)-1-(2-phenylhydrazinylidene)ethyl]-3,4-dihydro-2*H*-pyran-2-one, **Journal of Structural Chemistry**, In Press.
2. Nnaemeka J.N.Nnaji, **Oguejiofo T. Ujam**, Nkechi E. Ibisi, Julius U. Ani, Thereasa O. Onuegbu, Lukman O. Olasunkanmi, Eno E. Ebenso, Morpholine and piperazine based carboxamide derivatives as corrosion inhibitors of mild steel in HCl medium, **Journal of Molecular Liquids**, 2017, 230, 652-661.
3. Charles O. Nwuche, **Oguejiofo T. Ujam**, Akachukwu Ibezim and Ifeoma B. Ujam, Experimental and *In-silico* Investigation of Anti-microbial Activity of 1-chloro-2-isocyanatoethane Derivatives of Thiomorpholine, Piperazine and Morpholine, **PLOS ONE**, 2017, 12(1), e0170150. <http://dx.doi.org/10.1371/journal.pone.0170150>
4. Akachukwu Ibezim, Nwodo Justina N., Nnaemeka J. N. Nnaji, **Oguejiofo T. Ujam**, Olujide O. Olubiyi, Chika John Mbah, *In-silico* Investigation of Morpholines as a Novel Class of Trypanosomal Triosephosphate Isomerase Inhibitors, **Medicinal Chemistry Research**, 2016, 26,180–189.

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5. Janfrances N. Ihedioha, **Oguejiofo T. Ujam**, Charles O. Nwuche, Romanus N. Ekere, Charles C. Chime, Assessment of Heavy Metal Contamination of Rice Grains (*Oryza sativa*) and Soil from Ada Field, Enugu, Nigeria: Estimating the Human Health Risk, **Human and Ecological Risk Assessment: An Internat. Journal**, 2016, 22, 8, 1665–1677.
6. **Oguejiofo T. Ujam**, Ogochuwu. E. Offie, Pius O. Ukoha, Allen G Oliver, Joshua I. Ume, Rhonda Stoddard and J. Scott McIndoe, Alkylolation of $[\text{Pt}_2(\mu\text{-S})_2(\text{PPh}_3)_4]$ with boronic acid derivatives, **Journal of Coordination Chemistry**, 2016, 69, 19, 2807–2818.
7. **Oguejiofo T. Ujam**, Rhonda Stoddard, Eric Janusson, J. Scott McIndoe, Allen G. Oliver, Paschal C. Odoh and Ogbonna C. Ogbonna, Reactivity of $[\text{Pt}_2(\mu\text{-S})_2(\text{PPh}_3)_4]$ towards activated aliphatic bromoacyl electrophiles: formation of mono-, homodi-, hetrodi- and intermolecular-bridged alkylated products, **Inorganica Chimica Acta**, 2016, 450, 92-100.
8. Simeon Atiga, Pius O. Ukoha, **Oguejiofo T. Ujam**, Jonnie Niyi Asegbeloyin, Solomon E. O. Okereke and Obinna Okpareke, Kinetic and mechanistic studies on the reduction of an adipato bridged iron(III)-salen complex with dithionite ion in perchloric acid medium, **Croatia Chemica Acta**, 2015, 88, 250-266.
9. Pius O. Ukoha, **Oguejiofo T. Ujam** and Johnson F. Iyun and Solomon E. Okereke, Mechanism of the oxidation of L-cysteine by tetraoxoiodate(VII) in aqueous acid medium, **Asian Journal of Chemistry**, 2015, 27, 3777-3780.
10. Simeon Atiga, Pius O. Ukoha and **Oguejiofo T. Ujam**, Dynamics of electron transfer reaction of trioxosulfate(IV) ion with dinuclear iron(III)-salen complex in perchloric acid medium, **Asian Journal of Chemistry**, 2015, 27, 1274-1278.
11. Chukwuemeka A. Nwadinigwe, I. V. Anigbogu and **Oguejiofo T. Ujam**, Studies on precipitation performance of n-heptane and n-pentane/n-heptane on C7 and C5/C7 asphaltenes and maltenes from 350°C atmospheric residuum of three Nigerian light crude, **Journal of Petroleum Exploration and Production Technology**, 2015, 5, 403-407.
12. Jonnie N. Asegbeloyin, **Oguejiofo T. Ujam**, Chizoba M. Ngige, Valentine I. Onwukeme and Tania Groutso, N'-[(1E)-1-(6-methyl-2,4-dioxo-2H-pyran-3(4H)-ylidene)ethyl] benzene sulfonohydrazide, **Crystallographica Section E**, (2014) E70, o1179.
13. Jonnie N. Asegbeloyin, **Oguejiofo T. Ujam**, Emmanuel C. Okafor, Ilknur Babahan, Esin Poyrazoglu Coban, Ali Ozmen and Halili Biyik, Synthesis, Characterization and Biological activity of 2'-[(phenyl)(1-phenyl-3-methyl-5-oxo-4,5-dihydro-1H-pyrazole-4-ylidene)methyl]-1-phenacylhydrazide and its Co(II), Ni(II), Zn(II) and Cu(II) complexes, **Bioinorganic Chemistry and Application**, 2014, <http://dx.doi.org/10.1155/2014/718175>
14. Nkechinyere N. Ukwueze, Pius O. Ukoha, **Oguejiofo T. Ujam**, Jonnie N. Asegbeloyin and Tania Groutso, N'-[(1Z)-1-(3-methyl-5-oxo-1-phenyl-1,5-dihydro-4H-pyrazol-4-ylidene)hexyl]benzenesulfonohydrazide, **Acta Crystallographica E**, 2014, E70, o730.
15. **Oguejiofo T. Ujam**, Jonnie N. Asegbeloyin, Brian K. Nicholson, Pius O. Ukoha and Nkechi N. Ukwueze, N-(2-Chloroethyl)morpholine-4-carboxamide, **Acta Crystallographica Section E**, 2014, E70, o463.
16. Simeon Atiga, Pius O. Ukoha, **Oguejiofo T. Ujam** and Obinna C. Okpareke, Kinetics and mechanism of the reduction of μ -adi-di[N,N'-bis{salicylideneethylenediaminatoiron (III)}] by dithionate ion, **Transition Metal Chemistry**, 2014, 39,189–194
17. **Oguejiofo T. Ujam**, Kyle Devey, William Henderson, Brian K. Nicholson, Michael R. Mucalo, Corry Decker and T. S. Andy Hor, Immobilisation of $[\text{Pt}_2(\mu\text{-S})_2(\text{PPh}_3)_4]$ on polymeric supports by sulfide alkylation and phosphine exchange reactions, **Phosphorus**,

