

## CURRICULUM VITAE

- I. (a) Name: Mbolanle Modupe OSOKOYA (nee OWOLOWO)  
(b) Date of Birth: 29 August, 1962  
(c) Department: Not applicable  
(d) Institute/Faculty: Institute of Education  
Contact: Telephone: +2348057979172; +2347038001180;  
e-mail: [modupeosokoya@yahoo.com](mailto:modupeosokoya@yahoo.com)  
[modupeosokoy@gmail.com](mailto:modupeosokoy@gmail.com)  
[rmosokoya@mail.ui.edu.com](mailto:rmosokoya@mail.ui.edu.com)  
(e) Address: Institute of Education, University of Ibadan,  
Ibadan, Nigeria
- II. (a) First Academic Appointment: Research Fellow II: 1 August,  
2000  
(b) Present Post (with date): Professor; 1 October, 2017  
(c) Date of Last Promotion: 1 October, 2017
- III. University Education (with dates)  
(a) University of Ife (now Obafemi Awolowo University, Ile-Ife)  
1979-1983  
(b) University of Ibadan, Ibadan  
1986-1988  
(c) University of Ibadan, Ibadan  
1990-1991  
(d) University of Ibadan, Ibadan  
1992-1998
- IV. Academic Qualifications (with dates and Granting bodies)  
(a) Bachelor of Science Chemistry – University of Ife  
(now Obafemi Awolowo University, Ile-Ife)  
1983  
(b) Post-graduate Diploma in Education (PGDE) –  
University of Ibadan, Ibadan  
1988  
(c) Master of Education – University of Ibadan, Ibadan  
1991  
(d) Doctor of Philosophy – University of Ibadan, Ibadan  
1998
- V. Professional Qualifications and Diplomas (with date)  
(a) Post-graduate Diploma in Education (PGDE)  
1988
- VI. Scholarships, Fellowship and Prizes in respect of Undergraduate and  
Postgraduate work only: Nil

- VII. Honours, Distinctions and Membership of Learned Societies
- i. Member Science Teacher Association of Nigeria (MSTAN)  
1992-Date
  - ii. University of Ibadan Senate Research Grant Award  
2010
  - iii. American Evaluation Association International Travel Award  
2016
  - iv. Executive Board Member: International Society for Teacher Education  
2016-2018
  - v. Science Teacher Association of Nigeria (STAN)  
1987-Date
  - vi. Nigerian Association for Science Education Research (NASER)  
2001-Date
  - vii. Association of Education Researchers and Evaluators of Nigeria (ASREN)  
2005-Date
  - viii. Teacher' s Registration Council of Nigeria (TRCN)  
2006-Date
  - ix. International Society for Teacher Education (ISfTE)  
2008-Date
  - x. American Evaluation Association  
2015-Date
  - xi. Nigerian Association of Evaluators (NAE)  
2015-Date

VIII. Details of Teaching/ Work Experience

- (a) Teaching Experience at Secondary School Level
  - i. Chemistry, Integrated Science and Mathematics teacher at Anglican Girls' Grammar School, Ijebu-Ode under Ogun State Teaching Service Commission  
1984-1991
  - ii. Mathematics teacher at Orogun Grammar School, Orogun Ibadan under Oyo State Teaching Service Commission.  
1996-1998
- (b) Teaching Experience at College of Education  
Lecturer II at Federal College of Education, Oyo (Special)  
June-July 2000
- (c) Work Experience at University level
  - Research Fellow II  
2000-2003
  - Research Fellow I  
2003-2006
  - Senior Research Fellow

	2006-2014	Visiting Senior Research Fellow, University of Ilorin, Ilorin	
	2015-2016	Reader	
	2014 -2017	Professor	2017-
Date			
	(b) Academic Workload		
2014	i. IED 714 – Chemistry Methods		2000-
	ii. EVE 705 – Formative and Summative Evaluation of Students' Achievement		
	2003-2006		
2003-Date	iii. EVE 709/739 – Intelligence and Aptitude Testing		
2000-2004	iv. EVE 710 – Construction of Questionnaire and Rating Scales		
2015	v. EVE 719 – Research Design I		2007-
2004- 2015	vi. EVE 713 – Public Examining in Maths and Sciences		
2005-2006	vii. EVE 813 – Advanced Test Theory		
2006-Date	viii. EVE 809 – Aptitude Test Standardization		
2018 till date	ix. EVE 716 - Curriculum Evaluation		
	(c) Projects, dissertations		
	i. Supervision of PGDE students' project (46)		
	ii. Supervision of MEd. Degree students' project (64)		
	iii. Supervision of Ph.D. Students thesis (11)		

