

CURRICULUM VITAE

SECTION A: GENERAL INFORMATION:

1. a. Name: Osondu Christopher Akoma.
b. Date and Place of Birth: 16th December, 1969, Azumini – Ndoki, Abia State.
c. Marital Status: Married, 1 child (12 years).
d. Nationality: Nigerian.
e. Permanent Address: #20 Aba Road, P.O.Box 94 Azumini-Ndoki, Abia State.
f. Current Postal Address: Benson Idahosa University P.M.B.1100 Benin City, Nigeria.
g. Present position/salary per annum: Professor
2. Department into which the applicant is to be appointed: Biological Sciences (Microbiology option).

SECTION B: QUALIFICATIONS :

1. Academic Qualifications :

WASC/GCE O'level (1986)	Ascension Junior Seminary, Asa, Abia State
B.Sc. (Hons), Botany 2 ² (1990)	University of Benin, Benin City, Edo State
M.Sc. Botany (1999)	University of Benin, Benin City, Edo State
Ph.D. Botany (2004)	University of Benin, Benin City, Edo State

2. Teaching and Professional Experience:

Professor October 2017 - date

Department of Biological Sciences (Microbiology option)
Benson Idahosa University, Benin City, Edo State, Nigeria

Associate Professor 2014 – 2017

Department of Biological Sciences (Microbiology option)
Benson Idahosa University, Benin City, Edo State, Nigeria

Research Adviser (Sabbatical) January to December 2015

Environment Department
Shell Petroleum Development Company of Nigeria
Port Harcourt, Rivers State, Nigeria

Senior Lecturer October 2011 to September 2014

Department of Basic Sciences (Microbiology option)
Benson Idahosa University, Benin City, Edo State, Nigeria

Lecturer I October 2009 to September 2011

Department of Basic Sciences (Microbiology option)

Benson Idahosa University, Benin City, Edo State, Nigeria

Assistant Professor October 2006 to September 2008

Department of Biology

Faculty of Education

Bahir Dar University, Ethiopia

Lecturer II 2005 to 2006

Department of Basic Sciences (Microbiology option)

Benson Idahosa University, Benin City, Edo State, Nigeria

b. Period of full time teaching in Benson Idahosa University. Nine (9) years

c. Courses taught.

BOT 111 Introduction to Botany

BOT 121 Plant Form and Function

BOT 211 Lower Plants

BOT 212 Introductory Genetics

BOT 316 Mycology & Fungal Physiology

BCH 419 Bioinformatics

d. Postgraduate Students' Supervision. Nil

3. Conferences Attended:

a. 15th Annual Conference of the Botanical Society of Nigeria, University of Uyo, Akwa Ibom State, 4th – 8th April 2006.

Akoma, O.C. (2006). *Phytoplankton flora of Imo River Estuary, Southeastern Nigeria*. Proceedings of the 15th Annual BOSON Conference. In Akpan, G. and Odoemena, S.I. (eds.). Unwana Press. Uyo. pp20 – 23. **Oral presentation.**

b. 33rd Conference of the Nigerian Society for Plant Protection at Ahmadu Bello University, Zaria, Nigeria, 7th – 11th May 2006.

Akoma, O.C. (2006). *Nutrient Dynamics of the Imo River Estuary, Southeastern Nigeria*. **Oral presentation.**

c. 26th Education Conference of Bahir Dar University, Ethiopia. 25th – 26th May 2008.

Akoma, O.C. (2008). *Preliminary hydrobiological survey of the Bahir Dar gulf of Lake Tana, Ethiopia*. **Oral presentation.**

d. International Conference on Research and Development in Africa. University of Ghana, Legon. 25th – 28th November 2008.

