

AFE BABALOLA UNIVERSITY, ADO-EKITI (ABUAD)

COLLEGE OF PHARMACY HEADS OF DEPARTMENT PROFILE

PROF. MBANG NYONG FEMI-OYEWO, MFR



Professor (Mrs) Mbang Nyong Femo-Oyewo, MFR (B. Pharm, Pharm. D, M. Phil., Ph. D, FPSN, FPCPharm, FNAPharm, FIMC, CMC) - The former Deputy Vice Chancellor, Olabisi Onabanjo University (OOU) and member of the Federal Republic of Nigeria (MFR) is a registered Pharmacist, a Professor of Pharmaceutics and Pharmaceutical Technology. Pioneer Dean/Dean, Faculty of Pharmacy, OOU (1996-2006/2012-2017) and a past Dean Faculty of Pharmacy, University of Calabar. Former member, Ogun State University (OSU) and Olabisi Onabanjo University (OOU) Governing Councils (1997-1999/ 2010-2012). Member, Management Board of Olabisi

Onabanjo University Teaching Hospital (OOUTH, 2004-2007/2014-2017), Director of Academic Planning (OOU, 2009-2010), Acting Provost, Post-Graduate School (OOU, 2010) and Chairman Committee of Provosts and Deans (2010-2012).

In *Professional and Regulatory Bodies*, she has served as *Secretary-General, West African Postgraduate College of Pharmacists, WAPCP*, (2003-2007), Chairman Joint Faculty Board, JFB (2011-2017), Chief Examiner and Chairperson Board of Examiners of the College (2017-2021) and WAPCP Council Member (2003-2007, 2011-2021) at the international level, while at the national level as *Pharmaceutical Society of Nigeria (PSN) Council Member* (2000-2006, 2012-2017, 2018-2021), Chairperson Nigeria Association of Academic Pharmacists, NAAP (2000-2003), Treasurer/Secretary Board of Fellows, PSN (2006-2009/2009-2012) and Immediate Past Chairman Board of Fellows, PSN (2018-2021): In *Pharmacists Council of Nigeria (PCN)*, as Council Member (2000-2006, 2012-2016), Chairperson - Deans Committee, Accreditation Exercises etc, and also in National Universities Commission (NUC) Accreditation exercises and the Institutional Accreditation.

Professor Femi-Oyewo is currently the **Provost College of Pharmacy, Afe Babalola University, Ado-Ekiti (ABUAD)**, *the Head of Department of Social and Administrative Pharmacy (ABUAD)* and the Chairman NUC Pharmacy and Pharmaceutical Sciences Curriculum Review Committee for the CCMAS and Editor of the CCMAS Book Project.

An astute scholar and a distinguished academic, she is an Amazon and Icon in Pharmacy profession, a renowned Pharmacist and pharmacy researcher, educationist and Pharmaceutical/health consultant. This elegant Amazon who started her academic career in the University of Ife (now Obafemi Awolowo University) in 1978 and appointed a Professor of Pharmaceutics and Pharmaceutical Technology in Ogun State University (now Olabisi Onabanjo University) in 1996, had worked in many universities establishing new Faculties of Pharmacy. She is an Assessor for professorial cadre in Pharmaceutics and Pharmaceutical Technology for many universities and External Examiner for both undergraduate and postgraduate degrees and has served as member of Editorial Advisory Board/Consultant Editor/Reviewer of some journals. She has also contributed

immensely to National development and training of thousands of pharmacists for pharmaceutical manpower.

