

CURRICULUM VITAE

SECTION A: GENERAL INFORMATION

- a. NAME: OKUNGBOWA IMUETINYAN AMENZE
b. DATE AND PLACE OF BIRTH: 2nd August, 1985, Benin City.
c. MARITAL STATUS: Married
d. NATIONALITY: Nigerian
e. PERMANENT HOME ADDRESS: 6, Ewasede Street, off first east circular, Benin City, Edo State.
f. CURRENT POSTAL ADDRESS: Benson Idahosa University, P.M.B, 1100, G.R.A, Benin City, Edo State.
g. DEPARTMENT: Biological Sciences (Biochemistry Unit)
h. PHONE NUMBER: 08077413177
i. EMAIL: akungbowa@biu.edu.ng, amenzeokungbowa@gmail.com

SECTION B: QUALIFICATIONS

1. ACADEMIC QUALIFICATIONS:

a. Degrees:

PhD (Biochemistry) In view

M.Phil. (Toxicology and Environmental Biochemistry) [2017]
University of Benin, Benin City, Edo State, Nigeria

M.Sc. (Biochemistry (Molecular drug metabolism and toxicology)) [2011]
University of Ibadan, Oyo State, Nigeria

B.Sc. (Biochemistry) [2006]
University of Benin, Benin City, Edo State, Nigeria

SSCE [2001]
Greater Tomorrow Secondary School, Rueben Agho avenue, G.R.A. Benin City.

Primary School leaving certificate [1995]
Keti Nursery and Primary School, G.R.A, Benin City

2. TEACHING AND PROFESSIONAL EXPERIENCE:

a. EMPLOYMENT/ PROFESSIONAL EXPERIENCE BEFORE APPOINTMENT IN BENSON IDAHOSA UNIVERSITY

Undergraduate practical supervision (2010- 2011), Department of Biochemistry, Faculty of Basic Medical Sciences, University of Ibadan

Biology and Chemistry Teacher (2011-2013)
Etton College, Ikhueniro, Benin City

Integrated Science Teacher (2007-2008)
Government Secondary School, Shelleng, Adamawa State (NYSC)

b. PERIOD OF FULL TIME TEACHING IN BENSON IDAHOSA UNIVERSITY:

Lecturer I (2018-TILL DATE) Department of Biological Sciences, Faculty of Science, Benson Idahosa University (Biochemistry Unit)

Lecturer II (2015-2018) Department of Biological Sciences, Faculty of Science, Benson Idahosa University (Biochemistry Unit)

Assistant Lecturer (2012- 2015) Department of Biological Sciences, Faculty of Science,
Benson Idahosa University (Biochemistry Unit)

Student's Course Adviser (2012-2017) Department of Biological Sciences, Faculty of Science,
Benson Idahosa University

c. CAUSES TAUGHT AT BENSON IDAHOSA UNIVERSITY (2012 - 2020)

BCH 211- Introduction to Biochemistry I
BCH 213 - Lipid and Carbohydrate Chemistry and Metabolism
BCH 214 - Amino acid, Protein and Nucleic acid Chemistry
BCH 221 - Introduction to Biochemistry II
BCH 222 - Functional Biochemistry
BCH 223 - Introduction to Molecular Biology
BCH 311 - Intermediary Metabolism
BCH 312 - Experimental Biochemistry II
BCH 314 - Introduction to Enzymology
BCH 315 - Techniques in Biochemical Research
BCH 410 – Basic Immunology
BCH 411 - Topics in Enzymology
BCH 414 - Experimental Biochemistry III
BCH 420 - Biochemical Reasoning
BCH 424 – Plant Biochemistry
BCH 418 - Seminar and Biochemical literature
BCH422 - Research Project
BCH 810 - General Biochemistry
BCH 811 - Methods of Biochemical analysis

3. CONFERENCES ATTENDED:

- Society for Medicinal Plants and Economic Development Conference on Herbal Medicine, National Open University of Nigeria, Abuja. August 26th – 29th, 2019
Paper presented: Evaluation of nutritional and *Invitro* antioxidant potential of methanol extract of *Dennetia tripetala* leaves and its acute toxicity in albino rats.
- Organization for Women in Science for the Developing World (OWSD) 3rd International Conference and Scientific Exhibition, Benson Idahosa University, Edo State.
July 31st - August 4th 2017.
Paper presented: Protective effect of *Annona muricata* methanol leaf extract on bromate - induced kidney lesions in male Wistar albino rats.
- 7th Nigerian Young Academy (NYA) Conference and General Assembly, Federal University of Petroleum Resources, Effurun, Delta State. 7th-9th August, 2017.
Paper presented: *Annona muricata* mitigates against bromate-induced kidney Damage in rats.
- 16th Annual Scientific Conference of the Society for Experimental Biology of Nigeria (NISEB), University of Calabar, Cross River State. 27th - 30th April, 2016.
Paper presented: Protective role of *Annona muricata* against bromate-induced oxidative stress in male albino rats

- 10th Congress of the Federation of African Societies of Biochemistry and Molecular Biology/34th Conference of Nigerian Society of Biochemistry and Molecular Biology, Federal University of Technology, Minna, Niger State. 2nd-6th November, 2015.
Paper presented: Protective role of *Annona muricata* methanol leaf extract against bromate-induced renal damage in male albino rats
- 33rd Annual Conference Of The Nigerian Society Of Biochemistry And Molecular Biology (NSBMB) University of Ilorin, Kwara State. 11th- 14th November, 2014.
Paper presented: Effect of aqueous extract of *Vernonia amygdalina* leaves on antioxidant enzymes in indomethacin induced gastric injury in rats
- Unibadan Conference of Biomedical Research, University of Ibadan, Ibadan. 7th-9th July, 2010
- Tenth Anniversary and Extraordinary Conference of the Nigerian Society for Experimental Biology. University of Ibadan, Ibadan. 7th-9th September, 2010.

