

# Staff Profile

## Personal Information

<b>Name:</b>	Dr. (Mrs) Ebere Ibe
<b>Faculty/ Department:</b>	Dept. of Science Education, Faculty of Education, University of Nigeria, Nsukka
<b>Designation:</b>	Lecturer 1
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## Brief Biography:

Dr. (Mrs) Ebere Ibe hails from Akanu in Ohafia Local Government Area, Abia State, Nigeria. She had her Primary Education at Ugwuafia Primary School where she obtained the First School Leaving Certificate in 1979. She proceeded to Akanu Ohafia Secondary School where she obtained the West African School Certificate in 1984. She got married to her husband in December, 1984, the same year she had her School Certificate and proceeded to Nsukka. She got enrolled in St Cyprian's Teacher Training College, Nsukka in 1985 and got the Teacher Grade 2 (TC 2) Certificate in 1987. In 1990, she gained admission into the University of Nigeria, Nsukka to read Biology/Education. Ebere obtained the B.Sc degree in EDU/BIO in 1995 and finished the National Youth Service Corps (NYSC) in 1996. She got her Masters (MED) and Ph.D Degrees in Science Education in 2004 and 2013, from the University of Nigeria, Nsukka. Ebere Ibe was a biology teacher at St. Teresa's College Nsukka from where she was employed as an Assistant Lecturer, Department of Science Education, in August 1<sup>st</sup>, 2006.

## Areas of Specialization:

1. Effective Biology education in senior secondary schools and tertiary institutions.
2. Effective Science teaching and learning at Basic, Post Basic and Tertiary Education levels.
3. Acquisition of Science Process Skills by students across all levels of education.
4. Scientific Literacy attainment and learners' psycho-social environments.
5. Gender Studies in Science, Technology, Mathematics and Engineering
6. Ethno-science instruction studies.
7. Science Curriculum Studies
8. Methods and materials for sustainable Science Education.

**Responsibilities:**

1. Member, Departmental accreditation committee. 2007 – 2014
2. Chairman, Departmental Academic Staff welfare 2009 – 2016
3. Chairman, Departmental library board committee 2010 – 2016
4. Staff Adviser (Edu/ Bio students) 2008 – 2016
5. Examination Officer (Biology and Integrated Science) 2007 – 2013
6. Member, Faculty library board committee. 2008 -2016
7. Member, Faculty Ad-Hoc committee for research presentations. 2008.
8. Member, Faculty environmental and sanitation committee. 2008
9. Member, Faculty welfare committee. 2008 – 2016.

**Research Archive:**

<b>Public Bodies</b>	<b>Position/Nature of Assignment</b>	<b>Date</b>
Africana (FEB) First Publishers	Resource Person	2007
The Boy Child Education Intervention In South Eastern States of Nigeria And Restructuring Based On NERDC and UNICEF Curricula 2009	Resource Person, Curriculum Devt.	
Nigeria Teachers Institute (NTI) Workshop On Millennium Development Goals (MDGs): Retraining of Primary School Teachers (Science)	Resource Person,	2008 – 2013
Workshop, Retraining of University of Nigeria, Nsukka, Staff School Teachers	Resource Person	2012
Monitoring of Faculty of Education Affiliate Ins- titutions' academic activities	Resource Person	2015- 2016

## List of Publications

### Chapters in Mainline Books

1. Ibe, Ebere and Nzewi, U. M. (2011). Science and technology education for societal values, in Kola Adeyemi and Bolupe Awe (ed). Rebranding Nigerian educational system. School of Education, National Open University of Nigeria: Lagos, Nigeria. 456-465.
2. Ibe, Ebere and Nzewi, U.M (2009) Assessing the affective behavior in learner. *Curriculum theory and practice, Curriculum organization of Nigeria: Nigeria.*252-258.
3. Ibe, Ebere, Nwosu, A.A &Nwokolo, O.C. (2016). Effects of Games on acquisition of Science process skills among Basic Science students. *Perspectives in Applied Linguistics, Literary and Liberal studies.* 388-397