1. Effects of Four Instructional Strategies on Students' Learning Outcomes in Practical Physics (Evelyn Ukamaka Akuche, 2008)
2. Effects of Diagnostic Adaptive, Action-Based and Pair Testing Modes on Senior Secondary School Students' Learning Outcomes in Electrochemistry (Johnson Ayodele Opat eye, 2009)
3. Evaluation of the Pre-NCE Programme in Science, Technical and Language Education in Colleges of Education in South-western Nigeria (James Oladipo Folorunso, 2010)
4. Effects of ProblemBased and Textbooks with Assessment Approaches on Secondary School Chemistry Students' Learning Outcomes in Federal Government Colleges, South-west Nigeria (Chinwe Christiana Nwazota, 2014)
5. Instructional Time, Teacher Quality and Subject Specialization as Determinants of Pupils' Achievement in Basic Science and Technology in Ogun State Primary Schools (Mbsunmola Bunmi Amusan, 2014)
6. Resiliency, Big-Five Personality Traits, Demographic Variables and Job Satisfaction As correlates of Teaching Behaviour among Secondary School Teachers in Ibadan Metropolis, Nigeria (Rebecca Ibhaguelo Ehigie, 2015)
7. Voter Education Programme and Electorates' Knowledge of and Attitude to Voting in Anambra State, Nigeria (Akpezi Benjamin Etobro, 2015)
8. Effectiveness of the National Youth Service Corps Scheme among 2012-2013 Corps Members in Lagos and Oyo States, Nigeria (Veronica Ehis Elemure, 2015)
9. Student and Teacher Characteristics as Correlates of Chemistry Practical Process Skill and achievement in Chemistry of Senior Secondary School Students in Ibadan Metropolis (Angela Olaitan ADEDOKUN-RAHEEM, 2018)
10. Instructional Congruence, Know-Want-Learn Strategies and

Students' Learning Outcomes in Basic Science in Oyo State, Nigeria

(Grace Taiwo Babalola, 2018)

11. Evaluation of The Undergraduate Chemistry Education Programme in Universities in Rivers State, Nigeria (Mathew Christian, 2018)
12. Evaluation of National Agency for Food and Drug Administration and Control Activities in Combating Counterfeit and Substandard Drugs in the South – West, Nigeria (Sunday Paul ADEGOKE, 2022).

(d) Other Academic Experience

- i. External Examiner, Obafemi Awolowo University, Ile-Ife  
2010-Date
  - ii. External Examiner, National Open University of Nigeria (NOUN)  
2011-Date
  - iii. Chief Discussant: West African Examination Council Monthly Seminar  
January  
2015
  - iv. Visiting Senior Research Fellow: University of Ilorin, Ilorin  
2015-2016
  - v. External Examiner, University of South Africa (UNISA)  
2016
  - vi. Member University of Ibadan Research and Development Fair Committee  
2017-  
Date
- (d) Administrative Experience at University Level
- i. Coordinator, Student Conversion Examination from MPhil./Ph.D. to Ph.D.  
2001-  
2006
  - ii. Coordinator, MEd. In-Service Programme  
2005-2013
  - iii. Head – School Services Unit  
2009-2010
  - iv. Sub – Dean (Post-graduate)  
2010- 2013
  - v. Congregation Representative on Senate of University of Ibadan  
2011-2014
  - vi. Deputy Head, International Centre for Educational Evaluation,  
Institute of Education  
2013-2019
  - vii. Deputy Head, Research and Publication Unit,  
Institute of Education  
2013-2019
  - viii. Member Editorial Board of Journal of the International

- Society for  
Teacher Education  
2015-Date  
ix Member Faculty of Education Finance Committee  
2012-2014  
x Member Faculty of Education Finance Committee  
2018-Date  
xi. Member University of Ibadan Research and Development Fair  
Committee 2018-  
Date  
xii. Co-Editor: Contemporary Issues in Science, Technology,  
Engineering Arts and Mathematics Teacher Education in  
Nigeria.  
A Festschrift in honour of Professor Isaac Olakanmi Abimbola  
(University of Ilorin, Ilorin, Nigeria)  
2018  
xiii Head – Links Programme and Outreach Services Unit  
2019-Date xiv. Senate Representative on the Board of Governing  
Body Osun State College of Education, Ilesa August 2021- Date

#### **Academic/Research experience outside the University**

- i. Consultant for International Institute for Tropical Agriculture  
(IITA) on Leventis Foundation Agricultural Schools Project  
2004-2005  
ii. Field Worker: World Bank Project on *How Nigerian  
Children Learn* project  
2005  
iii. Field Worker: ADF- Assisted Skills Training and  
Vocational Education Project  
2009  
iv. Guest Workshop Lecturer: Science Teacher Association  
of Nigeria  
Oyo State Branch  
2013  
v. Reviewer: Journal of The International Society for Teacher  
Education 2016-  
Date

vi. External Examiner: Obafemi Awolowo University, Ile-Ife; University of Lagos, Lagos; Anchor University, Lagos; University of South Africa (UNISA);

vii. External Assessor: University of Lagos, Lagos; Lagos State University, Lagos; Leeds City University, Ibadan; University of Abuja, Abuja, Federal Capital Territory Nigeria.