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- Sulfur, Silicon and Related Elements**, 2013, 188, 1508-1525.
18. **Oguejiofo T. Ujam**, William Henderson and Brian K. Nicholson, A Zwitterionic mono alkylated derivative of $[\text{Pt}_2(\mu\text{-S})_2(\text{PPh}_3)_4]$ from 1,3-Propanesultone, **Journal of Structural Chemistry**, 2013 54, 523-527. DOI: 10.1134/S0022476613030074
 19. Chizoba I. Ezugwu, **Oguejiofo T. Ujam**, Pius O. Ukoha and Nkechi N. Ukwueze, Complex Formation and Extraction Studies of N, N'-bis(salicylidene)-3,5-diaminobenzoic acid on Hg(II) and Ag(I) ions, **Chemical Science Transactions** 2013, 2, 1118-1125.
 20. Obinna C. Okparake, Jonnie N. Asegbeloyin, Emmanuel C. Okafor, **Oguejiofo T. Ujam** and S. O. E. Okereke, Synthesis and Spectroscopic Characterisation of Cobalt(II) complexes of 1-phenyl-3-methyl-4-acylpyrazol-5-derivatives, **International Journal of Chemical Sciences**. 10, 2012, 1849-1858.
 21. Pius O. Ukoha, Chinelo U. Alioke, **Oguejiofo T. Ujam**, Jonnie N. Asegbeloyin and Nkechiyere N. Ukwueze. Kinetics and mechanism of the reduction of N, N'-salicylidene iminationiron(III) complex ion by L-ascorbic acid in aqueous acid medium, **Journal of Chemistry and Materials Research**, 2012, 2, 48-57.
 22. **Oguejiofo T. Ujam**, Sarah M. Devoy, William Henderson, Brian K. Nicholson and T. S. Andy Hor, A novel ring-expansion reaction of dialkylated derivatives of $[\text{Pt}_2(\mu\text{-S})_2(\text{PPh}_3)_4]$ involving Pt-C bond formation, **Dalton Transactions**, 2012, 41, 12773-12780.
 23. Ashwin Gopalan Nair, **Oguejiofo T. Ujam**, Joseph R. Lane, William Henderson and Brian K. Nicholson, Platinum(II) complexes containing the 3,3-dimethylglutarimidate ligand, **Journal of Coordination Chemistry**, 2012, 65, 3731-3739.
 24. Nikolas D. Kitson, William Henderson, Brian K. Nicholson, and **Oguejiofo T. Ujam**, Synthesis and characterization of a platinum(II) complex of camphenylphosphonic acid, **Journal of Coordination Chemistry**, 2011, 64, 3408-3418.
 25. **Oguejiofo T. Ujam**, Sarah M. Devoy, William Henderson, Alistair L. Wilkins, Brian K. Nicholson, E/Z isomerism in monoalkylated derivatives of $[\text{Pt}_2(\mu\text{-S})_2(\text{PPh}_3)_4]$ containing 2,4-dinitrophenyl hydrazone substituents, **Journal of Coordination Chemistry**, 2011, 64, 2782-2790.
 26. **Oguejiofo T. Ujam**, William Henderson, Brian K. Nicholson, T. S. Andy Hor. Further studies on the dialkylation chemistry of $[\text{Pt}_2(\mu\text{-S})_2(\text{PPh}_3)_4]$, **Inorganica Chimica Acta**, 2011, 376, 255-263.
 27. William Henderson, Brian K. Nicholson, **Oguejiofo T. Ujam**, Further investigations on the methylation chemistry of $[\text{Pt}_2(\mu\text{-S})_2(\text{PPh}_3)_4]$, **Journal of Coordination Chemistry**, 2011, 64, 2771-2781.
 28. **Oguejiofo T. Ujam**, William Henderson, Brian K. Nicholson, Christopher M. Fitchett, The reactivity of $[\text{Pt}_2(\mu\text{-S})_2(\text{PPh}_3)_4]$ towards difunctional chloroacetamide alkylating agents: Formation of cyclized or bridged products, **Inorganica Chimica Acta**, 2011, 375, 220-227.
 29. Pius. O. Ukoha, Jonnie Niyi Asegbeloyin, Chinelo Alioke, **Oguejiofo T. Ujam**, Kinetics and mechanism of the oxidation of dithionate ion by N,N'-ethylenebis-[salicylideneim inato] iron(III) complex in aqueous perchloric acid medium, **Journal of Chemical Society of Nigeria**, 2010, 35, 163-170.
 30. **Oguejiofo T. Ujam**, Sarah M. Devoy, William Henderson, Brian K. Nicholson, T. S. Andy Hor, Dinuclear platinum complexes with designer thiolate ligands from the monoalkylation of $[\text{Pt}_2(\mu\text{-S})_2(\text{PPh}_3)_4]$, **Inorganica Chimica Acta**, 2010, 363, 3558-3568.