### Journals

4. \*\*Ibe, Ebere, Ezeugwu, J.O, Asogwa, U.D & Abiogu, G.C. (2016). Development of Information Communication Technology comprehension instrument for beginner in tertiary levels of Education in developing countries of Africa. *Transylvanian Review.* (special issue) XXIV(9) 1215-1219
5. \*Ibe, Ebere, Ezeugwu, J.O., Abiogu, G.C., Asogwa, U.D., Nwangwu, E. & Afufu, J.E. (2016). Assessment of Mathematics lecturers' competencies in the application of Information, Communication Technology in Mathematics instruction in tertiary institutions. *Global Journal of Pure and Applied Mathematics.* 12(4)3703-3726.
6. \*Ibe, Ebere, Nwosu, A. A., Obi, C.N & Nwoye, M.N (2016). Gender and levels of attainment of scientific literacy among students under constructivist instructional model *International Journal of Engineering Sciences and Research Technology* 5 (7) 81-90.
7. \*\*Ibe, Ebere, Nworgu, L.N & Anyaegbunam, N.J (2016). Influence of teachers' characteristics on academic achievement of secondary school Biology students. *British journal of Science* 13 (2) 33-44.
8. Ibe, Ebere, Nwosu, A.A and Ashiakpa, Adaeze (2016). Application of Cooperative learning: Students' Achievement in Science and perception of their psychosocial learning environment. *Journal of Science Teachers' Association of Nigeria.* 51(1)19-31.
9. \*\*Ibe, Ebere, Nwosu, A.A, Oyetola, Folorunso, Ofoegbu, Theresa& Anyaegbunam, Ngozi (2016). Acquisition of questioning skills through teaching Biology as Inquiry: A research on Argument-based Inquiry. *European Journal of Scientific Research.* In Press. Website: <http://www.europeanjournalofscientificresearch.com>

10. \*\*Ibe, Ebere, Ngozi Joannes Anyaegbunam, Theresa Ofoegbu, Esther Ajala & Chukwuma Mgboji (2016). Constructivist theatre instruction (CTI) – An Innovative Approach for Science Teaching. *European Journal of Scientific Research. In Press. Website: <http://www.europeanjournalofscientificresearch.com>*
11. Ibe, Ebere and Abonyi, O.S (2014). Effects of exposure to constructivist instruction on interest of male and female Science students. *International Journal of Scientific and Engineering Research (IJSER)* 5 (2) 1558-1561.
12. \*Ibe, Ebere and Nwosu, A.A (2014). Gender and Scientific Literacy levels: Implications for sustainable science and Technology Education (STE) for the 21<sup>st</sup> Century jobs. *Journal of Education and Practice: International Institute for Science, Technology and Education (IISTE)* 5 (8) 113-118.
13. . Ibe, Ebere (2013). Assessment of entrepreneurship studies for job creation in Nigerian Universities. *Journal of Science Teachers' Association of Nigeria (JSTAN)* 48 (1) 57-65.
14. Ibe, Ebere (2011): Teachers' creativity behaviors in science classroom interactions: Implications for Entrepreneurial skills acquisition among secondary school students. *Journal of Curriculum Organization of Nigeria (CON)* 18 (1)169-178.
15. Ibe, Ebere (2009): Challenges to the use of Activity Method in Implementing the Biology Curriculum: Implications for Building a Total Person. *Journal of Curriculum Organization of Nigeria (CON)* 16 (1) 32-41.
16. Ibe Ebere (2006). Effects of gender and teaching methods on science process skills acquisition among senior secondary biology students. *International Journal of Educational Research (INJER)*, Faculty of Education, University of Nigeria, Nsukka 1 (1)141-147.
17. Ibe, Ebere and Nwosu, A. A. (2003). Effects of guided inquiry and demonstration on science process skills acquisition among secondary school biology students. *Journal of Science Teachers' Association of Nigeria, (JSTAN)* 38 (1&2) 58 -63.
18. Technical Report: Ibe, Ebere (2007). Education Trust Fund Boy child Education Project (Development of curriculum) for Out-Of-School (market and mechanic village schools) in South Eastern States of Nigeria. Basic and Post Basic Education curriculum modules.