### **Community Service**

- i. Chief discussant: West African Examination Council Monthly Seminar January 2015
- ii. Lagos EKO Secondary Education Project: Capacity building programme for Secondary School Teachers and Administrator. Training provider Institute of Education University of Ibadan. Facilitated teaching of Basic Science. June 14<sup>th</sup> -17<sup>th</sup>, 2011
- iii. Training Workshop on Empowering Teachers for maximum productivity for Staff School, University of Ibadan. Organized by the Institute of Education, University of Ibadan. July 26<sup>th</sup> – 29<sup>th</sup> 2010.
- iv. An NTI-TESSA Integrated Re-training for Primary School Teachers. Millennium Development Goals (MDGs) Project. (NTI: National Teachers Institute; TESSA-Teacher Education in Sub Saharan Africa) Facilitated teaching of Basic Science and Technology. August 2010

## **IX. Research**

### **Project, Dissertation and Thesis**

- (1) OWOLOWO, MM (1983): Some Aspects of Cyanide Metabolism A B.Sc. Project submitted to the Department of Chemistry, University of Ife (now Obafemi Awolowo University), Ile-Ife
- (2) OWOLOWO, MM (1988): Cost Effectiveness and Management of Laboratory. A PGDE Research Report submitted to the Department of Teacher Education/Institute of Education, University of Ibadan, and Ibadan.
- (3) OSOKOYA, MM (1991): Intelligence and Academic Performance. A MEd Research Dissertation submitted to the International Centre for Educational Evaluation, Institute of Education, University of Ibadan.
- (4) OSOKOYA, MM (1998): Some Determinants of Secondary School Students' Academic Achievement in Chemistry in Oyo State. A Ph.D. Thesis submitted to the International Centre for Educational Evaluation University of Ibadan (251 pages).



## X. Publications

### (a) Books already published

1. Yoloye, E.A, Bolaji O.M, Odejayi, T.A and **Osokoya, MM** (2001): *Concise Chemistry for Senior School Certificate*. Heinemann Education Book (Nigeria) PLC.
2. Udeani, U and **Osokoya, MM** (2011): *Teaching and Learning the Natural Sciences (Course 125)* e-step: Evans Strategic Teacher Executive Programme Series Editor: Pai Obanya. Published by Evans Brother (Nigeria Publishers) Limited ISBN: 978-978-50524-3-5

### a. (b) Chapters in Books already published

3. Osokoya, MM (1999): Students' achievement in Integrated Science as a predictor of achievement in Biology, Chemistry and Physics. In J.O. Obemata, S.O. Ayodele & MA. Araromi (Eds.), *Evaluation in Africa*, 183-192. Nigeria: Stirling-Horden Publishers. (ISBN: 978-2063-43-6)  
(Nigeria)
4. Osokoya, MM (2002): Effective teaching and learning of Science in pre-primary schools. In A. Mansaray, & I.O. Osokoya (Eds.), *Curriculum development at the turn of the century: The Nigerian experience*, 141-158. University of Ibadan: Department of Teacher Education. (ISBN: 978-31062-7-9).  
(Nigeria)
5. Osokoya, MM (2002): Modern trends in the teaching of Chemistry. In S.O. Ayodele (Ed.), *Teaching strategies for Nigerian secondary school*, 213-229. Ibadan, Nigeria: Powerhouse Press and Publishers. (ISBN: 978-35794-4-4).  
(Nigeria)
6. Osokoya, MM (2005): Language and Science education: The Nigerian experience. In A. Dada, A. Abirbade, O.O. Kolawole (Eds.), *Issues in language, communication and education*, 399-415. Ibadan, Nigeria: Constellations Books. (ISBN: 978-21206-99-7).  
(Nigeria)
7. Osokoya, MM & Odinko, MN. (2005): The practice of continuous assessment in primary schools. In E.A. Emeke & C.V. Abe (Eds.), *Evaluation in theory and practice*, 141-154. Ibadan, Nigeria: Pen Services. (ISBN: 978-34041-7-2).  
(Nigeria)
8. Osokoya, MM (2009): The Role of Related Literature in a Research Project In *Emergent Issues in Primary Education Studies* Edited by Aniemke, N.E, Ezeani S.I; Adenigbade O.G, Orenuga O.A and Onabanjo C.F. Goad Educational Publishers. Abeokuta Ogun State Nigeria. Pp.17-25 (ISBN: 978-32911-5-0)

(Nigeria)

9. Osokoya, MM & Nwazota C.C. (2013): Problem-based and school-type as contributing factors to the senior secondary student's practical skills in chemistry In A.O.U. Onuka (Ed.), *Learning*, 166-174. Ibadan: Society for the Promotion of Academic and Research Excellence (SPARE). (ISBN: 978-978-50622-7-4)

(Nigeria)

10. Osokoya, MM (2013): Creative and effective teaching of secondary school chemistry. In MA. Araromi, O.A Mbronkola & J.A Ademokoya (Eds.), *Teaching and evaluation in regular and special secondary schools*, 478-493. Ibadan, Nigeria: Royal People. (ISBN: 978-32296-4-8)

(Nigeria)