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31. Jonnie N. Asegbeloyin, Onyimonyi, Anslem. E., Ujam, **Oguejiofo T. Ujam**, Nkechinyere N. Ukwueze, Pius O. Ukoha, Assessment of toxic trace metals in selected fish species and parts of domestic animals, **Pakistan Journal of Nutrition**, 2010, 9, 213-215.
32. **Oguejiofo T. Ujam**, Chukwuemeka A. Nwadinigwe, Jonnie N. Asegbeloyin, , Pius O. Ukoha, Spectra, structure and biological activities of N-phenyl-2-(2-thienyl)ethanehydrazonoyl chloride (TPH) and its Co(II), Ni(II) & Cu(II) complexes, **International Journal of Chemistry**, 2009, 19, 233-239.
33. Jonnie N. Asegbeloyin, Godwin I. C. Nwokedi, Pius O. Ukoha, **Oguejiofo T. Ujam**, Determination of nitrate and nitrite contents of some Nigerian edible leafy vegetables, **International Journal of Chemistry**, 2009, 19, 183-189.
34. **Oguejiofo T. Ujam**, Chukwuemeka A. Nwadinigwe, Pius O. Ukoha, Jonnie N. Asegbeloyin, Synthesis, characterization and antimicrobial activity of an hydrazone derived from 2-thienyl acetylchloride and phenylhydrazine and its Mn(II) and Zn(II) complexes, **International Journal of Chemistry**, 2008, 18, 9-13.