Goraw. G. and Akoma, O.C. (2008). *Physico-chemical properties and water quality assessment of underground and surface waters of Bahir Dar and periurban areas, Ethiopia*. Proceedings of International conference on research and development in

- Africa. In Nekang, F.M. (ed.). Pan African Books. Accra. pp 1 – 8. **Oral presentation.**
- e. 19th Conference of Botanical Society of Nigeria, Umaru Musa Yar'Adua University, Katsina, 26th – 29th July 2010.
Akoma, O.C. and Opute F.I. (2010). Some Interesting Phytoplankton Species from Imo River Estuary Part I Pennate Diatom (Diatomaceae, Eunotiaceae and Naviculaceae). **Oral presentation.**
- f. First African Annual Training/Workshop Course on Algae. University of Benin, 21st – 22nd February 2011
- g. 20th Conference of Botanical Society of Nigeria, Nnamdi Azikiwe University Awka. 6th - 9th June 2011.
Akoma, O.C. and Emiantor, O.M. (2011) Microbial Evaluation and Water Quality Assessment of Four Hand-Dug Wells in Warri, Delta State, Nigeria. **Oral presentation.**
- h. 21st Conference of Botanical Society of Nigeria, Obafemi Awolowo University, Ile-Ife.
Okosisi-Alika, F. and Akoma, O.C. (2012). Checklist of Phytoplankton and Periphyton in River Okhuo, Nigeria. **Oral presentation.**
- i. Bioinformatics Curriculum Development and Research Workshop, University of Ibadan, 22nd to 25th July, 2013.
- j. 2nd African Annual Training Workshop on Algae, University of Benin, 27th – 30th April, 2014
- k. 22nd Annual Conference of Botanical Society of Nigeria, University of Nigeria, Nsukka, 25th – 29th May 2014

4. Publications/Creative Works:

- a. Journal articles already published:
- 1) Akoma, O.C. (2007). Spatial and temporal variations of physico-chemical properties of Imo River estuary, Southeastern Nigeria. *Ethiopian Journal of Science and Technology* 4(2): 37 – 46. **(International: Ethiopia)**
 - 2) Akoma, O.C. (2007). Phytoplankton flora of Imo River Estuary, Southeastern Nigeria. *Nigerian Journal of Botany* 20(2): 317 – 325. **(National: Nigeria)**

- 3) Akoma, O.C. (2008). Phytoplankton and nutrient dynamics of a tropical estuarine system, Imo River estuary, Nigeria. *African Research Review* 2(2): 253 – 264. **(International: Ethiopia)**
- 4) Akoma, O.C. (2008). Nutrient dynamics of Imo River estuary, Southeastern Nigeria. *SINET:Ethiopian Journal of Science* 31(1): 75 – 78. **(International: Ethiopia)**
- 5) Imoobe, T.O.T and Akoma, O.C. (2008). Assessment of zooplankton community structure of the Bahir Dar gulf of Lake Tana, Ethiopia. *Ethiopian Journal of Environmental Studies & Management* 1(2): 26-34. **(International: Ethiopia)**
- 6) Wondie, A. and Akoma, O.C. (2008). Seasonal Variation of Phytoplankton Biomass in Lake Tana Ethiopia. *Tropical Freshwater Biology* 17(2): 21-31. **(Local: Benin City)**
- 7) Goraw, G. and Akoma, O.C. (2008). Physico-chemical properties and water quality assessment of underground and surface waters of bahir Dar and peri-urban areas, Ethiopia. *Proceedings of International Conference on Research and Development in Africa*. In Nekang, F.M. (ed.). Pan African Books. Accra. Pp1-8. **(International: Ghana)**
- 8) Molindo, W.A., Usifo, A.E. and Akoma, O.C. (2009). Physico-chemical analysis of an ultisol polluted with different petroleum products then treated with poultry dropping and later planted with maize in Benin City, Nigeria. *Ethiopian Journal of Environmental Studies & Management* 2(2): 58 – 66. **(International: Ethiopia)**
- 9) Swadesh, P. and Akoma, O.C. (2009). Water scarcity within Kandi Block of West Bengal: A hydroecological assessment. *Ethiopian Journal of Environmental Studies & Management*, 2(3): 1 -11. **(International: Ethiopia)**
- 10) Imoobe, T.O.T and Akoma, O.C. (2009). Spatial variations in the composition and abundance of zooplankton in the Bahir Dar Gulf of Lake Tana, Ethiopia. *African Journal of Ecology* 48: 72 – 77. **(International: Kenya)**
- 11) Akoma, O.C. and Imoobe, T.O.T. (2009). Limnological and phytoplankton survey of the Bahir Dar gulf of Lake Tana, Ethiopia. *African Journal of Science and Technology*, 10(2): 91 – 98. **(International: UNESCO, Nairobi)**
- 12) Akoma, O.C. (2010). Hydrobiological survey of the Bahir Dar gulf of Lake Tana. *African Research Review* 4(2): 57 – 70. **(International: Ethiopia)**