**\*\*Double asterisked are Thomson Reuters indexed**

**\*Single asterisked are Scopus and Scimago indexed**

## Conference proceedings

19. Ibe, Ebere. (2006) Breaking gender barriers on achievement in STME using hands on, minds-on science: Implication for supply of resources. *Science Teachers Association of Nigeria Proceedings of the 47<sup>th</sup> annual conference*, 211-214.
20. Ibe, Ebere. (2007) Status of Science Teachers in junior secondary school science: Implications on attainment of Millennium Development Goals. *International conference of the Faculty of Education, University of Nigeria Nsukka*, 65-69.
21. Ibe, Ebere (2008): Rethinking the biology curriculum and its delivery in an Information age: Implications for Pre-service Teacher Preparation. *International Conference Proceedings of the Faculty of Education, University of Nigeria, Nsukka*, 167-171.
22. Ibe, Ebere (2008) Extent of Emphasis of Learning and Life Skills in Biology Education: Implications for Attainment Education Reform Goals. Annual Conference of the Institute of Education, University of Nigeria, Nsukka, 94-103.
23. Ibe, Ebere (2010) Entrepreneurship Development of Nigerian Undergraduates: A vital tool for revamping economic crisis. *Science Teachers' Association of Nigeria Proceedings of the 51<sup>st</sup> Annual conference* held at Markudi, Benue State, Nigeria 115-123.
24. Ibe, Ebere (2010) Relevance of Basic science curriculum in Revamping economic crisis in Nigeria: Implications for teacher preparation. *Science Teachers' Association of Nigeria Proceedings of the 51<sup>st</sup> Annual conference* held at Markudi, Benue State. 204-211.
25. Ibe, Ebere (2011). Level of scientific literacy possessed by upper basic science students: Implications for achievement of education reform goals. *Science Teachers Association of Nigeria 52<sup>nd</sup> annual conference* held at Akure, Ondo state, Nigeria.

26. Ibe, Ebere and Nwosu, A.A (2012). Assessment of Teachers' level of implementation of Basic science curriculum: Implication for professional development *Science Teachers' Association of Nigeria Proceedings of the 53<sup>rd</sup> annual conference* held at Area 3 Garki, Abuja: Nigeria. 190-197.
27. Ibe, Ebere, Nwosu, A. A & Oyetola Folorunso (2013). Senior secondary school students' improvisation of ecological instructional materials: Implication for attainment of the Millennium Development Goals. *Science Teachers' Association of Nigeria 54<sup>th</sup> annual conference* held at Aka Uffot community secondary school, Uyo, Akwa Ibom state of Nigeria 235-241
28. Ibe, Ebere and Nwosu, A.A. (2015). Effects of Ethno science instruction and traditional laboratory Practicals on science process skills acquisition among secondary school Biology students in Nigeria. *Igbo Studies Association 10<sup>th</sup> annual conference* held at Marquette University, Wisconsin, USA, April 9-11.

**Laboratory Manuals:**

29. Ibe, Ebere. (2008) Practical approaches to effective teaching and learning of Adaptations for sustainable development. *National workshop for Science Teachers' Association of Nigeria*, Biology panel workshop held at Queen of the Rosary secondary school Enugu, Nigeria. 110-116
30. Ibe, Ebere (2010) Teaching noise, thermal and radioactive pollution. In Nzewi, U.M and Uzoechi, B (eds). Strategies for environmental education: Focus on noise, thermal and radioactive pollution. *National workshop of Science Teachers' Association of Nigeria* held at Awka, Anambara State (Environmental Education panel). 70-80

31. Ibe, Ebere (2011) Safety in the science laboratory In Nwosu A.A and Nwagbo C.R. (ed.) Integrated Science Practical Manual. Great AP Express Publishers Ltd, Nsukka, Nigeria. 20-23
32. Ibe, Ebere (2011). Diversity of living organisms (Plants). In Nwosu, A.A and Nwagbo, C.R. (ed.) Integrated Science Practical Manual. Great AP Express Publishers Ltd. Nsukka, Nigeria. 121-138
33. Ibe, Ebere (2011). Adaptations in organisms (Plants). In Nwosu, A.A and Nwagbo, C.R. (ed.) Integrated Science Practical Manual. Great AP Express Publishers Ltd. Nsukka, Nigeria. 164-167

**Impact Factor Rated Journal Publications are numbers 4-12 except no. 8 that is STAN Journal.**