11. Osokoya, MM & Yoloye, T.W. (2013): Evaluation in science. In O. Olorunnisola, A.O.U. Onuka, O. Babalola, A.I. Alarape, & S.A. Babarinde (Eds.), *Issues in contemporary evaluation*, 97-110. University of Ibadan: Postgraduate School. (ISBN: 978-978-50948-7-9)

(Nigeria)

12. Adegoke, B.A. and Osokoya, MM (2018): Analysis of Dichotomously Scored Further Mathematics Achievement Test Using Classical Test Theory in Salman, MF (Ed) *Enhancing Mathematics Education in Nigeria*. A Festschrift in honour of Professor Michael Olubusuyi Fajemidagba. Published by Unilorin Mathematics Education Group. ISBN 976-978-55481-9-8 pp. 224-232.

(Nigeria)

13. Osokoya, MM (2016). Post- Analysis of Observation and Previous Peer-Teaching Experiences in Chemistry In Abimbola, I.O; Olorundare, A.S; Fajemidagba, MO ; Omosewo, E.O; Onasanya, S.A; Fakomogbon, MA; and Adedokun-Shittu, N.A (Eds), *Methods of Teaching Science, Basic Technology and Computer Studies* Faculty of Education, University of Ilorin, Ilorin, Nigeria. ISBN: 978-978-954-492-9 pp 228-232 (Nigeria)

14. Osokoya, MM (2016). Historical Evolution of Basic Science Curriculum in the Nigerian Universal Basic Education (1960-2009). In Omplewa, M (Ed) *Discourse on the State of Education In Nigeria*. Laurel Educational Publishers Ltd Ibadan – Nigeria. ISBN 978-3106-9-5 pp 109-118 (Nigeria).

15. Osokoya, MM (2017). Teacher and School Environment Factors as Correlates of Students' Achievement in Senior Secondary School Chemistry in Ondo State In Falaye F.V and Adegbile J.A.(Ed) *Issues in Curriculum and Language Education*. Vol. 2, 35-48pp A Book of Readings by the Institute of Education, University of Ibadan **(Nigeria)**
  16. Osokoya MM and Ojeniyi O.O (2019). Child Sexual Abuse: Need For Sex Education Even for The Pre-schoolers In Lawal, R.A;Ogundare, S.F.; Bello, MB;Oladele. J.I; Yusuf, I.N; and Adeleye, A (Eds) *Education for Good Citizenship: Historical and Contemporary Perspectives*. A festschrift in honour of Professor Alice Arinlade Jekayinfa. pp.365-380. Historical of Education and Social Studies Group, Ilorin, Nigeria.. ISBN:978-978-56857-8-7  
**(Nigeria)**
  17. Osokoya MM, Jimoh,MA. and Adebayo, J.A.(2022). Basic Education: An Approach to Resolving Herders-Farmers Conflicts in Nigeria. In Odinko, MN. (Ed) *Current Issues in Education: Trends, Views and Analysis* A festschrift in honour of Professor Adams Otuoze Umru Onuka Published by Esthom Graphics Prints Mkola, Ibadan, Nigeria pp 201-207. ISBN: 978-978-58573-8-9  
**(Nigeria)**
- (c) **Articles that have already appeared in Refereed Conference Proceedings: Nil**
- (d) **Patents: Nil**
- (e) **Articles that have already appeared in learned journals.**
18. Osokoya, MM (1997): Determination of the readability of chemistry textbooks used by secondary school students in Oyo state. *Journal of Science Teachers' Association of Nigeria*, Vol. 32, Nos. 1&2, 43-50.  
**(Nigeria)**
  19. Osokoya, MM (2003): Pattern of career aspiration among senior secondary school chemistry students. *Journal of Science Teachers' Association of Nigeria* Vol. 38, Nos. 1&2, 16-31.  
**(Nigeria)**
  20. Odinko, MN. & Osokoya, MM (2004): A survey of instructional needs of primary school teachers in Nigeria. *West African Journal of Education*, Vol. 24, No. 1, 11-21.  
**(Nigeria)**
  21. Osokoya, MM & Odinko, MN. (2005): Monologue patterns among primary school teachers in Nigeria. *Education for Today* Vol. 5 No.1, 57-70.