She is a product of Queens College Lagos and an Alumnus of University of Ife (B. Pharm., M. Phil.), University of Benin (Doctor of Pharmacy) and University of Manchester (Ph. D) with Certificates from International Atomic Energy Agency (IAEA) and Australia Atomic Energy Agency (Sydney & Perth) in Radiopharmacy, and University of Washington in Leadership and Management in Health. A Recipient of many grants, Awards including a National Award of **Member of the Federal Republic (MFR)**, Scholarships- Rotary Foundation Award of Rotary International for Outstanding Professional and Business Women, Ohio State, USA (1987), International Atomic Energy Agency Fellowship, Sydney and Perth for Radiopharmacy (1988). Association of Commonwealth Universities Fellowship Award to UK (Manchester) (1992), International Network on Rational Use of Drugs (INRUD) and MHS Award on Promoting Rational Drug Use, Kampala Uganda (1996), *May & Baker Award of Excellence*, (2013), Tertiary Education Trust Fund (TETFUND), (conference, research / book, 2015, 2017) and Fellowships - **Fellow**- Pharmaceutical Society of Nigeria (FPSN), West African Postgraduate College of Pharmacists (FPCPharm), Nigeria Academy of Pharmacy (FNAPharm) and Institute of Management Consultants (FIMC).

With extensive experience in teaching, research and development in pharmaceutical sector, educational administration and community service, she is published extensively in pharmaceutical technology, drug development and delivery, ethno-medicine, public health and social pharmacy. A manager of men, materials and resources, an innovative and energetic team player, transformational leader and mentor, capacity and relationship builder and a highly effective communicator, she is a woman of integrity, result oriented and a child of God.

Prof Mbang Femi-Oyewo, MFR who believes that *'Teaching is a calling'*, is an Icon of reckoning, a moulder and builder of achievers. She is an embodiment of pharmaceutical excellence, dispenser of knowledge with an aura of inspiration, and unwavering commitment and dedication to nation building. A member of the Trinity Group which established -The Trinity University (TU), Yaba, Lagos, Trinity International College (TRICOL), Ofada and Trinity Foundation School, Ofada, Ogun State. Member TRICOL Management Board, TU Council and Board of Trustees and a Director of Edward Consulting which is into educational services.

Prof Mbang Femi-Oyewo is an ordained Pastor of Redeemed Christian Church of God with passion for the teaching ministry, youths, teenagers and missions and a member of the Living By God's Design (LBD) Nation. She is blessed with wonderful children and grandsons.

ABUAD Email: femioyewomn@abuad.edu.ng

Alternate Email: mnfemioyewo@gmail.com

Mobile number: +234-8033240312

PROF. NOEL NEN'MAN-NDALBEH WANNANG



Born on 25th December, 1968; Noel grew up in Vel, Pankshin, Plateau state. He obtained a Bachelor of Pharmacy degree- University of Jos; M.Sc (Pharmacology)- Uthmanu Danfodiyo University, Sokoto; Ph.D (Pharmacology and Clinical Pharmacy)- Ahmadu Bello University, Zaria. He has an M.Sc (Biochemistry)- Bayero University, Kano. Fellow in Clinical Pharmacy from West African Postgraduate College of Pharmacists (WAPCP). He holds LLB, BL degrees in law and Certificate in Leadership from University of Washington, and a postgraduate diploma in Education from NTI, Nigeria. He is a Fellow of West African Society of Pharmacology (FWASP), Fellow of Nigerian Academy of Pharmacy (FNAPharm), Fellow, Pharmaceutical Society of Nigeria (FPSN), Fellow, Chartered Institute of Capital Human Development (Fhcd).

NN Wannang is a recipient of several international and national awards, with over 100 published papers and a visiting Professor/examiner to many Universities, he is the lead Researcher, Plateau State Research Team on Covid 19, a feat that produced 4 patents in the treatment of Covid-19. One time HoD, Deputy Dean, Director of General Studies and Lead researcher in Toxicology and Clinical Pharmacy-Unijos; National Vice Chairman and Press Editor of NAPA; Secretary General (West African Postgraduate College of Pharmacists- WAPCP) and now Chairman- Faculty of Clinical Pharmacy and Council member of WAPCP, West African Health Organization (WAHO) Rapporteur and Education Council member, Prof Wannang is a member of many PSN and PCN Committees, international organisations eg National Committee on the Research and Application of Stem Cell Transplantation Technology in Nigeria; Olusegun Obasanjo Presidential Library; Therapeutic Use Exemption Committee; National Environmental Standards and Regulation Enforcement Agency (NESREA) Green Corps.

