

UNIVERSITY OF NIGERIA, NSUKKA

CURRICULUM VITAE, ACADEMIA

1. **Surname:** Ukwueze (nee Nwobi)      **Other names:** Nkechinyere Nwanneka

2. **Faculty:** Physical Sciences      **Department:** Pure and Industrial Chemistry

3. **Phone:** +2348059042532      **E-mail:** nkechinyere.ukwueze@unn.edu.ng

4. **Present position:** Senior Lecturer

**5. Education:**

M.Sc	Inorganic/Coordination Chemistry	July, 2005	University of Nigeria, Nsukka
B.Sc	Pure and Industrial Chemistry	December, 1998	University of Nigeria, Nsukka

**6. Teaching and Professional Experience**

<b>Date</b>	<b>Post</b>
1/10/2014	Senior lecturer
1/10/2009	Lecturer I
1/10/2006	Lecturer II
01/07/2005	Assistant Lecturer
10/09/2001	Graduate Assistant

**7 Research Skills:**

Synthesis of Coordination and Organometallic compounds especially of main group and transition metals.

**8. Presentations:**

1. Crystal Structure of *N'*-(1-(3-methyl-5-oxo-1-phenyl-4,5-dihydro-1*H*-pyrazol-4-yl)butyryl) benzenesulfonohydrazide a paper presented at Coalcitychem 2016.

2. E/Z isomerism in monoalkylated derivatives of  $[\text{Pt}_2(\mu\text{-S})_2(\text{PPh}_3)_4]$  containing 2,4-dinitrophenyl hydrazone substituents a paper presented at Coalcitychem 2012.
3. Observations on 4-[[Benzoyl-Hydrazonyl]Trifluoroacetyl]-3-methyl-1-phenylpyrazol-5-one A new potential ONO donor Schiff base ligands.a paper presented at Coalcitychem 2012.
4. An analytical Assay of the Toxic Trace Metals & Mineral Elements in Broiler Chicken Raised at Nsukka paper presented at Coalcitychem 2010.
5. Study on the degree of exposure of Tapioca (local cassava condiment) to some heavy metals during drying a paper presented at 4<sup>th</sup> Anachem 2009.
6. Assessment of toxic trace metals in selected fish species and parts of domestic animals a paper presented at 32th Annual Conference of Chemical Society of Nigeria. Bauchi 2009.
7. Study of Nitrate and Nitrites content of Leaves of Some Locally Used Medicinal Plant Materials a paper presented at Coalcitychem2008.
8. Some metal complexes of salicylideneisonicotinoylhydrazone and Cinnam- alidene isonicotinoylhydrazone: Synthesis and Spectroscopic studies a paper presented at Deltachem 2008.
9. Trace Heavy Metal levels of Selected Fish Species and Domestic Animals a paper presented at Coalcitychem2008.
10. Determination of nitrate and nitrite contents of some Nigerian leafy vegetables a paper presented at ASOCHEM Abuja 2007.
11. Potentials of 3,3',4',5,7-Pentahydroxyflavylium of Hibiscus rosa-sinensis L(Malvaceae) flowers as ligand in the quantitative determination of Pb, Cd and Cr. A paper presented at Ekochem 2006 Lagos.

## 9. Publications

1. J.N. Asegbeloyin, E.C. Okafor, N.N. Ukwueze, I. Babahan and I.C. Agbo (2014) Synthesis, Characterization and Antimicrobial Screening of Some 4-Acylpyrazoloimines and Some 3d Transition Metal(II) Complexes, Asian Journal of Chemistry, vol.26,2753-2758