Manuscripts under Review

- 1 Pius O. Ukoha, Uchechukwu S. Oruma and **Oguejiofo T. Ujam**, Reduction of vanadium(V) by thiophenol in aqueous perchloric acid medium: kinetics and mechanism, **Journal of the Chemical Society of Pakistan**, 2016
- 2 **Oguejiofo T. Ujam**, Chimezie P. Ozoemena, Jonnie N. Asegbeloyin, Nkechinyere N. Ukwueze and Nnoye V. Ejezie, Alkylation of Platinum(II) Chalcogenide Complex $Pt_2(\mu-S)_2(PPh_3)_4$ with some 2-chloroisocyanate and pyridine-imino electrophiles, **Bulletin of Ethiopian Chemical Society**, 2016.
- 3 Charles O. Nwuche, **Oguejiofo T. Ujam**, Janefrances N. Ihedioha, Charles C. Chime, Sylvanus O. Ugwuda, An '*ex situ*' microbial process for the removal of heavy metals from polluted soil: a case study of Ada rice field, Adani, Enugu State, Nigeria. **Bioremediation Journal**, 2017.

Manuscripts in Preparation

- 1 Pius O. Ukoha, Ndidiamaka Agbo, **Oguejiofo T. Ujam** and Tania Groutso, Synthesis, Characterization and Antimicrobial Activities of a Novel Schiff Base Ligand and the Co(II), Fe(III), Ni(II) and Cu(II) Complexes.
- 2 **Oguejiofo T. Ujam**, Dialkylation of zwitterion monoalkylated derivatives of $[Pt_2(\mu-S)_2(PPh_3)_4]$.
- 3 **Oguejiofo T. Ujam**, William Henderson, Brian K. Nicholson and Michael R. Mucalo, X-Ray Photoelectron Spectroscopy (XPS) and Solid State $^{31}P\{^1H\}$ NMR Characterisation of $[Pt_2(\mu-S)_2(PPh_3)_4]$ Immobilized on Polymer Supports

Postgraduate Research Supervision

S/N	Name and Reg. No.	Research Topic (M.Sc.)	Status
1.	Ozoemena, Chimezie P. PG/MSc/12/61786	Alkylation of $[Pt_2(\mu-S)_2(PPh_3)_4]$ with some 2-chloroisocyanate electrophiles	Completed (2015)

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2.	Offie, Ogochukwu E. PG/MSc/13/65212	Alkylation of $[\text{Pt}_2(\mu\text{-S})_2(\text{PPh}_3)_4]$ with Boronic Acid Derivatives by Pressurized Sample Infusion Electrospray Ionization Mass Spectrometry (PSI-ESI-MS) Technique	Completed (2016)
3.	Ogbonna, Ogbonna C. PG/MSc/14/68282	An Investigation of the Reactivity of $[\text{Pt}_2(\mu\text{-S})_2(\text{PPh}_3)_4]$ Toward Activated Aliphatic Bromoacyl Electrophiles, $\text{BrCH}_2\text{C}(\text{O})\text{C}(\text{CH}_3)_3$ and $\text{BrCH}_2\text{C}(\text{O})\text{CH}_2\text{CH}_3$: Formation of Mono- and Homodialkylated Products	Completed (2016)
4.	Odo, Chimezie P. (PG/MSc/14/68296)	The Reactivity of $[\text{Pt}_2(\mu\text{-S})_2(\text{PPh}_3)_4]$ Toward Activated Aliphatic Bromoacyl Electrophiles, $\text{BrCH}_2\text{C}(\text{O})\text{C}(\text{CH}_3)_3$ and $\text{BrCH}_2\text{C}(\text{O})\text{CH}_2\text{CH}_3$ and $\text{BrCH}_2\text{C}(\text{O})\text{C}(\text{O})\text{CH}_2\text{Br}$: Formation of Hetero- and bridged-dialkylated Products	In Progress
5	Nweze, Philip N.	Multifunctionalization of $[\text{Pt}_2(\mu\text{-Se})_2(\text{PPh}_3)_4]$ by Alkylation	In progress