- (Nigeria)**
22. Osokoya, MM (2005): A factor analytic study of some of the Nigerian science teachers' needs assessment. *Research in Education: An Interdisciplinary International Research Journal*, Vol. 73, 87-98.
- (United Kingdom)**
23. Osokoya, MM (2005): Science education and national development in Nigeria: Trends and issues. *African Journal of Historical Sciences in Education* Vol. 1 No. 2, 19-31. (Part of evidence of continuation: see publication 24)
- (Nigeria)**
24. Osokoya, MM & Adekunle, A. (2007): Evaluating the trainability of the enrollees of the Leventis Foundation (Nigeria) agricultural schools programmes. *Australian Journal for Adult Learning* Vol. 47, No. 1, 110-135.
- (Australia)**
25. Osokoya, MM (2007): Assessment procedure and students' locus of control as determinants of achievement in chemistry *Journal of The International Society for Teacher Education* Vol. 11, No.2, 52-57.
- (Canada)**
26. Osokoya, MM (2008): What West African Examinations Council and National Examinations Council ordinary level chemistry test. *Research in Education: An Interdisciplinary International Research Journal* Vol. 79, 76-78. (Summary, published as short notice; full paper is published as publication 28).
- (United Kingdom)**
27. Osokoya, MM and Opataye, J.O. (2009): Action-based testing and test anxiety as determinants of secondary school students' achievement in electrochemistry. *Journal of Science Teachers' Association of Nigeria*, Vol. 44 Nos. 1&2, 42-49.
- (Nigeria)**
28. Osokoya, MM and Akuche, E.U. (2009): Effects of three instructional strategies on students' learning outcomes in practical physics. *West African Journal of Education*, Vol. 29, 40-57.
- (Nigeria)**
29. Osokoya MM (2009): An Assessment of the Curriculum of Leventis Foundation (Nigeria) Agricultural Schools (LFNAS) Programme. Sustainable Human Development Review. An International Multidisciplinary Academic Research Journal. Vol. 1, No. 1. March 2009 pp. 95-112.
30. Osokoya, MM (2010): What West African Examinations Council (WAEC) and National Examinations Council (NECO) O-level chemistry test. *Journal of Sociology and Education in Africa*, Vol. 9, No. 1, 169-191.

- (Uganda)
31. Osokoya, MM (2011): Curriculum development and evaluation: Issues, problems and strategies for the improvement of teaching-learning of science in Nigeria. *African Journal of Historical Sciences in Education* Vol. 7 No.1, 238-249.
- (Nigeria)
32. Osokoya MM & Faboya F.O. (2011): Students' perception of examination malpractice in Ignatius Ajuru University of Education Port-Harcourt, Rivers State. *Journal of Sociology and Education in Africa*, Vol. 10, No. 2, 247-267.
- (Uganda)
33. Osokoya, MM (2011): Science education: An evaluation of teaching effectiveness in Nigerian high schools. *Journal of the Nigerian Academy of Education*, Vol.7 No. 2, 1-18.
- (Nigeria)
34. Atinmo, M; Osokoya I.O; Ajayi, S.A; Sarumi, A; Lawal, B.O & **Osokoya, MM** (2011): An evaluation of nomadic education programme in Nigeria. *African Journal of Historical Sciences in Education*, Vol.7 No.2, 17-21.
- (Nigeria)
35. Osokoya MM (2012): Age and entry qualification as correlates of students' achievement in chemistry in technical colleges in Ogun State, Nigeria. *Nigerian Journal of Educational Research and Evaluation* Vol. 11, No.1, 45-51.
- (Nigeria)
36. Okhaifo V.K., **Osokoya, MM** & Pepple, T.F. (2012): Self-concept and home background variables as correlates of students' academic achievement in basic science in junior secondary school in Rivers State. *International Journal of Educational Development* Vol. 3, No.1, 47-54
- (Nigeria)
37. Osokoya, MM & Akuche, U.E. (2012): Effects of School Location on Students' Learning outcomes in Practical Physics *Ife Psychology: An International Journal of Psychology in Africa* Vol. 20, No. 1. Pp 241- 251
38. Osokoya, MM (2013): Self-report pattern of the practice of assessment techniques among science teachers in south-west Nigeria. *Journal of Science Teachers' Association of Nigeria* Vol.48, No. 1, 66-78.
- (Nigeria)

39. Osokoya, MM (2013): Teaching methodology in Basic Science and Technology classes in south-west Nigeria. *Asian Journal of Education and e-Learning* Vol. 1, No. 4, 206 – 214.

(India)

40. Osokoya, MM (2013): A Comparative Analysis of What West Africa Examinations Council, National Examinations Council and Joint Admission Matriculation Board Chemistry Tests test *Journal of Educational Research and Evaluation* Vol. 12 Special Edition 2013,83-95.

(Nigeria)

41. Osokoya, MM & Yewande, R.O. (April 2014): Rethinking conceptual change: Impact of human constructivism instruction on students' construction of chemical equilibrium tasks and chemistry self-efficacy, *Journal of the International Society for Teacher Education*, Vol. 18, No. 1, 2014, April 2014, 67-79.

(Canada)

42. Obaitan G.N, **Osokoya MM**, Adegbile J.A. and Folorunso J.O. (2014):

Evaluation of Pre-Nigeria Certificate in Education (Pre-NCE) Programme in Colleges of Education in Nigeria *International Journal of Evaluation and Research in Education (JERE)* Vol. 3, No. 1, March 2014. Pp 19-26. (ISBN: 2252-8822).

