

# **CURRICULUM VITAE**



**DR REBECCA U. ETIUBON**

**BSc. (Hons) Chemistry, PDGE (Ed.),  
MSc (Anal. Chem), PhD (Chem Edu), mTRCN, MSTAN**

**ASSOCIATE PROFESSOR**

**DEPARTMENT OF SCIENCE EDUCATION**

**FACULTY OF EDUCATION**

**UNIVERSITY OF UYO, UYO**

## CURRICULUM VITAE



### 1. PERSONAL DATA:

2. **Full Name:** Dr. Etiubon, Rebecca Ufonabasi
3. **Date and Place of Birth:** 1/3/62 Ita Uruan, Uruan L.G.A., Akwa Ibom State
4. **Nationality:** Nigerian
5. **Permanent Home Address:** 48 Nelson Mandela Road Uyo, Akwa Ibom State, Nigeria
6. **Current Postal Address:** Department of Science Education, University of Uyo, Uyo
- (a) **Cell phones:** +234 802-706-8894
- (b) **E-mail:** [etiubon@yahoo.com](mailto:etiubon@yahoo.com)
7. **Marital Status:** Married
8. **Number and Ages of Children:** Three (29, 25 & 21)
9. **Date and place of First Appointment:** 10<sup>th</sup> October 1990- State Secondary Management Board, Calabar, Cross River State.
10. **Status/Rank at First Appointment:** Lecturer 2
11. **Date of Appointment in University of Uyo:** 14<sup>th</sup> December, 2007
12. **Present Status/Rank and Salary:** Lecturer/Assoc. Prof/ CONAUSS 6 STEP 7
13. **Date of Last Promotion/Upgrading:** October 01, 2017
14. **Date of Confirmation of Appointment:** January 31, 2010.

**15. Department/ Unit:** Science Education Department/ Chemistry

**16. Faculty:** Education

**17.** Transfer of service/Release from Akwa Ibom State Secondary Education Board to University of Uyo wef 01/02/2008 vide letter No. AK/SSEB/O/P/20107/41 of 20/05/2008

## **18. ACADEMIC AND PROFESSIONAL BACKGROUND:**

**(a) HIGHER EDUCATIONAL INSTITUTIONS ATTENDED WITH DATES:**

(i)	University of Calabar, Calabar, Cross River State	1982 - 1986
(ii)	University of Ibadan, Ibadan, Oyo State	1988 - 1990
(iii)	University of Calabar, Calabar, Cross River State	1999 - 2002
(iv)	University of Uyo, Uyo Akwa Ibom State	2004 - 2009

**(b) ACADEMIC QUALIFICATIONS WITH DATES:**

(i)	PhD (Chemistry Education)	March 17 <sup>th</sup> 2010
(ii)	PGDE (Education)	4 <sup>th</sup> September, 2002
(iii)	MSc (Analytical Chemistry)	April 9, 1990
(iv)	NYSC certificate	Sept 1987
(v)	BSc (Hons.) Chemistry	20 <sup>th</sup> August 1986
(vi)	WAEC	1980
(vii)	FSLC	1975

**(c) DISTINCTION AND AWARDS WITH DATES:** Certificated as indicated above.

1. **Award of Excellence:** From Foursquare Gospel Church, Uyo District **For** Commitment and contribution to the Growth and Development of the Children's Sunday School Department, 2015.
2. Letter of Commendation for Productivity on Continuous Research and Scholarly Achievement by the Management of the University of Uyo, 2016.

## 19. WORK EXPERIENCE WITH DATES

### (i) WORK EXPERIENCE BEFORE PRESENT APPOINTMENT

(a) National Youth Service Corps (NYSC)	Sept, 1986- Sept, 1987
(b) Teaching Chemistry in Senior Secondary Schools, Calabar	1990 - 2002
(c) Library Teacher, Community Secondary Commercial School, Uyo	2005 – 2008

### (ii) WORK EXPERIENCE IN THE UNIVERSITY

#### (a) COURSES TAUGHT WITH DATES

##### Undergraduate

EDU 311(B)	Integrating Science Methods (3CH)	2020/2021
SED 313	Improvisation in Integrated Science (3CH)	2020/2021
SED 321	Environment and Population (2CH)	2020/2021 till date
SED 421	Cycles in Nature (2CH)	2020/2021
SED 212	Chemistry for Integrated Science (3CH)	2020/2021
SED 214	History & Philosophy of Integrated Science Education in Nigeria(3CH)	2021/2022
SED 412	Nigerian Industries and Industrialization (3CH)	2021/2022
SED 315	The Nigerian Primary and Secondary School Science Curricula (3CH)	2021/2022
SED 225	Nigerian New Basic Science Curriculum (3CH)	2021/2022
SED 325	The Nigerian Primary and Secondary School Science Curricula (3CH)	2021/2022
SED 413	Science, Technology and Society (3CH)	2020/2021
SED 422	Integrated Science Curriculum Design and Implementation (3CH)	2021/2022
EDU 499	Project in Science Teaching (3CH)	2020/2021 till date
EDU 421	Seminar in Science Teaching (3CH)	2020/2021 till date

#### **TEACHING PRACTICE SUPERVISION**

2008/2009 11 Students

2009/2010 15 Students

2010/2011 3 Students

2011/2012 19 Students

2014/2015 10 Students

2015/2016 4 Students

2016/2017 Sabbatical Leave

2017/2018 13 Students

#### **PROJECT SUPERVISION - EDU 499**

2009/2010 15 Students

2011/2012 12 Students

2013/2014 11 Students

2014/2015 11 Students

2015/2016 7 Students

2016/2017 Sabbatical

2017/2018 12 Students

2018/2019 12 Students

2018/2019	14 Students	2019/2020	18 Students
2019/2020	15 Students	2020/2021	24 Students
2020/2021	18 Students	2021/2022	8 Students

### Masters/PhD

SED 611	Curriculum issues, trends and implementation (3CH)	2020/2021 till date
SED 631	Dissertation	2020/2021 till date
SED 623	Teaching Difficult Concepts in Senior Secondary School Chemistry	2020/2021
SED 622	Resources and Instructional Strategies in Science Education (3CH)	2020/2021 till date

### PhD

SED 741	Workshop and Laboratory Practice in Integrated Science (3CH)	2021/2022
SED 742	Environmental Science Education (3CH)	2020/2021
SED 721	Postgraduate Dissertation and Theses (4CH)	2020/2021 till date
SED 731	PhD Theses (6CH)	2020/2021 till date

- **POSTGRADUATE SUPERVISION: SUCCESSFULLY SUPERVISED WITH DATES, THESES AND DISSERTATIONS**

S/N	PROGRAMME	NO. GRADUATED	NO. ONGOING
1	Masters	10	8
2	PhD	2	10
	<b>Total</b>		
3	Chief Supervisor: Masters/PhD	20	

#### **EDU 631 - Dissertation Supervision (Masters)**

**Name:** Nsubong Ezekiel Mendie (12/PG/ED/SE/005)

**Title:** Effects of Improvised and Standard Resources on Secondary School Students' Academic Achievement and Retention on Carbohydrate Chemistry  
Defence Date: 27/10/2016

**Name:** Idorenyin Wilson Akpan (14/PG/ED/SE/002)

**Title:** Computer Tutorial and Drill-practice Strategies on Academic Achievement and Retention of Biology Students on Energy Transformation in nature in Uyo, Nigeria  
Defence Date: 15/12/2017

