

UNIVERSITY OF NIGERIA, NSUKKA**DEPARTMENT OF BIOCHEMISTRY****INFORMATION FOR ADVERTISEMENT FLYER AND POSTGRADUATE WEBSITE ENRICHMENT****M.Sc and Ph.D DEGREE PROGRAMMES OF DEPARTMENT OF BIOCHEMISTRY****1. NAME OF DEPARTMENT: BIOCHEMISTRY****PHILOSOPHY, OBJECTIVES AND SCOPE OF PROGRAMME**

The Department of Biochemistry aims at producing M.Sc and Ph.D graduate biochemists who are not only equipped with knowledge in all the modern aspects of the discipline, but are also poised to meet needs of Nigeria in particular and Africa in general in their area of specialty. Thus, the programme lays much stress on such locally important topics as Nutritional and Food Biochemistry; Pharmacological and biochemical basis of diseases and chemotherapy, including biochemical studies on African traditional medicine; Medical Biochemistry and human biochemical genetics, particularly with respect to the West African sub-region; Lipids and lipoproteins; Industrial Biochemistry and Biotechnology; Bioremediation and Environmental Biochemistry; Enzymology and Protein Chemistry, Molecular Biology and Bioinformatics.

3. DEPARTMENTAL LOGO: None**4. BRIEF HISTORY OF THE DEPARTMENT**

The University of Nigeria Senate's approval of a degree programme in Biochemistry was given on March 26th, 1971. The commencement of the degree was authorized with effect from the 1971/72 academic year. At inception, the Department was located in one room at the second floor of Carver Building. The Department had as its first academic staff, Dr. A. U. Ogan (later Professor Ogan) as pioneer Head of Department, Dr. E. N. Ugochukwu (later Professor Ugochukwu), Mr. E. O. Anosike (later Professor Anosike), Mr. S. I. O. Agogbua (now late), Mr. E. I. Mbadiwe (later Dr. Mbadiwe), Mr. M. O. Eze (later Professor Eze), Mr. I. C. Ononogbu (later Professor Ononogbu of blessed memory), Mr. G. O. Osuji (later Professor Osuji), and Miss G. Amadi (later Professor Mrs. G. Njemanze of blessed memory).

The honours degree programme in Biochemistry started with the above members of academic staff and presently there are thirty two members of academic staff and twenty members of administrative/technical staff.

The table below gives information of the Headship of the Department from inception to date.

TABLE 1: HEADSHIP OF THE DEPARTMENT FROM INCEPTION TO DATE

S/NO	NAME	DATE
1	Prof. A. U. Ogan	1970 - 1977
2	Dr. E. N. Ugochukwu	1977 - 1979
3	Prof. G. M. Umezurike	1979 - 1982
4	Dr. E. O. Anosike	1983 - 1984
5	Dr. O. Obidoa	1984 - 1987
6	Dr. C. O. Echetabu	1987 - 1989
7	Dr. L. C. Eze	1989 - 1992
8	Prof. I. C. Ononogbu	1992 - 1997
9	Prof. O. Obidoa	1997 - 1999
10	Prof. I. C. Ononogbu	2000 - 2002
11	Dr. O.F.C. Nwodo	2002 - 2003
12	Dr. P. N. Uzoegwu	2003 - 2005
13	Dr. E. O. Alumanah	2005 - 2007
14	Prof. O. U. Njoku	2007-2008
15	Prof. I.N.E. Onwurah	2008 - 2010
16	Prof. L.U.S. Ezeanyika	2010 - 2013
17	Prof. O.F.C. Nwodo	2013 - 2016
18	Prof. F.C. Chilaka	2016-date

The Table below shows the academic staff growth of the Department over the past thirty one years.

TABLE 2: STAFF GROWTH OF THE DEPARTMENT OF BIOCHEMISTRY (1985 - 2016)

Rank	1985	1990	1995	2000	2005	2010	2015	2016
Professors	1	2	3	3	3	10	7	7
Readers								1
Senior Lecturers	7	5	6	9	14	7	10	10
Lecturers I and II	6	7	7	5	2	5	4	5
Assistant Lecturers	2	1	1	2	3	1		6
Graduate Assistants						2	5	3
TOTAL	16	15	17	19	22	25	26	32

5. APPROVED POSTGRADUATE PROGRAMMES OF THE DEPARTMENT/ DATE OF APPROVAL OF POSTGRADUATE PROGRAMMES:

Post graduate programme in Biochemistry was approved in the year 1977

The approved postgraduate programmes of the Department of Biochemistry are Master of Science (M.Sc) and Doctor of philosophy (Ph.D) in Enzymology and Protein Chemistry, Industrial Biochemistry and Biotechnology, Environmental Biochemistry, Medical Biochemistry, Pharmacological Biochemistry, Nutritional and Food Biochemistry, Molecular Biology and Bioinformatics.