- 13) Akoma, O.C. and Opute F.I. (2010). Phytoplankton Species from Imo River Estuary, Nigeria. Part I: Pennate Diatoms (Diatomaceae, Eunotiaceae and Naviculaceae). *Nigerian Journal of Botany* 23(2): 343 – 354. **(National: Nigeria)**
- 14) Goraw, G. and Akoma. O.C. (2010). Comparative Study of Physical and Chemical Characteristics of surface and subsurface sourced on-farm research ponds, Ethiopia. *Tropical Freshwater Biology* 19(1): 1 – 10. **(Local: Benin City)**
- 15) Goshu, G. and Akoma, O.C. (2011). Water quality assessment of underground and surface water resources of Bahir Dar and periurban areas, North-West Ethiopia. *Global Journal of Environmental Sciences* 10(1&2): 11 – 21. **(National: Nigeria)**
- 16) Ekhatior, O., Akoma, O. C. and Ogie-Odia, E. (2011). A Comparative Limnological and Water Quality Assessment of some Rivers in Benin City and Peri-urban Areas, Edo State, Nigeria. *Global Research Journal of Microbiology* 1(3): 56 – 61. **(National: Nigeria)**
- 17) Akoma, O.C and Opute, F.I. (2011). Phytoplankton species from Imo river estuary, Nigeria II: centric diatoms. *Nigerian Journal of Botany* 24(2): 275 – 288. **(National: Nigeria)**
- 18) *Alika, F.O. and Akoma, O.C. (2012). Preliminary Checklist of Phytoplankton and Periphyton in River Okhuo, Nigeria. *Current Research Journal of Biological Sciences* 4(5): 538-543. **(International: United Kingdom)**
- 19) *Ekhatior, O., Opute, F.I. and Akoma, O.C. (2014). A Checklist of the Phytoplankton Flora of a Southern Nigerian Lotic Ecosystem *Current Research Journal of Biological Sciences* 6(1): 1 – 6. **(International: United Kingdom)**
- 20) *Akoma, O.C., Goshu, G. and Imoobe, T.O.T. (2014). Variations in Zooplankton Diversity and Abundance in Five Research Fish ponds in Amhara Region, Ethiopia. *Ife Journal of Science* 16(1): 81 – 89. **(National: Ile-Ife)**
- 21) Ekhatior, O., Opute, F.I., **Akoma**, O.C. and Mensah, J.K. (2014). Water Quality Assessment of Osse River, Edo State, Nigeria, using Physico-Chemical Parameters. *BIU Journal of Basic and Applied Sciences* 1(1): 88 – 102. **(Local: Benin City)**
- 22) Ozumba, C., **Akoma**, O.C. and Owuamanam, C. (2015). Effective Tree Management and Ecological Sustainability in SPDC Residential Area, Port Harcourt. *Shell World Nigeria* 21(3): 20. **(National: Nigeria)**

- 23) **Akoma, O.C.** and Chris-Iwuru, W.N. (2016) Potential use of Algae *Microcystis aeruginosa* (Chroococaceae) in Bioremediation. *International Journal of Science and Technology (STECH)*, 5(2): 13-23. **(International: Ethiopia)**
- 24) Usunobun U., **Akoma, O.C.** and Ekpemupolo I. S. (2016). *In vitro* antioxidant activity, minerals and phytochemical composition of *Amaranthus hybridus* leaves. *BIU Journal of Basic and Applied Sciences*. 2(1): 13 – 23. **(Local: Benin City)**
- 25) **Akoma, O.C.** and Uhunmwangho, O.S. (2017). Quantitative Estimation of Groundwater and Surface water in Benin City and Environs. *Ethiopian Journal of Environmental Studies and Management*. 10(3): 340 – 350. **(International: Ethiopia)**
- 26) Ajayi, H.I. and **Akoma, O.C.** (2017). Performance and Carcass Characteristics of Broiler Chickens Fed Low Protein Diets Containing Hydrolyzed Meal, with or without Protease Supplementation. . *BIU Journal of Basic and Applied Sciences*, 3(1): 20 – 30. **(Local: Benin City)**
- 27) Ekhaton, O., Akoma, O.C. and Omoruyi, O.A. (2018). Classification using Trophic Status Index and Assessment of Aquatic Ecosystem Health of Three Rivers in Southern Nigeria. In Ogbeibu, A.E. and Arimoro, F.O. (eds.) *Proceedings of the 1st Annual Conference of Freshwater Biological Association of Nigeria, 13th - 16th June 2018*. pp66 – 79. **(Local: Benin City)**

5. a. External Examinership: Nil.