**Name:** Mabel, Ini-Ibehe Eden (15/PG/ED/SE/005)

- Title:** Effects of Instructional Materials on Senior Secondary Students' Acquisition of Practical Skills in Chemistry  
Defence Date: 25/6/2019
- Name:** **Akintaju, Tubosun Peter**
- Title:** Direct Instruction and Interactive Learning Strategies on Biology Students' Achievement and Retention on Animal Nutrition in Senior Secondary in Abak Local Government Area  
Defence Date: 2/3/2020
- Name:** **Utibe Charles Akpan**
- Title:** Effects of Three Inquiry Learning Models on Students' Academic Achievement and Retention on Gas Laws in Senior Secondary Chemistry, Uyo Metropolis, Nigeria  
Defence Date: 10/09/2021
- Name:** **Mkpanam, Idongesit Bassey (19/PG/ED/SE/017)**
- Title:** Influence of Students' Variables on their Academic Achievement in Senior Secondary School Biology, Uyo Local Government Area  
Defended: 7/7/2023
- Name:** **Udoiong, Diana-Abasi C. (19/PG/ED/SE/024)**
- Title:** Animation-Video and multimedia Text on Biology Students' Academic Achievement and Retention in Homeostatics in Senior Secondary Schools, Abak Local Government Area  
Defended: 27/7/2023
- Name:** **Udo, Christiana Augustine (19/PG/ED/SE/003)**
- Title:** Effects of Guided-Discovery and Demonstration Strategies on Senior Secondary Students' Achievement and Retention in Biology in Uyo Local Government Area, Akwa Ibom State  
Defence Date: 27/7/2023
- Name:** **Abigail Okon Jacob (18/PG/ED/012)**
- Title:** Teachers' Characteristics and Biology Students' Academic Achievement on Concept of Pollination in Plant in Esit Eket Local Government Area  
Defence Date: 27/7/2023
- Name:** **Charity Edet Effiong (19/PG/ED/SE/001)**
- Title:** Effects of Graphic Organizers on Biology Students' Academic Achievement and Retention of Classification of Animals in Secondary Schools, Ibiono Ibom, Nigeria  
Defence Date: 27/7/2023
- Name:** **Eno Sunday Ekanem (17/PG/ED/SE/027)**
- Title:** Blog Instructional Platform, Virtual Field Trip and Expository Strategies on Chemistry Students' Achievement and Retention on Radioactivity in Mkpat Enin Local Government Area  
(Ongoing)
- Name:** **Emmanuel Ezekiel Davidson (19/PG/ED/SE/015)**
- Title:** Process and Problem-Solving Approaches on Chemistry Students' Achievement and Retention on Hydrolysis in Senior Secondary Schools, Ikot Ekpene Local Government Area  
(Ongoing)

**Name: Gregory Boniface Bassey (20/PG/ED/SE/017)**

**Title:** Graphics and Visual Organizers on Chemistry Students' Achievement and Retention of Polymerization Concept in Senior Secondary Schools, Abak Local Government Area  
(Ongoing)

**EDU 731 CO-SUPERVISOR (PhD)**

**Name: Aniefiok Iniobong Udoh (12/PG/ED/SE/PhD/001)**

**Title:** Effects of Computer Simulation and Blended Learning Strategies on Students' Achievement and Retention in Chemical Bonding in Secondary Schools in Eket, Akwa Ibom State  
Defence Date: 2/3/2018

**Name: Iberedem Bassey Daniel (17/PG/ED/SE/PhD/001)**

**Title:** Problem-Solving Models and Students' performance in Chemistry Quantitative Problems in Senior Secondary Schools in Abak, Nigeria  
Defence Date: 10/10/2019

**Name: Nsibiet Uso Ekanem (17/PG/ED/SE/PhD/004)**

**Title:** School Variables and Students' Academic Achievement in Chemistry in Tertiary Institutions in South-South Zone, Nigeria  
Defence Date: 27/2/2020

**Name: Mary Ideba Anari (18/PG/ED/SE/PhD/003)**

**Title:** Comparative Effects of Game-based Learning and Simulation Instructional Strategies on Students' Achievement and Retention in Chemistry, Cross River State, Nigeria  
Defence Date: 2/2/2022

**SUPERVISOR (PhD)**

**Name: Mary Ideba Anari (18/PG/ED/SE/PhD/003)**

**Title:** Comparative Effects of Game-based Learning and Simulation Instructional Strategies on Students' Achievement and Retention in Chemistry, Cross River State, Nigeria  
Defence Date: 2/2/2022

**Name: Mary Effiong Akpan (18/ PG/ED/SE/PhD/002)**

**Title:** Effects of Using Punnett Square and Beads to Teach Mendelian Inheritance on Students' Academic Performance and Retention in Genetics in Secondary Schools, Uyo  
Defence: 28/7/2023

**Name: Ime Ekpe Thomas (20/ PG/ED/SE/PhD/003)**

**Title:** Effects of Science Fair on Biology Students' Interest, Academic Achievement and Retention in Akwa Ibom State College of Education  
(Ongoing)

**Name: Augusta Ekubiat Udo (20/PG/ED/SE/PhD/001)**

**Title:** Instructional Scaffolding and Blended Learning Strategies on Biology Students' Academic Achievement and Retention in Land Pollution, Uyo Local Government Area, Nigeria  
(Ongoing)

**Name: Isangobong Akpan Eyibio (20/PG/ED/SE/PhD/ 010)**

**Title:** Written, Audio and Audio-Visual Approaches on Biology Students' Academic Performance and Retention in Bio-entrepreneurship in Itu Local Government Area

(Ongoing)

**Name:** **Idongesit Sylvanus Williams (21/PG/ED/SE/PhD/004)**

**Title:** Linking Vocabulary to Imagery: Improving Science Teaching and Learning Through the Use of Multimedia Artefacts  
(Ongoing)

**Name:** **Obinna Nwogwugwu (21/PG/ED/SE/PhD/ 003)**

**Title:** Chemistry Teachers' Knowledge, Interest and Skills on Outdoor Instructions at Selected Secondary Schools in Osioma Ngwa Local Government Area, Abia State  
(Ongoing)

**Name:** **Anwanaobong Mfon Ekong (21/PG/ED/SE/PhD/011)**

**Title:** Application of Three Modes of Cooperative Learning Strategies on Senior Secondary Students' Academic Achievement and Retention Oil Spillage in Ikot Abasi Local Government Area  
(Ongoing)

**Name:** **Margaret Ehi Ogar (21/PG/ED/SE/PhD/005)**

**Title:** Crossover Learning Strategy and Students' Achievement and Retention on Renewable Energy Sources in Basic Science and Technology in Cross River State  
(Ongoing)

**Name:** **Obianuju Anthonia Mmaduka (21/PG/ED/SE/PhD/006)**

**Title:** Teaching Environmental Factors Influencing Forestation and Biology Students' Achievement and Retention in Ecological Concepts in Aba Local Government Area, Nigeria  
(Ongoing)

**Name:** **Uduak Reuben Ekpo (21/PG/ED/SE/PhD/013)**

**Title:** Acquisition of Science Process Skills and Retention among Biology Students on Prostistology using Blended Learning and Interactive Videos  
(Ongoing)

**Name:** **Aniefon Nsongurua Afang (20/PG/ ED/SE/PhD/ 002)**

**Title:** Inside- Outside Circle and Team Game Tournament Learning Strategies and Biology Students' Achievement and Retention on Food Security in Nigeria  
(Ongoing)

## **INTERNAL EXAMINATION SUPERVISION OUTSIDE THE DEPARTMENT**

### ***PhD***

**Name:** **Alphonsus Onyekachi Okechukwu (17/PG/ED/ET/PhD/007)**

**Title:** Institutional Variables and Research productivity of Librarians in Federal University Libraries in South-South and South-East, Nigeria  
(Defended 2021).