External Research/Thesis/Project Examination

S/N	Name and Institution	Title of Master of Science (MSc) Project	Year
1	Wael Khalil Mahmoud Department of Chemistry Faculty of Science, Cairo University, Egypt.	Physicochemical characteristics of some metal complexes of mannan ligand extracted from <i>Saccharomyces cerevisiae</i> yeast grown on sugar cane molasses	2016

Papers Reviewed/Journal

S/N	Article No.	Title	Publisher/Journal	Year
1	SCON-D-16-00137	Investigation of the thermal and dielectric behaviour of epoxy nano-hybrids from silane modified nano ZnO	Springer/Silicon	2016
2	SNB-D-16-00165	Fluorescence sensing of potential NLO material by bunsenite NiO nano flakes: Room temperature magnetic studies	Elsevier/Sensors and Actuators B: Chemical	2016
3	AJPAC-19.02.16-0677	Kinetics and Mechanism of KMnO_4 Oxidation of Ketones in NaOH Medium	African Journal of Pure and Applied Chemistry	2016
4	JICS-D-16-00004	Optical, magnetic and photocatalytic properties of magnetically separable Fe_3O_4 doped ZnO and pristine ZnO nanospheres	Springer/Journal of the Iranian Chemical Society	2016
5	SNB-D-15-02904	Switch-Off fluorescence of 5-amino-2-mercapto benzimidazole with Ag_3O_4	Elsevier/Sensors and Actuators B:	2015

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		nanoparticles: Experimental and theoretical investigations	Chemical	
6	GCOO-2015-0470	Anion and solvent effects on the coordination behavior of N-(2-pyridinylmethylene)benzoylhydrazone with copper(II): Synthesis and structural characterization	Taylor and Francis/Journal of Coordination Chemistry	2015

Conference and Seminar Presentations

- Author(s)* Asegbeloyin, J. N., **Ujam, O. T.**, Ngige, C. M., Onwukeme, V. I. and Groutso, T.

Topic **N'-[(1E)-1-(6-methyl-2,4-dioxo-2H-pyran-3(4H)-ylidene)ethyl]benzenesulfono hydrazide**

Conference Chemical Society of Nigeria, Enugu State-Coalcitychem

Category and Year Conference – Abstract (Oral Presentation), 2014.
- Author(s)* **Ujam, O. T.**, Ejikeme, P. M., Devey, K., Henderson, W., Nicholson, B. K. Mucalo, M. R., Decker, C., Hor, T. S. A. Travas-Sejdic, J., and Agbo, I. U.

Topic **Immobilisation of [Pt₂(μ-S)₂(PPh₃)₄] on polymeric supports by phosphine exchange reactions**

Conference Polymer Institute of Nigeria, Annual Technical Conference/AGM. Benin

Category and Year Conference – Abstract (Oral Presentation), 2012.
- Author(s)* **Ujam, O. T.**, Ejikeme, P. M., Devey, K., Henderson, W., Nicholson, B. K. Mucalo, M. R., Decker, C., Hor, T. S. A. Travas-Sejdic, J., and Agbo, I. U.

Topic **Immobilisation of [Pt₂(μ-S)₂(PPh₃)₄] on polymeric supports by sulfide alkylation reactions**

Conference Polymer Institute of Nigeria, Annual Technical Conference/AGM. Benin

Category and Year Conference – Abstract (Oral Presentation), 2012.
- Author(s)* **Ujam, O. T.**

Topic **Chemistry by ESI-MS: Studies of the reactivity of the metalloligands [Pt₂(μ-S)₂(PPh₃)₄]**

Conference Chemical Society of Nigeria, Enugu State-Coalcitychem

Category and Year Conference Plenary Lecture, 2012.
- Author(s)* **Ujam, O. T.**, Henderson, W., Nicholson, B. K., Hor, T. S. A.