(Indonesia)

43. Osokoya MM & Adegoke S.P (2014): Impact of Parents' Socio-Economic Background on Students' Achievement in Agricultural Science at the Senior Secondary School Level in Ogbomoso South Local Government, Ogbomoso, Oyo State. *Journal of Education and Practice* ISSN 222-1735 (Paper) ISSN 2222-288X (Online) Vol. 5, No. 37, 2014. [www.iiste.org](http://www.iiste.org), pp 92-96

44. Adegoke S.P & **Osokoya MM** (2014): Socio-Economic Background and Access to Internet as Correlates of Students Achievement in Agricultural Science. *International Journal of Education and Research in Education (JERE)* Vol. 4, No. 1, March 2015, pp. 16-21, ISSN: 2252-8822. <http://iaesjournal.com/online/index.php/JERE>

45. Osokoya, MM (2015): Career Aspiration of Chemistry Undergraduates in Nigerian Universities: Patterns and Factors. *Nigerian Journal of Clinical and Counselling Psychology* Vol. 22, Issue 2. pp 1-22

(Nigeria)

- 46 Osokoya MM & Junaid I.O 2015: Enrolment and Achievement of Persons with Special Education Needs in Secondary Schools in Science Subject: Facts and Patterns. *British Journal of Education, Society and Behavioural Science* 7(2): 137-149. Article No. BJESBS 2015. (ISBN: 2278-0998). SCIENCE DOMAIN INTERNATIONAL

**(United Kingdom)**

47. Elemure, V.E. & Osokoya MM (2015): The role of National Youth Service Corps Service Programme in Graduate Preparation for Employment in South – West Nigeria. *Journal of Educational Research and Development Vol. 2, pp125-133 (Nigeria)*
48. Osokoya MM & Kazeem R. (2016): Social Media and Learning Style as Correlates of Senior Secondary Students' Chemistry Achievement in Ogun State Nigeria. *Journal of Sociological Research Macrothink Institute* ISSN 1948-5468 Vol. 7, No. 2 pp 1-15.  
[Online (<http://creativecommons.org/licenses/by/3.0/>)]
49. Etobro, B.A & Osokoya MM (2017): Effects of Voter Education Programme on Electorates' Knowledge of and Attitude to Voting. *Research Journal's Journal of Sociology* Vol 5, No 3-pp 2-12 April 2017 [www.researchjournali.com](http://www.researchjournali.com) Exclusive journal Publishing house (India)
50. Osokoya, MM; Fapuro, I.O; & Omregie H.O (2017): Comparative Assessment of University Chemistry Undergraduate Curricula in South-Western Nigeria. *African Journal of Chemical Education* Vol 7, Number 1, January 2017 pp 92-11 (ISSN 2227-5835) (Ethiopia)
51. Osokoya, MM (2017). Effects of Three Instructional Strategies on Student's Learning Outcomes In Practical Chemistry In South- West, *Nigeria Journal of Curriculum and Instruction*, Volume 10, Number 1, 2017 pp 221- 248, Department of Science Education, Faculty of Education, University of Ilorin (Nigeria)
52. Adedokun-Raheem A.O & Osokoya, MM (2017): Student and Teacher Characteristics as Correlates of Chemistry Practical Process Skills and Achievement of Senior Secondary School Students in Ibadan *West African Journal of Education*, Vol. 37, pp 41-53. ISSN: 0043-2997 (Nigeria)
53. Osokoya, MM (2017): Academic Programme Evaluation: Basics

for Quality Assurance *Evaluation Research* Vol. 2, No. 2 pp 40-62 (Nigeria)

54. Osokoya, MM & Opateye, J.A. (2018): An Analysis of Undergraduate Science Education Programmes of the National Open University of Nigeria (2007-2016) *ASSEREN Journal of Educational Research and Development (AJERD)* Vol 5, July 2018. ISSN 2536-6899 pp 185-201 (Nigeria)
55. Osokoya MM, & Nwazota C.C. (2018): ProblemBased and School-Type as Contributory Factors to the Senior Secondary School Students' Practical Skills in Chemistry. *Journal of the International Society for Teacher Education*, Vol. 22, Issue. 1, April 2018, 7-18. (Denmark)
56. Ehigie, R. I; **Osokoya, M M** & Ehigie, B.O (2018): Psycho-Demographic Predictors of Job Satisfaction Among Nigerian Teachers. *Journal of Global Research in Education and Social Science*, ISSN No 2454-1834, Vol.10 Issue 3. pp 128-138. International Knowledge Press
57. Osokoya, MM (2019). Class size, Teachers' Characteristics, Students' attitude and School Environment as Predictors of Achievement in Chemistry in Senior Secondary Schools in Ogun State *Ibadan Journal of Educational Studies (JES)*, Volume16, Number 2, 2019 pp 100 - 108, Faculty of Education, University of Ibadan, Ibadan. Nigeria. (Nigeria)
58. Oladipo, A.J.; **Osokoya MM** & Udeani, U. (2019): Conceptual Understanding and Application of Diffusion and Osmosis: An Assessment of Pre-Degree Students in a Nigerian University. *Journal of the International Society for Teacher Education*, Vol. 23, Issue. 2, December 2019, 82-92. (Denmark)
59. Christian M & **Osokoya MM** (2019): Evaluation of the Undergraduate Chemistry Education Programme in Universities in Rivers State, Nigeria *West African Journal of Education*, Vol. 39, pp 101-113. ISSN: 0043-2997 (Nigeria)
60. Osokoya, MM & Uko, I.A. (2020): Assessment of items effectiveness of senior secondary school mock chemistry examination conducted by Akwa Ibom State. *African Journal of Behavioural and Scale Development Research (AJB-SDR)*. Volume, No. 2, August, 2020 ISSN: 2714-2965 (Print); ISSN: 2714-3449 (Online) pp. 140-150 (Nigeria)
61. Adegoke, S.P., **Osokoya, MM**, & Adegoke A.O. (2020): NAFDAC Sensitization Programme and Level of Consumers Knowledge Application in Identifying Counterfeit and Substandard Medicines.