**Name:** **Edidiong, Friday Joe (16/PG/ED/ET/PhD/003)**



**Title:** Video-Conferencing Strategy and Academic performance and Retention of Year Two Students in Chemistry in South-South Public Universities, Nigeria  
(Ongoing)

### *MSc*

**Name:** **Esther Joseph Akpan (14/PG/ED/ET/008)**

**Title:** Teachers' ICT Competency Skills and Teaching Effectiveness in Chemistry in Public Secondary Schools in Akwa Ibom North East Senatorial Zone  
Defence Date: 8/5/2019

**Name:** **Samuel Sunday Duncan (11/PG/ ED/ ET/ 009)**

**Title:** Mastery Learning Instructional Strategy and Students' Academic Performance in Economics in Secondary Schools in Akwa Ibom South Senatorial District, Nigeria  
Defence Date: 4/6/2019

**Name:** **Martha Gabriel Oton (14/PG/ED/EF/018)**

**Title:** Utilization of Flaunders Interaction Analysis Category System in Assessing Mathematics Teaching Quality in Secondary Schools in Akwa Ibom State  
(Ongoing)

**Name:** **Etido Etim Etefia (16/PG/ED/ET/007)**

**Title:** Implementation of National Universities Commission Library Parameters and Accreditation Readiness for Academic programmes in Federation Universities of South-East Nigeria  
Defence Date: 14/12/2022

**Name:** **Fenno Ofonime Akpan (17/PG/ ED/EF/024)**

**Title:** Application of Rasch Model in Development and Validation of Students' Examination Cheating Tendency Scale for Secondary Schools in Akwa Ibom State.  
Defence Date: 22/5/2023

### **CHIEF SUPERVISOR (MASTERS/PhD)**

**Name:** **Tom Okon Ekpenyong (17/PG/ED/SE/030)**

**Title:** Guided-Inquiry and Expository Laboratory Methods on Students' Achievement and Retention in Simple Harmonic Motion in Physics, Uruan Local Government Area  
Defence Date: 2/12/2022

**Name:** **Ntiense Sunday Unanam (19/ PG/ED/SE/018)**

**Title:** Comparative Study of Improvised and Simulated Models on Students' Academic Achievement and Retention on Secondary School Chemistry in Uruan LGA, Nigeria  
Defence Date: 17/4/2023

**Name:** **Aniekan Godwin Ekanem (18/PG/ED/SE/017)**

**Title:** Effects of Student-Team-Achievement Division (STAD) and Expository Learning Strategies on Senior Secondary School Students' Performance and Retention in Biology in Essien Udim Local Government Area  
Defence: 7/7/2023

- Name:** **Mkpanam, Idongesit Bassey (19/PG/ED/SE/017)**  
**Title:** Influence of Students' Variables on their Academic Achievement in Senior Secondary School Biology, Uyo Local Government Area  
Defence: 7/7/23
- Name:** **Grace Godwin Edinyang (14/ PG/ED/SE/009)**  
**Title:** Comparative Effects of Punnett Square Model and Flip Charts on Biology Students' Academic Performance and Retention in Morphological Variation in Eket Local Government Area  
Defence: 7/7/23
- Name:** **Inyang, Victoria Sunday (19/PG/ ED/SE/002)**  
**Title:** Comparative Effects of Cooperative and Guided-Discovery Learning Strategies on Senior Secondary School Biology Students' Academic Achievement and Retention in Uyo, Nigeria  
Defence Date: 7/7/23
- Name:** **Unyimeobong Ignatius Bassey (18/PG/ED/SE/008)**  
**Title:** Relative Effectiveness of Tiered and Scaffolding Instructional Strategies and Students' Academic Achievement in Chemistry in Uruan Local Government Area, Nigeria (Ongoing)
- Name:** **Charity Edet Effiong (19/PG/ED/SE/001)**  
**Title:** Effects of Graphic Organizers on Biology Students' Academic Achievement and Retention of Classification of Animals in Secondary Schools, Ibiono Ibom, Nigeria  
Defence Date: 27/7/2023
- Name:** **Bassey Kufre Okon (19/PG/ED/SE/031)**  
**Title:** Activity-Based Learning Method of Teaching Bearing and Students' Achievement and Retention in Mathematics in Ikono Local Government Area, Akwa Ibom State
- Name:** **Anietie Sunday Ekpotu (19/PG/ED/SE/033)**  
**Title:** Activity-Based Learning Method of Teaching Linear Inequalities and Students' Achievement and Retention in Mathematics in Ika Local Government Area, Akwa Ibom State
- Name:** **Joseph Edet Okon (19/PG/ED/SE/023)**  
**Title:** Effects of Concrete Models and Pictorial Chart on the Concept of Circulatory System in Biology Students' Academic Achievement and Retention in Uyo, Akwa Ibom State
- Name:** **Ndifon Johnson Ayara (20/PG/ED/SE/001)**  
**Title:** Effects of Activity-Based Method and Guided-Discovery on Students' Academic Achievement and Retention in Mathematics in Onna Local Government Area
- Name:** **Nsikan Enameti Nnamso (19/ PG/ED/SE/019)**  
**Title:** Effects of Guided-Discovery Approach on Mathematics Students' Achievement and Retention on the Concept of Geometry in Mkpato Enin Local Government Area
- Name:** **Nsisong Okon Uko (19/PG/ED/SE/006)**

**Title:** Comparative Effects of Guided-Discovery and Expository Laboratories on Basic Science Students' Achievement and Retention in Nutrition in Ikot Abasi Local Government Area

**Name:** **Ukeme John Udo (17/ PG/ED/SE/020)**

**Title:** Effects of Guided-Discovery and Demonstration Method on Students' Academic Achievement and Retention Using the Concept of Probability in Ibesikpo Asutan Local Government Area

**Name:** **Omachoko Noah (20/PG/ED/SE/013)**

**Title:** Effects of Computer Simulation and Guided-Discovery on Students' Achievement and Retention in Mathematics in Olama Bokora Area Local Government, Kogi State

**Name:** **Uduak Edet Bassey (19/PG/ED/SE/010)**

**Title:** Comparative Effects of Computer Simulation and Video on Chemistry Students' Achievement and Retention in Electrolysis in Uyo Local Government Area

**Name:** **Uduak Sunday James (19/PG/ED/SE/025)**

**Title:** Activity-Based Learning Method of Teaching Newton's Laws of Motion and Students' Achievement and Retention in Mathematics in Oron, Nigeria

**Name:** **Ndifon Johnson Ayara (20/PG/ED/SE/001)**

**Title:** Effects of Activity-Based Method and Guided-Discovery on Students' Academic Achievement and Retention in Mathematics in Onna Local Government Area

**Name:** **Nsikan Enameti Nnamso (19/ PG/ED/SE/019)**

**Title:** Effects of Guided-Discovery Approach on Mathematics Students' Achievement and Retention on the Concept of Geometry in Mkpato Enin Local Government Area

**Name:** **Nsiong Okon Uko (19/PG/ED/SE/006)**

**Title:** Comparative Effects of Guided-Discovery and Expository Laboratories on Basic Science Students' Achievement and Retention in Nutrition in Ikot Abasi Local Government Area

**Name:** **Ukeme John Udo (17/ PG/ED/SE/020)**

**Title:** Effects of Guided-Discovery and Demonstration Method on Students' Academic Achievement and Retention Using the Concept of Probability in Ibesikpo Asutan Local Government Area

**Name:** **Omachoko Noah (20/PG/ED/SE/013)**

**Title:** Effects of Computer Simulation and Guided-Discovery on Students' Achievement and Retention in Mathematics in Olama Bokora Area Local Government, Kogi State

**Name:** **Uduak Edet Bassey (19/PG/ED/SE/010)**

**Title:** Comparative Effects of Computer Simulation and Video on Chemistry Students' Achievement and Retention in Electrolysis in Uyo Local Government Area

**Name:** **Uduak Sunday James (19/PG/ED/SE/025)**

**Title:** Activity-Based Learning Method of Teaching Newton's Laws of Motion and Students' Achievement and Retention in Mathematics in Oron, Nigeria

