

CURRICULUMVITAE
CATHERINEOHUNENEOMOLE

**SchoolofScienceandTechnology
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PERSONALDATA

DateofBirth	28 th Sept1969
PlaceofBirth	Kainji
Sex	Female
LocalGovt.Area	Okene
StateofOrigin	Kogi
MaritalStatus	Married
PresentLevel/Status	Chief Lecturer
Nationality	Nigerian
CurrentPostaladdress	P.O.Box1358Bauchi.
PermanentHomeAddress	TambariHousingEstate,Sulei manAdamuRoad,oppositeL14,Newe xtension,Bauchi.
PresentEmployment	Lecturer,ATAPBauchi.

INSTITUTIONS ATTENDED WITH DATES

Fatima Private School Jos	School Leaving Certificate	1971-1979
Federal Govt. College Jos	WAEC Certificate	1979-1984
Ahmadu Bello University Zaria	IJMB	1984-1985
Ahmadu Bello University Zaria	B.S.c Chemistry Hons	1985-1988
Federal University Oye Ekiti	B.Sc Industrial Chemistry Hons	2018-2023
Abubakar Tafawa Balewa University Bauchi	P.G.D. Education	1992-1993
Abubakar Tafawa Balewa University Bauchi	M.Ed Chemistry	1997-2000
Abubakar Tafawa Balewa University Bauchi.	Ph.D Chemistry Education	2012

WORKING EXPERIENCE

POST/ORGANISATION	ACTIVITIES	DATE
National Youth Service Corps (NYSC)	Teacher with Federal Government College Owerri	1988-1989
Ministry of Education; Army Barracks Bauchi	Teacher with Govt. Day Sec. School Bauchi	1990-1993
National Teachers Institute	Part Time Facilitator (Post Graduate Diploma in Education Programme)	2009-2017
National Open University	Part Time Instructional/Tutorial Facilitator	2009 till date
Abubakar Tatari Ali Polytechnic	<ul style="list-style-type: none"> Lecturer Served as the Head of General Studies Department. Has served in several committees in different capacities Pioneer Dean of the School of Science and Technology. A TAP Bauchi. 	1993 Till date 2008-2010
National Board for Technical Education (NBTE)	Resource person for Accreditation/Reaccreditation/Resource inspection exercise at Abdu Gusau Polytechnic Talata Mafara Zamfara State.	2010

National Board for Technical Education (NBTE)	Resource person for Accreditation/Reaccreditation/Resource inspection exercise at Federal Polytechnic Mubi Adamawa State.	2017
National Board for Technical Education (NBTE)	Resource person for Accreditation/Reaccreditation/Resource inspection exercise at the Iwo polytechnic Iwo Osun State.	2018
National Board for Technical Education (NBTE)	Resource person for Accreditation/Reaccreditation/Resource inspection exercise at State polytechnic Otefe-Oghara Delta State.	2018
National Board for Technical Education (NBTE)	Resource person for Accreditation/Reaccreditation/Resource inspection exercise at Anambra State College of Agriculture Mbakwu	2018
National Board for Technical Education (NBTE)	Resource person for Accreditation/Reaccreditation/Resource inspection exercise at Federal Polytechnic Damaturu,	2018
National Board for Technical Education (NBTE)	Resource person for Accreditation/Reaccreditation/Resource inspection exercise at South Eastern Polytechnic Uyo.	2019
National Board for Technical Education (NBTE)	Resource person for Accreditation/Reaccreditation/Resource inspection exercise at IMT Enugu	2019
National Board for Technical Education	Resource person for Accreditation/Reaccreditation/Resource inspection exercise at Federal Polytechnic Offa.	2021
National Board for Technical Education	Federal College of Education Gindiri	2021
National Commission for Colleges of Education (NCC E)	<ul style="list-style-type: none"> • Training Workshop on innovative Techniques in Teaching. • Part time facilitator for PGDE affiliated to Open university. • Part time Facilitator for B.Sc/B.A.Ed programmes affiliated to National Open University. • SDG project on Basic Classroom Teaching Methods and Techniques 	2018
National teachers Institute MDG programme (NTI)	Training programme for Teacher Educators in integrated Science	2010
		2009 till date.