Name	Degree	University	Date
Shahana, Khatun	Ph.D Geography	Univeristy of Gour Banga, Malda, West Bengal, India	2017
Abubakar, Mohammed	M.Tech Biology	Federal University of Technology, Minna, Niger State	2019
Achebe, Augustine Chinyere	M.Tech Biology	Federal University of Technology, Minna, Niger State	2019
Mohammed, Yakubu Manibe	M.Tech Biology	Federal University of Technology, Minna, Niger State	2019

b. Membership of Learned Societies

- i. International Phycological Society (Membership no. 00289590), 2004.
- ii. Botanical Society of Nigeria, 2006.
- iii. Nigerian Society for Plant Protection, 2006.

- iv. African League for Research and Development, 2010.
- v. Phycological Society of Nigeria 2011
- vi. Nigerian Bioinformatics Research and Educational Network (NBREN) 2013.

Honors Award:

- i. Certificate of Service presented by the Directorate of Technical Aid Corps, Ministry of Foreign Affairs for completion of two years Voluntary Service to Ethiopia in the 2006 – 2008 biennium, 2010.
- ii. Nigeria Legend of Courage Award, 2014 Edition. Award presented Our Majesty Global Publication, Abuja. In recognition and appreciation of immense contribution towards national development.

SECTION C: ADMINISTRATIVE EXPERIENCE:

1. Post Held and Date:

- a) Dean, Faculty of Science, Benson Idahosa University, March 2017 to date
- b) Director ICT, Benson Idahosa University, July 2018 to date
- c) Ag. H.O.D., Department of Basic Sciences. November 2016 to August 2017
- d) Director Academic Planning, January 2012 to December 2015
- e) Assistant Coordinator, General Studies Unit. May 2011 to January 2012
- f) Chief Examination and Result Officer FBAS, July 2010 to March 2012

2. Service on University Committees

- a) Chairman University Webometric Committee 2019 to date
- b) Chairman Risk Management Committee 2019 to date
- c) Chairman University Timetable/Schedule Committee, November 2011 to 2014
- d) Chairman University Predegree Committee, October 2014 to December 2014

- e) Member Campus Beautification Committee, April 2009 to March 2011
- f) Member University Admissions Board, January 2012 to 2014
- g) Member University Reaccreditation Committee, January 2012 to 2014
- h) Member University Programs/Curriculum Review Committee, February 2012
- i) Member Committee on NUC Post Matriculation Monitoring Visit, July 2012
- j) Member University Programmes Rationalization Committee, September 2012
- k) Member Steering Committee on Lecture Time Adjustment, November 2012
- l) Member Standing Committee to Assess Suitability of Affiliate Institutions, May 2013
- m) Member Committee on Five Years Academic Calendar, June 2013
- n) Member Committee on Academic Performance Enhancement, August 2013
- o) Member University Part-time Committee, September 2013
- p) Member Research Development & Institutional Advancement Committee, January 2014
- q) Member Ad hoc Committee on BIU/ANFCBII Partnership, March 2014
- r) Member Special Committee on Academic Brief, June 2014

3. Service on Departmental Committees

- i. Chairman Project Committee, Department of Basic Sciences. October 2009 to December 2011
- ii. Course Adviser Biochemistry October 2009 to 2012
- iii. Member Committee on Harmonization of Programmes in Biology, August 2014

Hobbies: Swimming, reading and listening to soul edifying music.

Referees:

Prof. F.O.J. Oboh

Department of Biological Sciences (Biochemistry Unit)

Benson Idahosa University, Benin.

Prof. (Mrs.) C.L. Igeleke

Department of Biological Sciences (Microbiology Unit)

Benson Idahosa University, Benin.

Prof. (Mrs.) M.O. Kadiri

Department of Plant Biology and Biotechnology

University of Benin, Benin City

Signed



Osondu C. Akoma. Ph.D