**Name:** Etim Bassey Umoh (19/PG/ED/SE/PhD/002)  
**Title:** A Comparative Effect of Concept Map Group Study and Expository Method of Teaching Hereditary on Students' Academic Performance and Retention in Uyo Local Government Area

**Name:** Etim Bassey Umoh (19/PG/ED/SE/PhD/002)  
**Title:** A Comparative Effect of Concept Map Group Study and Expository Method of Teaching Hereditary on Students' Academic Performance and Retention in Uyo Local Government Area

**(b) RESPONSIBILITY**

- Acting Head, Department of Science Education
- Examination Officer
- Faculty of Education Representative on the Board of Clinical Sciences, University of Uyo
- Representative of the PostGraduate School during Oral Examination

**(c) COMMITTEE /COMMUNITY SERVICE OUTSIDE THE UNIVERSITY**

**MEMBERSHIP IN COMMITTEES AND POSITIONS OF RESPONSIBILITY WITHIN THE UNIVERSITY**

<b>Member:</b>	Senate, University of Uyo	March 13, 2022 till date
<b>Representative of the Postgraduate during Oral Examination</b>		August 12, 2021 till date
<b>Member:</b>	Science Education Department Postgraduate Board	2016
<b>Supervisor:</b>	Teaching Practice Exercise	2010
<b>Member:</b>	Girlchild Sensitization and Awareness to Secondary Schools in Akwa Ibom Metropolis (Women in Science)	2014
<b>Chairman:</b>	Committee on Collation of Answer scripts, Marking Guide and Question Papers for Accreditation in Science Education	2015
<b>Member:</b>	24 <sup>th</sup> Convocation Planning Committee of the University of Uyo (Protocol Committee)	2018
<b>Member:</b>	Supervision of Federal Government Youth Empowerment (N-Power Programme) in Akwa Ibom Schools	2019
<b>Member:</b>	Committee for Requisition, stocktaking of Facilities in Science Education Department	2018 till date
<b>Member:</b>	Panel to assess published Journals of Science Education Academic Staff	2018 till date
<b>Desk Officer/ Member:</b>	Local Organizing Committee for Faculty of Education National Conferences	2012- 2015
<b>Member:</b>	22 <sup>nd</sup> and 23 <sup>rd</sup> Combined Convocation Planning Sub-Committee	2017
<b>Member:</b>	Faculty Board of Education	2018 till date
<b>Supervisor:</b>	Students in Teaching Practice	2008 till date

<b>Supervisor/Invigilator:</b>	GST Examinations	2008 till 2020
<b>Invigilator:</b>	UNIUYO Post UME Aptitude Test	2008 - 2019
<b>Member:</b>	BSc (Ed.) Chemistry Programme Review Committee	2016
<b>Member:</b>	Science Education Postgraduate (PG) Review Programme	2017
<b>Academic Adviser:</b>	All Chemistry Students, Dept. of Science Education	2008 - 2016
<b>Member:</b>	Faculty of Education Conference Publicity Committee	2016 – 2019
<b>Member:</b>	Screening Committee, Uniuyo Post UME Admissions	2014 - 2018
	Faculty of Education Representative at Clinical Sciences Board	2019- Date

**(d) NATIONAL/STATE/COMMUNITY SERVICE OUTSIDE THE UNIVERSITY**

- Guest Speaker:** Federal Government College, Ikot Obio Itong, 21<sup>st</sup> Founders' Day Celebration/ Final Year Students Send forth (July, 2010).
- Guest Speaker:** Redemption Academy, Obio Etoi, Final Year Students' Send-forth (August, 2010).
- Sunday School Superintendent:** Foursquare Gospel Church in Nigeria (District Headquarter, Uyo).
- Primary School Monitoring Officer for SUBEB Teachers in Uyo:** Itu and Ibesikpo- Asutan LGAs, 2010
- Resource Person:** Educational and Advocacy Programmes (Africa Vision Tract House Society/Nigeria Christian Graduate Fellowship Project). Guinea Bissau. Nov. 5- 13, 2011
- Resource Person:** Training Workshop for Primary Science Teachers on Millennium Development Goals Project, Community Comprehensive College, Mkpat Enin, Akwa-Ibom. 2011
- Resource Person:** Primary School Teachers' Capacity Building Workshop, Mfonabasi Nursery/Primary School, Itu, Akwa-Ibom March, 2012
- Editor, STAN Magazine:** Akwa Ibom State STAN Branch 2012 - January 2017
- Resource Person:** Educational and Advocacy Programmes (Africa Vision Tract House Society/ Nigeria Christian Graduate Fellowship Project). Liberia Nov. 5-12, 2012
- Resource Person:** Educational and Advocacy Programmes (Africa Vision Tract House Society/ Nigeria Christian Graduate Fellowship Project). Rwanda Nov. 2-9, 2013
- Resource Person:** Educational and Advocacy Programmes (Africa Vision Tract House Society/ Nigeria Christian Graduate Fellowship Project), Tanzania May, 12-17, 2015
- Panel Member:** on Planet Radio for Sensitization of Junior Secondary School Students on the Importance of Science Subject. 26 June, 2016
- Keynote Presenter:** 2016 Conference of School of Science, College of Education, Afaha Nsit, Akwa Ibom State on Innovative Strategies in Science, Technology, Engineering and Mathematics (STEM) Education for Sustainable Development. July 11-15, 2016
- Wellspring Love Initiative, Esit Obio, Ita Uruan,** April 2015-till date
- Resource Person:** Pastors Network Programme in Ita Uruan Village May 2022 – till date
- Speaker at Church-Based Conferences and Seminars** 1991 till date

(e) **RESEARCHES UNDERTAKEN WITH DATES**

1. Contemporary Science Education Issues in Nigeria Educational Development. 2023
2. Computer Tutorials and Drill-Practice Strategies on Senior Science Students' Academic Achievement on Energy Transformation in Nature 2021
3. Availability and Utilization of Laboratory Facilities for Teaching Carbohydrates in Senior Secondary Schools. 2020
4. Utilizing Science Process Skills Acquisition for Nigeria's Socio-Economic Development. 2019
5. Educational Development in Nigeria: Topical Issues in Contemporary Nigeria. 2018
6. Flipped classroom as an effective method for teaching valency of elements and chemical formula of compounds. 2017
7. Effects of Iconic models and Charts on science students' academic performance in Uyo Municipality 2016
8. Simplifying the teaching of Paper Chromatography using Engagement Strategy. 2016
9. Utilizing Research Findings in Science Education Curriculum for Teachers' Creative Skills. 2015
10. The Extent of Awareness of Research-Based STEM Literacy Programme among Nigerian Teachers. 2014
11. Over schooling and students' study skill factors in Junior Secondary School Basic Science. 2011
12. Status of science and technology curricula towards National Education Reforms. 2011
13. Curriculum Innovativeness in science-technology content and teachers' adaptation in Nigeria 2010
14. Effects of instructional strategies and students' variables on their cognition of world economic meltdown. 2010
15. Integrating entrepreneurial skills into classroom chemistry teaching: Implication for national development. 2009
16. Teachers' utilization of ICT learning resources: Accessing quality primary education. 2009
17. Challenges and prospects of assessment practices in senior Secondary school science curriculum. 2009
18. Retraining science teachers for peaceful coexistence: A challenge for integrating citizenship education in science Curriculum. 2008
19. Promoting and sustaining educational research for self-reliance. 2008

## D. MEMBERSHIP OF PROFESSIONAL BODIES

1. Science Teachers Association of Nigeria (STAN)
2. Curriculum Organisation of Nigeria (CON)
3. Small Grants Programme for Educational Research Network for West and Central Africa (ERNWACA)
4. Educational Media and Technology Association of Nigeria (NAEMT)
5. Primary and Tertiary Teacher Education Association of Nigeria (PATTEAN)
6. National Association for the Advancement of knowledge (NAFAK)
7. Organization for Women in Science for the Developing World (OWSDW-UUB). 2012 till date
8. Research Gate – Online Forum of Academic Researchers 2018
9. Teachers Registration Council of Nigeria (TRCN) 2007
10. Association for Promoting African Girls in Engineering, Science and Technology Education (APAGESTE) 2010 till date

## E. PUBLICATIONS

### (a) THESIS/DISSERTATIONS

- **PhD Thesis Title**  
Class groupings and students' performances in electrolysis.
- **MSc Dissertation Title**  
Evaluation of Phosphate Adsorption Models on Mambilla Plateau Soils.
- **PGDE Dissertation**  
Educational Facilitators and Examination Malpractice in Secondary Schools In Calabar Municipality.