National Commission for Colleges of Education (NCC E)		Nov 2016
Abubakar Tatari Ali Polyechnic	Deputy Director Academic Planning.	2013-2014
Abubakar Tatari Ali Polyechnic	Director Academic Planning.	Nov 2014-2019
Abubakar Tatari Ali Polyechnic	Director of Degree Programs ATAP Bauchi in affiliation with ATBU Bauchi.	Feb 2019-Feb 2021

HOBBIES

Reading, Watching Films and Browsing the Net.

RESEARCHES CONDUCTED WITH DATES

- Final year project (1988) B.Sc thesis. Ahmadu Bello University, Chemistry Department.
3-Mini projects were conducted by three different supervisors
Topics: (i) The use of thin layer chromatography for the separation of phenols, including some modifications.
(ii) The study of the properties of some complexes formed by sodium dithionate and piperazine with tin tetrachloride.
(iii) Kinetic studies of the redox reactions involving titanium(III) and bromate ions in aqueous solutions.
- A survey of the difference between the Old and the New Chemistry Curriculum (1992) PGDE thesis. Abubakar Tafawa Balewa University Bauchi.
- Enhancing the transition from concrete to formal cognitive functioning for improved achievement in chemistry. (August 2000). M.Ed. Chemistry thesis. Abubakar Tafawa Balewa University Bauchi.
- The effect of previous knowledge on students' cognition, comprehension, and achievement in some content areas in chemistry (July 2011), PhD. Chemistry Education. Abubakar Tafawa Balewa University Bauchi.

PUBLIC LECTURES

Education, the antidote to poverty

Zain/ATAP Corp Member excellence and leadership award at ATAPB auchi. (17th oct 2009).

Reviving the Reading Culture in the Nigerian Child.

39th Founders Day and annual inter-house competition at Federal Government College Jos. (18th feb 2012).

PROFESSIONAL BODIES

Teachers Registration Council (TRCN) Member

Science Teachers Association of Nigeria (STAN) Member

Chemical Society of Nigeria (CSN) Member

AWARDS

Most outstanding Dean 2009

Awarded by: Zain/ATAP Corp members
An Excellence and leadership award.

Certificate of Honor 2012

Awarded by: the Hospitality and Tourism Management Department
in recognition of the contribution to the department.

Leadership Award, 2016

Director of the year.
Abubakar Tatari Ali Polytechnic Bauchi.

PUBLICATIONS WITH DATES

- Oloyede, O. I. and Omole, C. O. (1999) Perception of the National Educational Objectives of the student teachers in some Faculties of Education in Nigeria. *Journal of the League of Researches in Nigeria*. Volume 2 No. 1
- Omole, C. O. and Mbishida, Y. Y. (2004) The causes of Examination malpractice amongst Science Students and its effect on the society; The way forward. *Journal of the League of Researches in Nigeria*. 5(2), 43-48.
- Omole, C. O. and Dinki, B. (2004) Factors militating against Women Development in Science and Professional occupations. *Journal of the League of Researches in Nigeria*. 5(2), 22-26.
- Omole, C. O. and Mbishida. (2004) Air pollution and the environmental impact of the Emission of CO₂ and SO₂ on our environment. *Journal of league of researchers in Nigeria*. 5(2), 06-10.
- Omole, C. O. and Chiroma, M. (2005) Competencies Required of Science and Technology Teachers *Nigerian Journal of Science and Educational Research NIJOSER Vol. 1 and 2. A Scientific Publication of the School of Science Federal College of Education Zaria in Collaboration with the association of Science Educators in Nigeria*. 1(2). 165-168.
- Omole, C. O. and Ladan, H. (2011) Determination of Some essential Elements from the Seed of Cassia Obtusifolia (Cassia Tora). *Journal, School of Education. (FCEGOMBE)* 2(1), 186-189.
- Omole, C. O. and Ladan, H. (2012) The Relevance of Science Education and Entrepreneurship vis-à-vis the Millennium Development Goals: Nigerian women in Focus. *Journal, School of Education. (FCEGOMBE)* 2(1), 19-23..
- Omole, C. O. (2007) Using Comprehensive Skills as a tool for the improvement of Learning and achievement in Chemistry. *Garu Academic Journal*. 1(1), 121-127