2. **Nkechinyere N. Ukwueze**, Pius O. Ukoha, Oguejiofo T. Ujam, Jonnie N. Asegbeloyin and Tania Groutso (2014) N<sup>1</sup>-[(1Z)-1-(3-methyl-5-oxo-1-phenyl-1,5-dihydro-4H-pyrazol-4-ylidene)hexyl]benzenesulfonohydrazide, *Acta Crystallographica Section E* 70,730-731.
3. Oguejiofo T. Ujam, Jonnie N. Asegbeloyin, Brian K. Nicholson, Pius O. Ukoha and **Nkechi N. Ukwueze** (2014), N-(2-Chloroethyl)morpholine-4-carboxamide, *Acta Cryst. E* 70, o463 doi:10.1107/S1600536814005832
4. M.O. Agbo, C.O. Nnadi, **N.N. Ukwueze**, F.B.C. Okoye (2014) Phenolic constituents from *Platycerium bifurcatum* and their antioxidant properties, *Journal of Natural Products*, Vol. 7 , 48-57.
5. J. N. Asegbeloyin, **N. N. Ukwueze**, J.N. Ihedioha and A. E. Onyimonyi (2013) Study on the degree of exposure of tapioca (local cassava condiment) to some heavy metals during drying , *Int. J. Chem. Sci.*: 11(4), 1901-1906.
6. Chizoba I. Ezugwu, Oguejiofo T. Ujam, Pius O. Ukoha and **Nkechi N. Ukwueze**.(2013) Complex Formation and Extraction Studies of N, N'-bis(salicylidene)-3,5-diaminobenzoic acid on Hg(II) and Ag(I) ions, *Chemical Science Transactions* .2(4), 1118-1125
7. J.N. Asegbeloyin, **N.N. Ukwueze**, O.C. Okpareke, O., F.U. Eze and I.C. Agbo.(2013) Synthesis, characterization and antimicrobial screening of 3[(1E)-1-hydrazinylidenebutyl-4-methyl-1-phenylpyrazolin-2-one and its Co (II), Cu (II), Ni(II) and Fe(III) complexes. *J. Chem. Soc., Nig.* 38(1), 95-101.
8. Chinelo Uzomma Alioke, Pius Onyeoziri Ukoha, **Nkechinyere Nwanneka Ukwueze**, Oguejiofo Theophilus Ujam and Jonnie Niyi Asegbeloyin . Kinetics and mechanism of the reduction of N, N'-salicylideneiminoniron(III) complex ion by L-ascorbic acid in aqueous acid medium, *Journal of Chemistry and Materials Research*, 2012, 2, 48-57.
9. J.N. Asegbeloyin, **N.N. Ukwueze**, I.C. Agbo and U.S. Oruma. (2012). Synthesis, characterization and antimicrobial screening of 4-[(4-pyridinecarboxylic diamino)-4-chlorobenzoyl]-3-methyl-1-phenylpyrazol-5-one and its Ni (II), Cr (III) and Co (II) complexes. *Inter. J. Chem. Sci.* 10(4), 1880-1892.
10. Asegbeloyin, J.N., Onyimonyi, A.E., Ujam, O.T., **Ukwueze, N.N.** and Ukoha, P.O. (2010). **Assessment of Toxic Trace Metals in selected Fish Species and Parts of Domestic Animals.** *Pakistan Journal of Nutrition*, **9 (3)**, 213 – 215.

11. N.N.Ukwueze; C.A.Nwadinigwe; C.O.B Okoye and F.B.C.Okoye (2009) Potentials of 3,3',4',5,7-Pentahydroxyflavylium of Hibiscus rosa-sinensis L(Malvaceae) flowers as ligand in the quantitative determination of Pb, Cd and Cr. International Journal of Physical Sciences ,Vol.4(2) pp.058-062.

12. Nkeoma N. Okoye; Godwin I.C Nwokedi; Nkechinyere N. Ukwueze and F.B.C Okoye (2007) Spectrophotometric determination of some Cephalosporin antibiotic using Prussian blue reaction, Scientific Research and Essay, Vol. 2(8),pp342-347.

### **10. Conferences and learned society activities**

1. Coalcitychem 2016. 16<sup>th</sup> Annual Conference of Chemical Society of Nigeria. (Enugu State Chapter)
2. Coalcitychem 2014. 15<sup>th</sup> Annual Conference of Chemical Society of Nigeria. (Enugu State Chapter)
3. Coalcitychem 2012. 14<sup>th</sup> Annual Conference of Chemical Society of Nigeria. (Enugu State Chapter)
4. Coalcitychem 2010. 13<sup>th</sup> Annual Conference of Chemical Society of Nigeria. (Enugu State Chapter )
5. 4<sup>th</sup> Anachem 2009. Annual Conference of the Chemical Society of Nigeria. (Anambra State Chapter).
6. 32th Annual Conference of Chemical Society of Nigeria. Bauchi 2009
7. 31st Annual International Conference and Exhibition of the Chemical Society of Nigeria, DELTACHEM 2008
8. 12<sup>th</sup> Annual Conference of Chemical Society of Nigeria.(Enugu State Chapter) Coalcitychem2008.
9. 2-day National symposium on the Nuclear Research and Development tagged The Place of Nuclear Science and Engineering in National Development, September, 2008.
10. 2-day Mandatory Training Workshop of the Institute of Chartered Chemists of Nigeria (ICCON), October, 2008

11. 30<sup>th</sup> Annual Conference of Chemical Society of Nigeria. ASOCHEM Abuja 2007.

12. 29<sup>th</sup> Annual Conference of Chemical Society of Nigeria. Ekochem 2006 Lagos.

**11. Grants and Fellowships:**

**12. Awards and Honors:**

**Name of Award**

**Awarding body**

**Date**

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**13. Skills and Qualifications**

**14. References**

1. Prof. P.O.Ukoha
2. Prof. U. C.Okoro
3. Prof. C.O.B.Okoye