### (b) PUBLICATIONS AFTER LAST PROMOTION

#### (i) FOREIGN JOURNALS

1. Stella N. Nwosu., **Rebecca U. Etiubon** and Ijeoma B. Ofem (**2023**). Exploring the Benefits of Activity-Based Learning in Enhancing Cognitive Skills of Secondary Science and Technology Students in South-South, Nigeria. *European Journal of Education Studies*, 10 (8), 181 – 198. (**Romania**)
2. **Rebecca U. Etiubon** and Andikara H. Etiubon (**2023**). Replacement of Humans in the Classroom by Artificial Intelligence: A Rhetoric. *Asian Journal of Educational Technology*, 2 (1), 12 -21. (**Malaysia**)
3. Stella N. Nwosu., **Rebecca U. Etiubon** and Ijeoma B. Ofem (**2022**). Effects of the Activity-Based Learning on Basic Science and Technology Students' Non-Cognitive Skills in South-South Nigeria. *European Journal of Education and Pedagogy*, 3 (5), 67- 74. (**Ukraine**)

4. **Etiubon, R. U.**, Andikara, H. Etiubon., and I. W. Akpan (2021). Computer Tutorials and Drill-Practice Strategies on Senior Science Students' Academic Achievement on Energy Transformation in Nature, Uyo, Nigeria. *International Journal for Innovation Education and Research*, 9 (7), 387-401. (Australia)
5. **Etiubon, R. U.**, Okopide, A. A., and Udoh, N. M. (2021). Enhancing Retention of Water Pollution using Computer tutorials and Drill-Practice Among First Year Science Education Students of University of Uyo, Nigeria. *European Modern Studies Journal*, 5 (3), 139-152. (Kyiv)
6. **Etiubon, Rebecca Ufonabasi** and Udoh, Nsimene Michael (2020). Availability and Utilization of Laboratory Facilities for Teaching Carbohydrates in Senior Secondary Schools in Uyo Education Zone, Akwa Ibom State. *International Journal of Education and Research*, 8 (5), 91-104. (Canada)
7. **Rebecca U. Etiubon** and Anthonia N. Ugwu (2018). Effects of Peer-tutoring and Jigsaw Strategies on Chemistry Students' Achievement in the Concept of Paper Chromatography. *International Journal of Education and Research*, 6(9), 35-46. (USA)
8. **Etiubon, R. U.**, Ugwu, A. N. and Ado, I. B. (2018). Career Choice Determinants and Academic Achievement of First Year Science Education Students of University of Uyo, Akwa Ibom State, Nigeria. *International Journal for Innovation Education and Research*, 6(7), 136-147. (Australia)
9. **Rebecca U. Etiubon.**, Anyanime, O. Akpan and Idongesit, N. Udosen (2018). Socio-economic Empowerment of Senior Secondary Science Students in Nigeria and STEM Teachers' Preparedness. *Research Journal of Education*, 4 (11), 204-211. (United Kingdom)

## (ii) NIGERIAN JOURNALS

10. Umanah, F. I. and **Rebecca U. Etiubon** (2022). Effects of Roundrobin and Jigsaw Cooperative Learning Strategies on Chemistry Students' Academic Achievement on Hydrocarbons in Senior Secondary Schools, Uyo, Akwa Ibom State – Nigeria. *African Journal of Educational Assessors* 9 (1), 41 – 56. (Nigeria)
11. Anyanime O. Akpan., **Rebecca U. Etiubon** and Sunday S. Jacob (2021). The Awareness and Utilization of STEM Literacy Programmes among Secondary School Science Teachers in Nigeria. *Journal of the Science Teachers Association of Nigeria*. Volume 56 (August, 2021), 103 – 112 (Nigeria)
12. Agnes, Usendia., **Rebecca U. Etiubon**, and Grace Ime Effiong (2019). Utilizing Science Process Skills Acquisition for Nigeria's Socio-Economic Development, *Journal of Education*, 11(2), 60 – 72 (Nigeria)
13. **Rebecca U. Etiubon**, Aniefiok Edet and Godwin, Akaninyene Amos (2019). Effects of Cartoons and Graphics as Teaching Resources on Academic Achievement of Science Students in Diffusion in Uyo Local Government Area. *Nigerian Journal of Science and Science Education*, 8 (3), 68-84. (Nigeria)



### **(iii) BOOK CHAPTERS**

14. **Etiubon, R. U.** and Umanah, F. I. (2023). Contemporary Science Education Issues in Nigeria Educational Development. In I. A. Ayandele., G. N. Udom., E. O. Effiong., U. R. Etuk., I. E. Ekpo., U. G. Inyang., G. E. Edet., and I. U. Moffat (Eds.). Contemporary Discourse on Nigeria's Economic Profile. A Festschrift in Honour of Prof. Nyaudoh Ukpabio Ndaeyo.
15. **Rebecca U. Etiubon** and Anyanime O. Akpan (2019). 21<sup>st</sup> Century Skills and Undergraduate Students' Preparedness for Lifelong Learning in Science Education in Nigeria. ICASE World Science and Technology Education Conference, Suan Nong Nooch Garden, Pattaya, **Thailand**
16. **Rebecca Ufonabasi Etiubon** and Nsimene Michael Udoh (2019). Issues and Challenges of Entrepreneurship Education in Nigerian Universities. In Okoye, R. K., Ekong, Antiabong, and Nwalado, H. S. (Eds.) West and Solomon Publishing Coy Ltd, Onitsha. Pp. 165 -178
17. **Rebecca U. Etiubon** (2018). The Role of School Personnel in Quality Provision and Safety Management of Science Laboratory Facilities. In Eno Etudor-Eyo, Comfort Robert Etor, Princewill Ikechukwu Egwuasi and Christiana Isaac Emediongokon (A Festschrift in Honour of Prof. (Mrs.) Grace Koko Etuk). Academic Research Network International Publishers. pp.76- 87.
18. **Etiubon, R. U.** (2018). Educational Development in Nigeria: Topical Issues in Contemporary Nigeria. In U. Harrison (Ed.). Nucleusmark Development Institute, Uyo, Nigeria. pp. 100- 118.