4. PUBLICATIONS/CREATIVE WORKS:

a. RESEARCH ACTIVITIES:

- Evaluation of nutritional composition and *in vitro* antioxidant potential of methanol extract of *Cola accuminata* leaves and its acute toxicity in albino rats (2019).
- Evaluation of nutritional composition and *in vitro* antioxidant potential of methanol extract of *Dennetia tripetala* leaves and its acute toxicity in albino rats (2019).
- Proximate analysis, phytochemical screening and antioxidant property of *Pennisetum purpureum*, *Desmodium veletunum*, and *Viscum album* leaves (2018)
- Proximate analysis, phytochemical profile and antioxidant property of *Cassia alata*, *Crussetia cujete* and *Myrianthus arboreus* leaves (2018)
- Comparative phytochemical and *in vitro* antioxidant analysis of some indigenous plants (2017)
- Effect of *Annona muricata* ethanol leaf extract on potassium bromate-induced kidney toxicity in albino wistar rats (2016)
- Role of *Annona muricata* ethanol leaf extract in potassium bromate-induced oxidative stress in male wistar albino rats (2015)
- Effect of *Annona muricata* ethanol leaf extract on some liver enzymes and hematological indices in male albino rats treated with potassium bromate (2015)
- Hepatoprotective role of *Annona muricata* and *Vernonia amygdalina* ethanol leaf extract in potassium bromate-induced toxicity in albino rats (2014)
- Amelioration of potassium bromate-induced renal damage in male wistar albino rats treated with *Annona muricata* and *Vernonia amygdalina* ethanol leaf extract (2014)
- Protective Role of Aqueous Extract of *Vernonia amygdalina* in indomethacin - induced gastric injury in rats. An M.Sc. dissertation (2011)

- The effect of flavonoids on carcinogen and xenobiotics metabolism. An M.Sc. Seminar, presented to the Department of Basic Medical Sciences, University of Ibadan (2010)
- Total cholesterol, Protein, albumin, globulin and aspartate amino transaminase in alloxan - induced diabetic rabbits, treated with *Garcinia kola*. A B.Sc. dissertation (2006)
- Cholera: A usurper of intestinal metabolism. A B.Sc. Seminar presented to the Department of Biochemistry, University of Benin (2004)

b. RESEARCH INTEREST:

- Antioxidants
- Medicinal plant
- Anticancer agents
- Anaemia

c. PUBLISHED PAPERS:

- ✓ Okungbowa A.I., Okugbo O.T. and Ezekiel-Hart O.W. (2018). 'Comparative Phytochemical and *in vitro* Antioxidant analysis of some indigenous plants'. *Benson Idahosa University Journal of Basic and Applied Sciences*.3(1): 41-51.
- ✓ Adegbegi Ademuyiwa Joshua, Usunobun Usunomena, Adewumi Bolorunduro Lanre, Okungbowa Amenze and O. Anyanwu Gabriel. 'Comparative Studies on the Chemical Composition and Antimicrobial Activities of the Ethanolic Extracts of Lemon Grass Leaves and Stems' (2012). *Asian Journal of Medical Sciences* 4(4):145-148.

5. PROFESSIONAL MEMBERSHIP:

- Nigerian Society for Experimental Biology (NISEB)
- Nigerian Society for Biochemistry and Molecular Biology (NSBMB)
- American Society for Biochemistry and Molecular Biology (ASBMB)
- Organization for Women in Science in the Developing world (OWSD)
- Society for Medicinal Plants and Economic Development (SOMPED)

SECTION C: ADMINISTRATIVE EXPERIENCE:

- Head of Biochemistry Unit (2018 till date)
- Course Adviser (2012-till date)
- Staff Adviser to Biochemistry Students Association (2018)
- Secretary to the Departmental Board of Examiners, Department of Biological Sciences, Benson Idahosa University (2015- 2018)
- Member, Quality assurance/curriculum development committee, Department of Biological Sciences, Benson Idahosa University (2018)
- Member, Faculty welfare committee, Faculty of Science, Benson Idahosa University (2017 till date)
- Secretary to the Organization for Women in Science for the Developing world (OWSD), BIU Chapter (2018)
- Chairperson, protocol subcommittee for OWSD-BIU Conference, 2017
- Member, accommodation subcommittee for OWSD-BIU Conference, 2017

HOBBIES:

Reading, Travelling, Writing, learning new things

REFERECE:**Dr. E.E.O. Odjajare**

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