- Oloyede O. I. & Omole C. O. (2010). Antioxidants in our feeding as an antidote to food crisis (2010). *Journal of the Science Teacher Association of Nigeria* 45(1,2), 23-97.
- Demide, C. O. and Oloyede O. I. (2000) Enhancing Transition from Concrete to formal cognitive functioning for improvement of achievement in chemistry. *Africa Journal of Research in Education November, Development African Consortium, A compilation of Research in Education theory and practice.* 4(2), 49-53
- Omole, C. O. (2008) Steps involved in Teaching calculating in Mass and Volume relationships in "O" level Chemistry. *International Journal of Research in Education.* 5(1,2); 178-182
- Omole, C. O. & Oloyede O. I. (2011). The Effect of previous experience on improving Cognition Comprehension and achievement of students in STEM Education; some selected chemistry concepts in focus. *Journal of Research in Education & Society, International perspective* 2(1), 142-151.
- Omole, C. O. and Ladan, H. (2011) Imbibing reading culture to Further Enhance Students Achievement in science? *Journal of communication and Culture, International perspective.* 2(1), 01-11
- Omole, C. O. (2011) Coding and Encoding Difficulties in Organic Nomenclature. (2011) *Journal of Research in Education and Society. An international Perspective.* 2(3), 19-23.
- Oloyede, O. I. and Omole, C. O. (2012) Effect of previous knowledge on Students cognition in some content areas in chemistry. *Eurasian Journal of Physics and Chemistry Education* 5(1)
- Omole, C. O. (2014) STEM Education as a tool for achieving the Millennium Development Goals in Nigeria. *Stem Planet Journal Volume 1 ISSN 2203-241x*
- Omole, C. O. and Ozoji B. E. (2014) "Science Education and Sustainable Development in Nigeria." *American Journal of Educational Research* 2.8(2014): 595-599.
- Ozoji, E., Bahago, B. A. Omole, C. O. and Eduwem, J. (2015) Teaching science, Technology and Mathematics Education in a terrorist environment: a challenge to sustainable national development *Contemporary Journal of Arts and Science. vol. 1 no. 1. published online march, 2015*
- Omole, C. O. and Ugwu, E. U. (2018) Bilingual Education for STEM Achievement: A Comparison of the Nigeria and Texas Bilingual Education Programs. *International Journal of Technology and Inclusive Education (IJTE) Vol. 7 Issue 2.*
- Eduwem, J. D., Omole, C. and Ezeonwumelu, V. U. (2021) Principals Quality Control of time book, Teacher Class attendance and Teachers Job Performance in Secondary Schools in Calabar Education Zone of Cross River State. *IOSR Journal of research and Method in Education (IOSR-JRME) e-ISSN: 2320-737x Volume 11, issue 1 Ser. II (Jan-Feb. 2021). Pp 57-62 www.iosrjournals.org*

Okeke, C. and Omole, C. (2022). A study of the student's academic achievement in afternoon shift schools. A case study of some selected secondary schools in Bauchi, North East Nigeria. *Journal of Education and Academic Research*. Vol. I, Issue I, pp 23-27.

CONFERENCES

Oloyede O. I. & Omole C. O. (2010) STEM for Women Empowerment as a Solution to global economic crisis. 23-28 August 2010 **STAN Conference** at Markudi (Benue State).

Omole C. O. (2012) STEM Education and basic skill acquisition in the 21st century. 6th-11th August 2012 **STAN Conference** at Abuja (FCT).

Omole C. O. (2012) Enhancing STEM Education for Sustainable National Development. 8th-11th October 2012 **WITED Conference** at Federal Polytechnic Ilaro.

Omole C. O. (2013) STEM Education as a tool for achieving the millennium development goals. 12th-16th August 2013 **STAN Conference** at Akaufot. (Akwa-ibom state).

Omole C. O. (2013) STEM Education as a tool for achieving the millennium development goals. 29th September – 3rd October 2013. **World Conference** on Science and Technology Education 2013 UNIMAS, Kota Samarahan, Sarawak, Malaysia.

Omole C. O. (2023) Development of Stem Education in Nigeria, the way forward. 7th **ICASE World Conference** on STEM Education on 27-30 March 2023, Dubai, the United Arab Emirates. British University in Dubai and Amity University Dubai.

Textbooks

Understanding Basic Calculations in Chemistry (2011)
ISBN: 978-978-937-333-8, Revised 2013
By Catherine Ohunene Omole and Mbishida Yohanna Yelmi

REFEREES

1. Prof. Ibrahim. M. Danjuma 3. Dr. Nuhu Gin
Deputy Vice Chancellor, Federal University,
Abubakar Tafawa Balewa University Gashua.
Bauchi.

2. Mal.MohammedSani
DeputyRegistrar,
AbubakarTatariAliPolytechnic,Bauchi