### **(c) PUBLICATIONS BEFORE LAST PROMOTION**

#### **(i) FOREIGN JOURNALS**

19. **Etiubon, R. U.** and Akpan, A. O. (2017). Science Teachers' Perception of ICT Capacity Building Workshop in Akwa Ibom State Secondary Schools, Nigeria. *African Research Review, International Multidisciplinary Journal*, 11(2), 201-215. (**Ethiopia**)
20. **Rebecca U. Etiubon** and Nsimeneabasi Michael Udoh (2017). Effects of Practical Activities and Manual on Science Students' Academic Performance on Solubility in Uruan Local Education Authority of Akwa Ibom State. *International Journal of Education and Practice*, 8(3), 202-209. (**United Kingdom**)
21. **Etiubon, Rebecca Ufonabasi** and Nwosu, Stella Ngozi (November, 2016). Preparing Nigerian School Leavers for Entrepreneurial Development through Indigenous Science Skills. *Journal of Education and Social Policy*, 3(5), 53-60. (**USA**)
22. **\*Etiubon, R. U.** (2016). Instructional Strategies and Chemistry Students' Variables on Cognition of World Economic Meltdown. *American Association for Science and Technology Journal of Education*, 2(2), 12-17. (**USA**)

23. **Rebecca U. Etiubon and Ugwu, A. N. (2016).** Problem-Based Learning and Students' Academic Achievement on Thermodynamics (A case study of University of Uyo, Akwa Ibom State, Nigeria). *IOSR Journal of Research and Method in Education*, 6 (5), 36-41. **(Australia)**
24. **Etiubon, R. U. (2015).** Teachers' Resourcefulness on e-Education Instructional Tools and Chemistry Achievement Among University of Uyo Students. *American Association for Science and Technology Journal of Education*, 1(3), 38-44. **(USA)**
25. **Etiubon, R. U. & Benson, Rose Friday (2014).** Teacher Qualification and experience as Determinants of Quality Chemistry Education in Nigeria. *Journal of Education and Practice*, 5 (24), 124-131. **(United Kingdom)**
26. Stella N. Nwosu, **Rebecca U. Etiubon & Theresa M. Udofia (2014).** Tackling inhibitions to careers in science and technology through Differentiated mentoring Approach. *International Education Studies*, 7(8), 124-133. **(Canada)**
27. Mfon Effiong Udo and **Rebecca Ufonabasi Etiubon (2011).** Computer-Based Science Simulations, Guided-Discovery and Students' Performance in Chemistry. *Journal of Canadian Center of Science and Education*, 5(6), 211-217. **(Canada)**
28. Ugwu, Anthonia N. and **Etiubon, Rebecca U. (2010).** Status of multimedia Awareness and utilization among science Teacher educators in some Universities in South Eastern Nigeria. *International Journal of Chemical, Environmental and Pharmaceutical Research*, 1 (3), 155-164. **(India).**

## **(ii) NIGERIAN JOURNALS**

29. Udoh, N. M. **and Etiubon, R. U. (2016).** Effects of Iconic models and Charts on science students' academic performance in Uyo Municipality. *Journal of Research and Development in Education*, 6 (1), 83-92. 60.**(Nigeria)**
30. Ugwu, Anthonia N. and **Etiubon, R. U. (2015).** Difficulties Encountered by Undergraduates Science Education Students in Introductory Part of Research Writing: A Case Study of University of Uyo. *NOUN Journal of Education*, 2(1), 113-118. **(Nigeria)**
31. **Etiubon, R. U. (2014).** Activity-Based Teaching Strategy and Students' Achievement on the Concept of Chemical Kinetics in Senior Secondary Schools Chemistry. *Journal of Research and Development in Education*, 5(1), 59-66. 42. **(Nigeria)**
32. **Etiubon, R. U. (2013).** Chemistry Curriculum Innovation for Teaching Climate Change in Senior Secondary Schools in Nigeria. *Multidisciplinary Journal of Academic Excellence*, 10 (1), 1-9.
33. **Etiubon, R. U. and Etiubon, Paul E. (2013).** Effective Use of ICT in Implementing Chemistry Curriculum for Entrepreneurial Skills Development. *Journal of Educational Media and Technology*, 17(1), 1-9.
34. **Etiubon, R. U. (2012).** Overschooling and students' study skills in Junior Secondary School Basic Science. *Journal of Education*, 5(1), 83-91

35. **Rebecca U. Etiubon** (2011). Implications of Innovative Chemistry Teaching on Students' Achievement. *Multidisciplinary Journal of Academic Excellence*, 4(1), 108-115.
36. A. N. Ugwu and **R. U. Etiubon** (2011). Changing STM Curricula for the Information Age: Implication for the Teacher. *Global Journal of Educational Research*, 10(2), 93-97.
37. **Etiubon, R. U.** (2011). Employing technological resources to enhance students' performance in chemistry. *Journal of Education*, 4(1), 230-240.
38. **Etiubon, R. U.** and Ugwu, Anthonia N. (2011). Curriculum Innovativeness in Science-Technology Content and Teacher Adaptation in Nigeria. *Nigerian Journal of Curriculum Studies*, 18 (1), 209-216.
39. Udofia, T. M. and **Etiubon, R. U.** and (2010). Challenges and prospects of assessment practices in Senior Secondary School Curriculum. *Nigerian Journal of Curriculum Studies*, 3 (1&2), 172-178.
40. **Etiubon, R. U.** (2010). Availability of laboratory Equipment and Students' Performance in Chemistry. *Nigerian Journal of Science and Science Education*, 8 (2), 46-58.
41. **Etiubon, R. U.** And Ugwu, A. N. (2010). Emerging issues on implementation of national policy on education and ICTs integration in science education. *Journal of Educational Media and Technology (JEMT)*, 14(1), 85-88.
42. **Etiubon, R. U.** (2010). Integrating socio-cultural resources in chemistry teaching: Implication for value orientation. *Nigerian Journal of Curriculum theorists & Educational Technologists*, 1 (1), 19-32.
43. **Etiubon, R. U.** (2009). Scientific models and students' performance in senior secondary school chemistry. *Journal of Educational Technology and Instruction*, 1 (1), 78-82
44. **Etiubon, R. U.** and Ugwu, A. N. (2009). Retraining science teachers for peaceful coexistence: A challenge for integrating citizenship education in science curriculum. *Journal Of Curriculum Studies*, 16 (1), 228-237.
45. **Etiubon, R. U.** and Udofia, T. M. (2009). Promoting and sustaining educational research for self-reliance. *International Journal of Educational Research and Administration*, 6 (1), 11-14.
46. Ntino, M. I. and **Etiubon, R. U.** (2008). Influence of self-presentation and socio-economic status on health- risky behaviour among selected students in Cross River State, Nigeria. *Ife Journal of Theory and Research in Education*, 11 (1&2), 26-32.
47. **Etiubon, R. U.** and Etiubon, P.E. (2007). Causes and Consequences of violence among youths in Calabar South Local Government Area of Cross River State. *Ife Journal of Educational Studies*, 13 (1), 79-85.
48. **Etiubon, R. U.** and Udo, M. E. (2007). Class groupings and students' performances in electrolysis using problem-based learning approach. *Nigerian Journal of Science and Science Education*, 8 (1), 83-90.

49. **Etiubon, R. U.** (2007). Availability of solid mineral resources and industrial utilisation in Nigeria. *Journal of Industrial Research*, 5 (1), 1-7.
50. **Etiubon, R. U. & Umoinyang, I. E.** (2007). Educational facilitators and examination malpractice in secondary schools in Calabar Municipality. *Journal of Research in Education*, 4 (1), 6-11.
51. **Etiubon, R. U.** (2007). Effects of teaching resources and attitude of students' achievement in chemistry. *Journal of Research in Education*, 4 (2), 1-7.