*International Journal of Scientific Research in Education*, 13(2), 228-243.  
(Spain)

62. Adegoke S.P., Adegoke A.O., & Osokoya MM (2020): Stakeholders Perceived Activities of National Agency for Food, Drugs Administration and Control in Combating the Sales of Counterfeit and Substandard Medicines. *International Journal of Scientific Research in Education* 13(2), 271-282 (Spain)

63. Tadese, A. & Osokoya MM (2022): Relevance of Nigerian Chemistry Textbooks to STM Knowledge and Skills. *International Journal of Science and Research (JSR) ISSN: 2319-7064 September 2022* 11(9), 355-361

#### Technical Reports and Monographs:

64. Osokoya MM (2015): Comparative Assessment of Practical test in selected O-Level Chemistry Examinations A paper presented at the West African Examination Council (WAEC) monthly seminar held at WAEC International Office, Lagos on Friday January 30, 2015. Published by Research Department and WAEC International Office, Lagos

(Nigeria)

#### XII. Major Conferences and Workshops Attended in the past 10 years with Papers Read

(1) 31<sup>st</sup> Annual Conference of International Society for Teacher Education (ISfTE) held at the University of Adger, Kristiansand, Norway. May 16-21, 2011

*Paper Presented: Curriculum Development and Evaluation: Issues, Problems and Strategies for the improvement of Teaching – Learning of Science in Nigeria.*

(2) 13<sup>th</sup> Annual Conference of Nigerian Association of Educational Researchers and Evaluators (NAERE) held at the Conference Centre, Obafemi Awolowo University Ile-Ife. July 11-14, 2011.

*Paper Presented: Age and Entry Qualification as Correlates of Students' Achievement in Chemistry in Technical Colleges in Ogun State, Nigeria*

(3) 32<sup>nd</sup> Annual Conference of International Society for Teacher Education (ISfTE) held at Royal University of Bhutan Paro College of Education BHUTAN between 21 – 25 May 2012

*Paper Presented: Evaluation of Pre-NCE Programme in Science, Technical and Language Education in Colleges of Education in South-Western Nigeria*

- (4) 14<sup>th</sup> Annual Conference of Nigerian Association of Educational Researchers

and Evaluators (NAERE) held at the Conference Centre, University of Nigeria, Nsukka. July 9-13, 2012.

*Paper Presented: A Comparative Analysis of What West Africa Examinations Council, National Examinations Council and Joint Admission Matriculation Board Chemistry Tests test*

- (5) 33<sup>rd</sup> Annual Conference of International Society for Teacher Education (ISfTE) held at Lam Woo International Conference Centre, Shaw Campus of Hong Kong Baptist University, Hong Kong on 27-31 May 2013.

*Papers Presented:*

1. *Rethinking conceptual change: Impact of human constructivism instruction on students' construction of chemical equilibrium tasks and chemistry self – efficacy*

2. *Minimising Cognitive Load in Quantum Mechanics Using Multimedia Instructions*

- (6) 2<sup>nd</sup> International Conference of Institute of Education held at Faculty of Science Lakeside Large Lecture Theatre University of Ibadan, Ibadan on June 2-5, 2013.

*Paper Presented: Students' Perception of Examination Malpractice in Ignatius Ajuru University Of Education Port Harcourt, Rivers State.*

- (7) 15<sup>th</sup> Annual Conference of Nigerian Association of Educational Researchers

and Evaluators (NAERE) held at University of Ilorin, Ilorin, Nigeria. July 8-12, 2013.

*Paper Presented: Career Aspirations of Chemistry Undergraduates in Nigerian Universities: Patterns and Factors*

- (8) Two-Day Workshop on Contemporary Issues in Research and Innovation Management in Africa Organised by the West African Research and Innovation Management Association (WARIMA). In collaboration with the Postgraduate School University of Ibadan 15 – 16 July, 2013; held at University of Ibadan former Distance Learning Building, Awolowo Road, Bodija Ibadan.

*Paper presented: No paper presented (present as a participant sponsored by the Post-Graduate school, University of Ibadan)*

- (9) 34th International Society for Teacher Education (ISfTE) Annual Conference hosted by Hacettepe University Antalya Turkey; held at IC Hotels Santai-Belek, Antalya – Turkey, April 22-25, 2014.