The mode of the M.Sc programme is two-thirds coursework and one-third research project. The PhD is undertaken through coursework presented as seminars on contemporary and topical issues in the course of study and an original research embodied in thesis.

6. ACADEMIC STAFF OF THE DEPARTMENT WITH THEIR QUALIFICATIONS

S/NO	NAME	RANK
1	F. C. Chilaka, B.Sc., M.Sc., Ph.D (Nig).	Professor
2	O.U. Njoku, B.Sc., M.Sc., Ph.D (Nig).	Professor
3	I. N. E. Onwurah, B.Sc. (Lagos), M.Sc., Ph.D (Nig).	Professor
4	L. U. S. Ezeanyika, B.Sc., M.Sc., Ph.D (Nig.)	Professor
5	O.F.C. Nwodo, B.Sc. (Nig). M.Sc., Ph.D (London).	Professor
6	H. A. Onwubiko, B.Sc. (Indiana), M.Sc. (Colorado) Ph.D (Nig).	Professor
7	B. C. Nwanguma, B.Sc., M.Sc., Ph.D (Nig), M.Sc. (Wmin).	Professor
8	Agiang M. A. B.Sc., (Nig) M.Sc., Ph.D (Calabar)	Reader
9	Egbuna P. A. C. B.Sc. (Nig), M.Sc. (Lagos)	Senior Lecturer
10	M. N. Awachie B.Sc., M.Sc., (Nig)	Senior Lecturer
11	O. C. Enechi, B.Sc., M.Sc., Ph.D (Nig)	Senior Lecturer
12	S. O. O. Eze, B.Sc., M.Sc., Ph.D (Nig)	Senior Lecturer
13	V. N. Ogugua, B.Sc., M.Sc. (Nig)	Senior Lecturer
14	O. E. Ikwuagwu B.Sc., M.Sc., (Nig)	Senior Lecturer
15	C. S. Ubani, B.Sc., M.Sc., Ph.D (Nig).	Senior Lecturer
16	C. A. Anosike. B.Sc., M.Sc., Ph.D (Nig),	Senior Lecturer
17	V. E. O. Ozougwu, B.Sc., M.Sc., Ph.D (Nig).	Senior Lecturer
18	U. O. Njoku, B.Sc., M.Sc. Ph.D (Nig).	Senior Lecturer
19	P. E. Joshua, B.Sc. (PH) M.Sc., Ph.D (Nig).	Lecturer I
20	E. C. Ossai, B.Sc., (Nig). M.Sc. (Japan)	Lecturer I
21	C. V. Agu B.Sc., M.Sc. (Nig).	Lecturer I
22	C. C. Okonkwo B.Sc., M.Sc. (Nig).	Lecturer I

23	C. C. Nkwocha B.Sc., M.Sc. Ph.D (Nig).	Lecturer II
24	K.V. Iloabuchi B.Sc., M.Sc. (Leeds, UK).	Assistant Lecturer
25	T. J. Ozulumba B.Sc., M.Sc. (Nig).	Assistant Lecturer
26	A. L. Ezugwu B.Sc., M.Sc. Ph.D (Nig).	Assistant Lecturer
27	E. G. Anaduaka B.Sc., M.Sc. (Nig).	Assistant Lecturer
28	I. U. Okagu B.Sc., M.Sc. (Nig).	Assistant Lecturer
29	F. N. Nworah B.Sc., M.Sc. Ph.D (Nig).	Assistant Lecturer
30	D. I. Udenwobele B.Sc., (Nig).	Graduate Assistant
31	J. O. Okafor B.Sc., (Nig).	Graduate Assistant
32	J. N. Nwachukwu B.Sc., (Nig).	Graduate Assistant

7. POSTGRADUATE EXPERIENCE: (1983 - 2016)

TABLE 3: M.Sc. and PhD GRADUATES OF THE DEPARTMENT OF BIOCHEMISTRY

Year	PhD.	M. Sc.	Grand total
1983 --1985	1	11	12
1986 - 1990	2	20	22
1991 - 1995	5	10	15
1996 - 2000	7	15	22
2001 - 2005	4	25	29
2006 - 2009	6	12	18
2010 - 2012	10	34	44
2013	3	18	21
2014	6	25	31
2015	9	46	55
2016	15	45	60