### **(iii) BOOK CHAPTERS**

52. **Etiubon, R. U.** (2017). The Role of Information Communication Technologies (ICTs) in promoting capacity building and skills development of chemistry teachers. In M. T. Joshua, P. N. Asuquo, J. S. Petters. Education for Careers in the 21st Century (A Festschrift in Honour of Professor Daniel I. Denga). University of Calabar Press, Calabar, Nigeria. pp.520-533.
53. **Rebecca U. Etiubon** and Ifang, Kingsley Okon (2017). Flipped classroom as an effective method for teaching valency of elements and chemical formula of compounds. In P. Ibole, M. A. C. Enedoh, E. T. Owoyemi & E. I. Igboegwu (Eds.). STAN Chemistry Panel Workshop Series 13: Chemical Combination and Chemical Reactions: A Handbook for Chemistry Teachers (pp. 19-21). Abuja: STANPlace.
54. **Etiubon, R. U.** (2016). Simplifying the teaching of Paper Chromatography using Engagement Strategy. In P. Ibole, M. A. C. Enedoh, E. T. Owoyemi & E. I. Igboegwu (Eds.). STAN Chemistry Panel Workshop Series 12: Nature of Matter and Separation Techniques: A Handbook for Chemistry Teachers (pp.64-66). Abuja: STANPlace.
55. **Etiubon, R. U.** (2015). Effective teaching of Sodium Metal using Concept Mapping Method. In P. Ibole, M. A. C. Enedoh, E. T. Owoyemi & F. E. Opara (Eds.). STAN Chemistry Panel Series 11: Metals and their Compounds: A Handbook for Chemistry Teachers (pp.64-66). Ibadan: STAN.
56. **Etiubon, R. U.** (2013). Simplifying atom-mass-mole relationships in elements and compounds. In G. O. Ojokuku; E. O. Amadi; Hadiza, I. Yero & N. A. Uduchukwu (Eds.). STAN Chemistry Panel Series 9: Strategies for teaching mole concept, gas laws and calculations from chemical equations: A Handbook for Chemistry Teachers (pp. 29-31). MacChin Multimedia Designers, Zaria
57. **Etiubon, R. U.** (2012). Problem-based Learning Approach for Teaching electrovalent, covalent and coordinate covalent combinations in Senior Secondary Chemistry. In G. O. Ojokuku; E. O. Amadi; Hadiza, I. Yero & Pep M. Ibole (Eds.). STAN Chemistry Panel Series 8: Strategies for teaching particulate nature of matter and chemical combinations: A Handbook for Chemistry Teachers (pp. 67-70). MacChin Multimedia Designers, Zaria.
58. **Etiubon, R. U.** (2012). Science Curriculum Innovation in Nigeria: Challenges and Prospects in the 21<sup>st</sup> Century. In Prof. Ogo Ibeneme, Prof. Bernard Alumode, Dr. Hogan Usoro (pp 320-338). West and Solomon Publishing Co. Ltd., Kano, Lagos, Warri and Onitsha.
59. **Etiubon, R. U.** (2011). Activity-based Teaching Strategy for Introductory Lessons on States of Matter. In G. O. Ojokuku; E. O. Amadi; Mfon, E. Udo & E. O. Onwukwe (Eds.). STAN Chemistry

Panel Series 7: Teaching Nature of Matter & Separation Techniques: A Handbook for Chemistry Teachers (pp. 42-44). MaChin Multimedia Designers, Zaria.

60. **Etiubon, R. U. (2010).** Effective Use of Problem-based Learning in the Teaching of Electrolysis. In G.O. Ojokuku & E. O. Amadi (Ed.). STAN Chemistry Panel Series 6: Teaching Electrochemistry: A Handbook for Chemistry Teachers (pp.78-81). Ibadan: STAN.
61. **Etiubon, R.U. (2009).** Utilization of Problem-based learning approach for effective teaching of 1<sup>st</sup> Law of Thermodynamics in Senior Secondary Schools. In M. A. Olayiwola & W. S. Umoh (Ed.). STAN Chemistry Panel Series 5: Effective Methods of Teaching Inorganic Chemistry Link: A Handbook for Chemistry Teachers (pp.9- 15). Ibadan: STAN.
62. **Etiubon, R. U. (2008).** Enhancing the Teaching of Simple machines using Problem-based learning Approach in Primary Science Curriculum using day-to-day activities. In N. Udofia (Ed.), Proceedings of STAN Primary Science Workshop (pp. 29-33), IMK Publishers.

#### **(iv) CONFERENCE PROCEEDINGS**

63. **Etiubon, R. U. and Okopide, Anyanime Akpan (2015).** Utilizing Research Findings in Science Education Curriculum for Teachers' Creative Skills. In Zephrinus, C. Njoku (Ed.). STAN 56<sup>th</sup> Annual Conference: Towards Effective Application of STEM Education Research (pp. 291- 298). HEBN Publishers Plc, Ibadan.
64. **Etiubon, R.U. (2014).** The Extent of Awareness of Research-Based STEM Literacy Programme among Nigerian Teachers. 3<sup>rd</sup> International Conference of STEM Education, **British Columbia** University, Vancouver, **Canada**
65. **Etiubon, R. U. and Udeme, Isaac Udofia (2013).** Human Capacity Development in STEM Education for attaining MDGs: A Case Study of University of Uyo, Nigeria. In Okechukwu, S. Abonyi (Ed.). STAN 54<sup>th</sup> Annual Conference: Attaining the MDGs through STEM education (pp. 42-47). HEBN Publishers Plc. Ibadan.
66. **Etiubon, R. U. and Etiubon, Paul E. (2012).** Utilization of ICT Resources as a Challenge to UBE Implementation in Upper Basic Education Level. In Okechukwu, S. Abonyi (Ed.). STAN 53<sup>rd</sup> Annual Conference: Meeting the Challenges of UBE through STM Education (pp. 105-111). HEBN Publishers Plc, Ibadan.
67. **Etiubon, R. U., Ugwu, Anthonia N. and Ofuebe, J. I. (2011).** Status of Science and Technology Curricula Towards National Education Reforms. In Okechukwu, S. Abonyi (Ed.). STAN 52<sup>nd</sup> Annual Conference: Reforms in STEM Education (pp.48-53). HEBN Publishers Plc.
68. **Etiubon, R. U. (2009).** Integrating entrepreneurial skills into classroom chemistry teaching: Implication for National Development. In Nsikak-Abasi Udofia (Ed.). STAN 50<sup>th</sup> Annual Conference Proceedings: Developing Entrepreneurial Skills Through Science, Technology and Mathematics STM Education (pp.187-190). HEBN Publishers Plc.

#### **(iv) CONFERENCES/WORKSHOPS ATTENDED WITH DATES**

1. \*21<sup>st</sup> Century Skills and Undergraduate Students' Preparedness for Lifelong Learning in Science Education, ICASE STEM World Conference, Thailand, 3<sup>rd</sup> - 10<sup>th</sup> December, 2019.
2. Flipped classroom as an effective method for teaching valency of elements and chemical formula of compounds. Paper presented at the Science Teachers Association of Nigeria (STAN) Chemistry Workshop Panel Series, Community Secondary School, Aka Offot, Akwa Ibom State, 21st-27th May, 2017
3. Simplifying the teaching of Paper Chromatography using Engagement Strategy. Paper presented at the Science Teachers Association of Nigeria. Chemistry Workshop Panel Series, Workshop Series 12: Nature of Matter and Separation Techniques: A Handbook for Chemistry Teachers (pp.64-66). Abuja, 2016.
4. Coal as Quality Resource of Carbon Compounds. Paper presented at the Science Teachers Association of Nigeria (STAN) Chemistry Workshop Panel Series, Katsina State Science and Technical Education Board, Govt. Science Secondary School, Faskari, Katsina State, 17<sup>th</sup>-23<sup>rd</sup> May, 2015.
5. \*3<sup>rd</sup> International Conference of STEM Education, British Columbia University, Vancouver, Canada, July 12-16<sup>th</sup>, 2014
6. Coal as a resource for teaching the chemistry of Carbon. Paper presented at the Science Teachers Association of Nigeria (STAN) Chemistry Workshop Panel Series, Lagos Technical College, Lagos State, 16-19 May, 2014.
7. \*Indo-American Education Summit & Expo. Educational Excellence Without Borders. The Indus Foundation. Hyderabad, India, pp. 162. 2013
8. Simplifying Atom-Mass-Mole Relationship in Elements and Compounds. Paper presented at the Science Teachers Association of Nigeria (STAN) Chemistry Workshop Panel Series, Community Education Resource Centre, Akure, Ondo State, 19-25<sup>th</sup> May, 2013.
9. Problem-Based Learning Approach for Teaching Electrovalent, Covalent and Coordinate Covalent Combinations in SS Chemistry. Paper presented at the Science Teachers Association of Nigeria (STAN) Chemistry Workshop Panel Series, Education Resource Centre, Minna, Niger State, 6-12<sup>th</sup> May, 2012.
10. Activity-based teaching on states of matter. Paper presented at the Science Teachers Association of Nigeria (STAN) Chemistry Workshop Panel Series, Alvan Ikoku Federal College of Education, Owerri, Imo State, 19-25<sup>th</sup> June, 2011.
11. Effective use of problem-based learning in the teaching of electrolysis. Paper presented at the Science Teacher Association of Nigeria (STAN) Chemistry Panel Workshop, Loyola College, Abuja, March 17-21, 2010
12. Scientific models and students' performance in senior secondary school chemistry. Paper presented at the Nigeria Association for Educational Media and Technology (NAEMT). State

Chapter Workshop, Akwa Ibom State Polytechnic, Ikot Osurua, Ikot Ekpene. April 27-30, 2009.