Topic **Electrospray Ionisation Mass Spectrometry (ESI-MS) directed multifunctional alkylation of [Pt₂(μ-S)₂(PPh₃)₄]**

Conference M5 5th Australian Organometallics Meeting

Category Conference – Abstract (Oral Presentation), 2010.
- Author(s)* Asegbeloyin, J. N., **Ujam, O. T.**, Ukwueze, N. N., Onyinmoyi, A. E.

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- and Ani, J. U.
Topic **Assessment of selected mineral elements and toxic trace metals in some broiler chicken parts and poultry feeds**
Conference Annual Conference of the Chemical Society of Nigeria. Anambra.
Category and Year Conference – Abstract (Oral Presentation), 2009.
- 7 *Author(s)* Asegbeloyin, J.N, Ukwueze, N.N., Onyinmonyi, A.E. and **Ujam, O. T.**
Topic **Assessment of toxic trace metals in selected fish species and parts of domestic animals**
Conference Annual Conference of Chemical Society of Nigeria. Bauchi
Category and Year Conference – Abstract (Oral Presentation), 2009.
- 8 *Author(s)* **Oguejiofo T. Ujam**
Topic **Electrospray Ionisation Mass Spectrometry (ESI-MS) Monitored Multifunctional Alkylation of [Pt₂(μ-S)₂(PPh₃)₄]**
Seminar Academic Seminar, Department of Chemistry, National University of Singapore, 2009.
- 9 *Author(s)* Asegbeloyin, J. N., Ukoha, P. O., **Ujam, O. T.**, Ukwueze, N. N. and Obasi, L. N.
Topic **Some metal complexes of salicylideneisonicotinoylhydrazone and Cinnamalidene isonicotinoylhydrazone: synthesis and spectroscopic studies**
Conference Annual Conference of Chemical Society of Nigeria. Deltachem
Category and Year Conference – Abstract (Oral Presentation), 2008.
- 10 *Author(s)* **Ujam, O. T.**, Henderson, W., Nicholson, B. K., Hor, T. S. A.
Topic **Electrospray Ionisation Mass Spectrometry (ESI-MS) monitored synthesis and characterisation of multifunctional alkylated derivatives of [Pt₂(μ-S)₂(PPh₃)₄]**
Conference Inorganic Chemistry Conference, New Zealand IC08
Category and Year Conference – Abstract (Poster Presentation), 2008.
- 11 *Author(s)* Ukoha, P.O., Ujam, **O. T.**, Nwadinigwe, C.A. and Asegbeloyin, J.N.
Topic **Synthesis, characterization and antimicrobial activity of new hydrazone derived from 2-thienylacetylchloride and phenyl hydrazine and its Mn(II) and Zn(II) complexes.**
Conference Annual Chemical Society of Nigeria Conference, Zaria Branch
Category and Year Conference – Abstract (Oral Presentation), 2006.

Membership of Professional Associations

1. Chemical Society of Nigeria
2. Institute of Chartered Chemists of Nigeria
3. New Zealand Institute of Chemistry
4. Royal Society of Chemistry

Administrative Positions

1. Member University of Nigeria, International Students Advisory Committee (2014-date).

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2. Publicity Secretary, Chemical Society of Nigeria, Enugu State, Chapter (2005-2006).
3. The Head, Department of Industrial Chemistry, Madonna University Okija, (1999-2001).
4. Deputy Liaison Officer, National Youth Service Corp, Bida, Niger State (1998-1999)
5. Financial. Secretary. Student Chem. Soc. of Nigeria, University of Nigeria (1997-1998).
6. Deputy Senior Prefect, College of the Immaculate Conception (CIC), Enugu (1988-1989).

Community Services

1. ROTARY Club of Ihiala Urban, District 9140:- participated in several community development services such as visit to motherless babies home.

Extracurricular Activities

1. Chess and Football
2. Humanitarian Services, Travels and Tourism
3. Fine Arts and Politics

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