A man of diverse interests, NN Wannang is a Barrister and solicitor of the Supreme Court of Nigeria, a devout Catholic, a Knight of St Mulumba, he is happily married to Vivian Nkeiruka and they are blessed with three children.

He is a member of the WAHO team that drafted the PharmD curriculum for all West African countries, and currently working on MSc and PhD curriculum in Pharmacology, Toxicology and Clinical Pharmacy for some Universities in West Africa. He is the current **Head of Department of Clinical Pharmacy and Public Health, Afe Babalola University Ado-Ekiti**, and can be contacted on +234 8037877988 and nnwannang1@yahoo.com; wannangn@unijos.edu.ng.

PROF. OLAPOSI OMOTUYI (B.Sc., M.Sc. Ph.D., Ph.D.)



Olaposi Idowu Omotuyi is a Professor of Pharmacology and Therapeutics at the College of Pharmacy, Afe Babalola University, Ado-Ekiti (ABUAD), and the Director at the Institute for Drug Research and Development, S.E. Bogoro Center, ABUAD.

Olaposi Omotuyi envisions a healthier Africa population through cutting-edge Pharmaceutical Research and Innovation. Through this drive, he has completed several ground-breaking discoveries in herbal therapeutic Research and Product development. Some of the products he has researched include: Tradomal for malaria treatment, Virucidine for the treatment of COVID-19, and NZBT for the treatment of Lassa Virus disease. His research on (1) four-times per year treatment course for Sickle cell anemia, (2) a dual-herb combination for the treatment of late-stage breast cancer and (3) mono-herbal therapy for prostate hyperplasia are currently in advanced stages.

To accomplish all the above, He first bagged a B.Sc. (Biochemistry) from the University of Ilorin, he then bagged a M.Sc. and a Ph.D. in Biochemistry from the University of Benin, Nigeria. He later won the highly competitive Japanese government Ministry of Education, Culture, Sports, Science and Technology (MEXT) scholarship to study for his second Ph.D. In Pharmaceutical Science with drug discovery and development bias from Nagasaki University, Japan. He has also attended drug discovery course in The Wellcome Genome Campus, Hinxton in Cambridgeshire, England. He has worked in 5 Universities within and Outside Nigeria, notably at the Nagasaki University, Therapeutic Innovation Center (NuThiC), Japan.

Olaposi Omotuyi is a prolific writer with more than 100 research articles in peer-reviewed journals. He has won many grants including the Babalola University Research Foundation (ARF), TEFUND research grant, and the Nigerian Innovative Research Management Structures (NiReMaS) COVID-19 Idea challenge grant. NiReMaS is supported by the “Dialogue on Innovative Higher Education Strategies” (DIES) programme which is jointly coordinated by DAAD and the ‘German Rectors’ Conference (HRK) and funded by the German Federal Ministry for Economic Cooperation and Development (BMZ).

Olaposi Omotuyi is currently a Horizon Europe Nigerian National Contact Point for Drug discovery and development and a member of the Advisory Board of Innovate UK Knowledge Transfer Network (KTN).

Head of Department of Pharmacology and Toxicology, Afe Babalola University Ado-Ekiti, and can be contacted on +234 70943256 and olamiposi.omotuyi@abuad.edu.ng.