7b LIST OF APPROVED SUPERVISORS

S/NO	NAME	RANK
1	F. C. Chilaka, B.Sc., M.Sc., Ph.D (Nig).	Professor
2	O.U. Njoku, B.Sc., M.Sc., Ph.D (Nig).	Professor
3	I. N. E. Onwurah, B.Sc. (Lagos), M.Sc., Ph.D (Nig).	Professor
4	L. U. S. Ezeanyika, B.Sc., M.Sc., Ph.D (Nig.)	Professor
5	O.F.C. Nwodo, B.Sc. (Nig). M.Sc., Ph.D (London).	Professor
6	H. A. Onwubiko, B.Sc. (Indiana), M.Sc. (Colorado) Ph.D (Nig).	Professor
7	B. C. Nwanguma, B.Sc., M.Sc., Ph.D (Nig), M.Sc. (Wmin).	Professor
8	O. C. Enechi, B.Sc., M.Sc., Ph.D (Nig)	Senior Lecturer
9	S. O. O. Eze, B.Sc., M.Sc., Ph.D (Nig)	Senior Lecturer
10	V. N. Ogugua, B.Sc., M.Sc. (Nig)	Senior Lecturer
11	C. S. Ubani, B.Sc., M.Sc., Ph.D (Nig).	Senior Lecturer
12	C. A. Anosike. B.Sc., M.Sc., Ph.D (Nig),	Senior Lecturer
13	V. E. O. Ozougwu, B.Sc., M.Sc., Ph.D (Nig).	Senior Lecturer
14	U. O. Njoku, B.Sc., M.Sc. Ph.D (Nig).	Senior Lecturer
15	P. E. Joshua, B.Sc. (Uniport) M.Sc., Ph.D (Nig).	Lecturer I

8. STATEMENT OF COMPETENCIES/SKILLS ACQUIRABLE AT THE END OF POSTGRADUATE STUDIES IN THE DEPARTMENT:

The Department produces world class postgraduate Biochemists in various areas/fields as Enzymologists, Industrial and Environmental Biochemists, Medical Biochemist, Pharmacological Biochemist, Molecular Biologist, Nutritional and Food Biochemist, who can compete favourably and globally with other M.Sc and PhD graduates of other Universities across the world. The postgraduates of Biochemistry can take up positions in food and drug Industries, food and drug regulatory agencies, pharmaceutical companies, environmental and pollution control agencies; research and teaching positions in research Institutes and Universities.

9. SOME PICTURES OF ACTIVITIES UNDERTAKEN BY THE DEPARTMENT:

In 2011, the Department hosted the 35th Nigerian Society of Biochemistry and Molecular Biology (NSBMB) Conference



DVC (Enugu campus) National Excos of NSBMB and members of the LOC @ 35th NSBMB Conference



A cross section of participants during the conference



A cross section of participants during the conference



Conference dinner of 35th NSBMB 2011

10. ANY DISTINGUISHED GRAND ALUMNUS OF THE DEPARTMENT

The Department has produced prominent post graduate Biochemists who have excelled and have made their marks in various walks of life, some of who are:

1. Prof. E. C. Onyneke (PhD, 1987) (Professor of Biochemistry, University of Benin)
2. Prof. I. I. Ijeh (Ph.D, 1999) (Professor of Biochemistry, Federal University of Agriculture, Umudike)
3. Prof. C. C. Monago (Ph.D, 2004) (Professor of Biochemistry, University of Port Harcourt)
4. Prof. E. E. Iweala (Ph.D, 2007) (Professor of Biochemistry, Covenant University, Ota)
5. Dr Oge Anozie, M.sc (Environmental Biochemistry; 2002). Centre for Cardiovascular Disease, Texas Southern University Houston.

11. ANY OTHER INFORMATION

BREAKTHROUGHS AND ACHIEVEMENTS

- a).The concept of Biotechnology was introduced in 1986 in the Departmental of Biochemistry and was nursed and nurtured in the Department until it became a University project.
- b).The introduction of medical diagnosis unit by the Department revolutionised medical treatment in the University.
- c). A rapid electrophoresis system (Soweam Rapid Electrophoresis System) for easy separation of hemoglobin genotypes, plasma proteins and isoenzymes in human and animal blood by cellulose acetate electrophoresis was designed and developed by a team of Technologists (Messrs. S. O. Oguike, W. Essiet, and A. N. Mbah) from the Department.
- d). The Department has hosted three International Conferences and in 2009 instituted and hosted the Professor Agu U. Ogan Distinguished Lecture series.