13. Enhancing the Teaching of Simple machines using Problem-based learning Approach in Primary Science Curriculum using day-to-day activities. Paper presented at the Science Teacher Association of Nigeria (STAN) Primary Science Panel Workshop. Adiahaobong Secondary School, Uyo, May 20-24, 2008
14. Linking the teaching of cyanides to learners' day-to-day chemistry activities. Paper presented at Science Teacher Association of Nigeria (STAN) Chemistry Panel Workshop, Girls' Secondary School, Umuahia, Abia State, March 4-8, 2008.

#### (d) EXHIBITIONS/ COMPOSITION

- STAN Conference Quizzes
- 'In many other ways than Academic' – STAN Projects for Skills Acquisition

#### F. CONFERENCES WITH PAPERS PRESENTED WITH DATES

1. \*7<sup>th</sup> ICASE World Conference on Science and Technology Education, Dubai, UAE, 27<sup>th</sup> – 30<sup>th</sup> March, 2023.  
**Paper Presented:** Etiubon, R. U. and Udoh, N. M. Optimizing Tertiary Students' Engagement in STEM Education Through Upskilling Techniques for Sustainable Development
2. \*World Science and Technology Education Conference, ICASE (STEM) World, Thailand, 3<sup>rd</sup> - 10<sup>th</sup> December, 2019.  
**Paper Presented:** Etiubon, R. U. and Akpan, A. O: 21<sup>st</sup> Century Skills and Undergraduate Students' Preparedness for Lifelong Learning in Science Education
3. 60<sup>th</sup> Anniversary Conference Proceedings of Science Teachers Association of Nigeria, Port Harcourt, Rivers State, 15<sup>th</sup> -18<sup>th</sup> August, 2017.  
**Paper Presented:** Anyanime, O. Akpan, Rebecca U. Etiubon and Idongesit N. Udosen; Science Technology, Engineering and Mathematics (STEM) Teachers' Preparedness for Socio-Economic Empowerment of Senior Secondary Science Students in Nigeria
4. 56<sup>th</sup> Annual Conference of Science Teachers Association of Nigeria, Awka, 18 -21 August, 2015.  
**Paper Presented:** Etiubon, R. U. and Okopide, A. A. Utilizing Research Findings in Science Education Curriculum for Teachers' Creative Skills.
5. 3<sup>rd</sup> International Conference of STEM Education, British Columbia University, Vancouver, Canada, July 12-16<sup>th</sup> (2014).  
**Paper Presented:** Etiubon, R. U. and Ifang, K. O: The Extent of Awareness of Research-Based STEM Literacy Programme among Nigerian Teachers.

6. 1<sup>st</sup> Annual conference of the Faculty of Education, University of Uyo Community Centre, Uyo, 10<sup>th</sup>-14<sup>th</sup> Oct. 2011.  
**Paper Presented: Etiubon, R. U.** Overschooling and students' study skill factors in Junior Secondary School Basic Science.
7. 51<sup>st</sup> Annual Conference of Science Teachers Association of Nigeria, Akure, Ondo State. 15<sup>th</sup>-19<sup>th</sup> Aug. 2011.  
**Paper Presented: Etiubon, R. U.** Status of science and technology curricula towards National Education Reforms.
8. 23<sup>rd</sup> Annual Conference of Curriculum Organization of Nigeria. Abakaliki, Ebonyi State, 15<sup>th</sup>-18<sup>th</sup> Sept. 2010.  
**Paper Presented: Etiubon, R. U.** Curriculum Innovativeness in science-technology content and teachers' adaptation in Nigeria.
9. 51<sup>st</sup> Annual conference of Science Teachers Association of Nigeria, Makurdi, Benue State, 24<sup>th</sup>-29<sup>th</sup> Aug. 2010.  
**Paper Presented: Etiubon, R. U.** Effects of instructional strategies and students' variables on their cognition of world economic meltdown.
10. Nigeria Association for Educational Media and Technology (NAEMT) College of Education, Afaha Nsit, Akwa Ibom State. 5<sup>th</sup> – 9<sup>th</sup> Oct. 2010.  
**Paper Presented: Etiubon, R. U and Ugwu, A.N.** Emerging issues on implementation of national policy on education and ICTs integration in science education
11. 50<sup>th</sup> Annual Conference of Science Teachers Association of Nigeria, UK Bello Arts Theatre, Minna, 24<sup>th</sup>-29<sup>th</sup> August 2009.  
**Paper Presented: Etiubon, R. U. and Ugwu, A. N.** Integrating entrepreneurial skills into classroom chemistry teaching: Implication for national development.
12. 6<sup>th</sup> Annual National Conference of Primary and Tertiary Teacher Education Association of Nigeria (PATTEAN), College of Education. Afaha Nsit, Uyo, 27<sup>th</sup>-31<sup>st</sup> July, 2009.  
**Paper Presented: Etiubon, R. U.** Teachers' utilization of ICT learning resources: Accessing quality primary education.
13. International Conference for Promoting and sustaining educational research, University of Nigeria, Nsukka, Enugu Campus, August 6-8, 2008  
**Paper Presented: Etiubon, R.U. and Udofia, T. M.** Promoting and sustaining educational research for Self-Reliance
14. **Paper Presented: Etiubon, R. U** Integrating socio-cultural resources in chemistry teaching: Implication for value-orientation. University of Ibadan, Ibadan. 19<sup>th</sup> May, 2009.
15. 30<sup>th</sup> Annual Convention and Conference of Nigeria Association for Educational Media and Technology, Afaha Nsit, Uyo, 29<sup>th</sup> April 2009.  
**Paper Presented: Etiubon, R. U.** Scientific models and students' performance in senior secondary school chemistry. State Polytechnic, Ikot Osurua, Ikot Ekpene.



16. 3<sup>rd</sup> Biennial Conference of Curriculum Organization of Nigeria, University of Calabar. February 11 -14, 2009.

**Paper Presented:** Udofia, T. M. & Etiubon, R.U. Challenges and Prospects of Assessment Practices in Senior Secondary School Science Curriculum.

17. 21<sup>st</sup> Annual Conference of Curriculum Organization of Nigeria. Nigerian Educational Research Development Council (NERDC). Sheda, Abuja, 17 -20, Sept. 2008.

**Paper Presented:** Etiubon, R. U. Retraining science teachers for peaceful coexistence: A challenge for integrating citizenship education inn science curriculum.

### ARTICLES CAPTURED BY CITATION BODIES

i)	Google Scholar	160
ii)	ResearchGate	27
iii)	Scopus	11

### G. ANY OTHER RELEVANT INFORMATION

- i) **The Great STAN DEBATE 2022: Can Artificial Intelligence (A.I.) Replace Humans in The Classroom? (MAIN SPEAKER)**

**HOBBIES:** Reading, Writing, Travelling, Gardening and Sporting.

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### H.

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**SIGNATURE**

.....  
**DATE**

**Phone No. 0802 706 8894**