*Papers Presented:*

1. *Enrolment and Achievement of Physically Challenged In-School Adolescents in Science Subjects: Facts and Patterns*
2. *Problembased and School-type as Contributory Factors to the Senior Secondary Students' Practical Skills in Chemistry (Co-presenter)*

- (10) 35th International Society for Teacher Education (ISfTE) Annual Conference hosted by Montclair State University, New Jersey, United States of America; held at Best Western Fairfield Executive Hotel, New Jersey, 21- 26 June 2015.

*Paper presented:*

*A Comparative Analysis of what West African Examination Council, National Examination Council and Joint Admission on Matriculation Board Chemistry Tests test*

- (11) National Training Workshop Organised by the National Commission for Nomadic Education on the Use of Curriculum Guide, Record Keeping, Multi-Grade Teaching and Guidance and Counselling Techniques for Nomadic Primary School Teachers in South West Zone held at the University of Ibadan Conference Centre, between Monday 23 and Friday 27 November 2015.

*Facilitated Basic Science and Technology*

- (12) One-Day Workshop on Effective Teaching of Subject Methodology Courses held on 17<sup>th</sup> say of December, 2015 at Education Lecture Theatre, University of Ilorin, Ilorin

*Paper Presented: No paper presented, attended as a participant from Department of Science Education, Faculty of Education (A visiting Senior Research Fellow in the Department).*

- (13) 36<sup>th</sup> Annual International Seminar for Teacher Education hosted by University of South Africa, College of Education, held at of Skukuza Camp Kruger National Park, South Africa on 17-22 April 2016.

*Paper Presented:*

*Effects of Four Instructional Strategies on Students' Learning Outcomes in Practical Chemistry*

- (14) 4<sup>th</sup> International Conference Organized by Institute of Education, University of Ibadan Held at First Bank Hall, Faculty of Agriculture & Forestry on Monday 20<sup>th</sup> – Thursday 23<sup>rd</sup> June, 2016.

*Paper Presented:*

*Comparative Assessment of Chemistry Undergraduate Curriculum in South-Western Nigeria.*

- (15) 30<sup>th</sup> Annual Conference of American Evaluation Association held at Marriot Marquis Atlanta Georgia, United States of America, October 24-29 2016.

Paper presented:

*A Comparative Analysis of Undergraduate Science Education Programmes of University of South Africa (UNISA) and National Open University of Nigeria (NOUN) (2007-2016)*

- (16) 5<sup>th</sup> International Conference Organized by Institute of Education, University of Ibadan Held at Distance Learning Centre, University of Ibadan Monday 20<sup>th</sup> – Thursday 23<sup>rd</sup> November, 2017.

Paper Presented:

*1. Student and Teacher Characteristics as Correlates of Chemistry Practical Process Skills and Achievement of Senior Secondary School Students in Ibadan*

*2. Academic Program Evaluation: Basics for Quality Assurance*

- (17) 38<sup>th</sup> Annual Seminar of the International Society for Teacher Education (ISfTE) hosted by the Joetsu University of Education, Japan held at Suginosawa Training Center, Myoko, Japan, between 13<sup>th</sup> and 18<sup>th</sup> May 2018.

*Paper Presented:*

*Resiliency, Big-Five Personality Traits, Demographic Variables and Job Satisfaction as Correlates of Teaching Behaviour Among Secondary School Teachers in Ibadan Metropolis, Nigeria.*

- (18) A 3-Day Workshop on Developing the Next Generation of Researchers organised by the Association of Commonwealth Universities in Collaboration with the University of Ibadan, held at Otunba Subomi Balogun

conference centre, U.I Hotels, University of Ibadan; between 2<sup>nd</sup> and 4<sup>th</sup> April, 2019.

*Paper Presented: No paper presented, attended as a participant, nominated by the Institute of Education to lead a team of five researchers from the Institute of Education, University of Ibadan.*

- (19) 39<sup>th</sup> Annual International Society of Teacher Education (ISfTE) Seminar hosted by the Faculty of Education, Brock University, Ontario, Canada held at Crown Plaza Niagara Falls – Falls view hotel, Canada between 12<sup>th</sup> and 17<sup>th</sup> May, 2019

*Paper Presented:*

*Class Size, Teachers' Characteristics, Students' attitude and School Environment as Predictors of Achievements in chemistry in Secondary Schools in Ogun State, Nigeria*

- (20) 7<sup>th</sup> International Conference of Institute of Education, University of Ibadan Held at Institute of Education Complex, Ajibode Extension, University of Ibadan Monday 3<sup>rd</sup> – Thursday 7<sup>th</sup> May 2021.

*Paper Presented:*

- 1. Appropriating the Nigerian Secondary School Chemistry Curriculum with the Sustainable Development Goals*
- 2. Basic Education: An Approach to Resolving Farmers-Herders Conflicts in Nigeria*

October 2022

Mdupe M. Osokoya

Prof.