DR. ABIOLA OLUWATOSIN OBISESAN



Abiola O. Obisesan is an intense pharmaceutical microbiologist who is dedicated to finding solutions to antimicrobial resistance through strengthening and promoting natural antimicrobial metabolites as a way to improve alternative medicines in Africa. Consequently, her research has focused on the discovery of therapeutic uses of probiotics from different sources as a way to combat antimicrobial resistance and brain degeneration diseases. Her research also focused on using molecular bacteriological techniques to understand the health benefits of lactic acid bacteria, gut microbiota, African fermented foods, and the antimicrobial resistance of enteric bacteria. She has studied the lactic acid bacteria from breast milk and faeces, and how these strains are used to prevent diarrhoeagenic *E. coli*, Alzheimer's disease, inflammatory bowel diseases, and diabetes. She has also described how these strains colonize the gut and their use as probiotics.

Abiola O. Obisesan started her educational journey at Olabisi Onabanjo University, Ago-Iwoye, Ogun State, where she obtained a B.Sc. degree in microbiology, M.Sc., and Ph.D. degrees in pharmaceutical microbiology from the University of Ibadan, Oyo State, Nigeria. She is professionally certified in Molecular Biological Techniques and Basic Bioinformatics from the International Institute of Tropical Agriculture (IITA). She took an Advanced Course in Bacteria Genomes: Disease Outbreak and Antimicrobial Resistance, at the Royal College of Pathologists, United Kingdom (RCPATH) to update her knowledge in the subject area. She is a member of different professional organizations, which include the Royal Society of Biology, the International Scientific Association of Probiotics and Prebiotics, the Organization for Women in Science for the Developing World, the American Society for Microbiology (ASM), Applied Microbiology International (AMI), and the African Society for Laboratory Medicine (ASLM).

Obisesan O. Abiola has authored and co-authored several research articles in reputable and credible peer reviewed journals. She is a researcher par excellence, a mentor to upcoming researchers, and a builder of nations. She is married to Pastor Olusesan Obisesan, and the marriage is blessed with two children.

PROF. JOSEPH ADETUNJI ALADESANMI



Joseph Adetunji Aladesanmi is a Professor of Pharmacognosy and Natural Products Chemistry at the College of Pharmacy, Afe Babalola University, Ado-Ekiti, and Head of Department of Pharmacognosy and Natural Products.

Adetunji Aladesanmi view of a healthier Africa especially Nigeria population, through his research activities involving biological activity-directed phytochemistry, which is subdivided into Phytochemical analysis, Anti-infective agents, Cardiovascular agents, Molluscicidal agents, Antimalarial, Anti-diabetic, Geriatric/Alzheimer/Dementia ageing, Trypanocidal and Anticancer Drug research and development. The major thrust of these works is the isolation and characterization of biologically and pharmacologically active compounds from medicinal plants for preclinical drug research and development, which has culminated in several reputable journal publications. He is currently the leading Antimalarial and Anticancer Medicinal Plants Research Group of his Department. One of his grants has culminated into a new Anticancer Patent against four cancer cell lines in 2016. He is also a recipient of a TETFUND grant which provided a new Antimalarial drug to date. In his phytochemical pursuit to-date, Adetunji Aladesanmi has investigated 57 medicinal plants from which a total of 167 compounds (alkaloids, terpenes, flavonoids, coumarins, glycosides and phenolic acids) have been isolated, 34 are new compounds, while 7 are novel bioactive natural products. He is a founding member of the ABUAD College of Pharmacy involved in the development of a herbal drug Virucidine against COVID-19. He is currently co-supervising a Ph.D. candidate on anticancer research at ABUAD. He is a fellow of Nigerian Society of Pharmacognosy and African Academics Network. Professor Aladesanmi had worked in several Nigerian Universities and International institutions before ABUAD, including Obafemi Awolowo University, Ile-Ife, Olabisi Onabanjo University, Ago-Iwoye, Ogun State, Wesley University of Science and Technology, Ondo, Massachusetts College of Pharmacy, Boston, U.S.A., University of Arizona, Tuscon, U.S.A., Tufts University, Boston, U.S.A.

Adetunji Aladesanmi is married and blessed with children and grandchildren.

Department of Pharmacognosy and Natural Products

College of Pharmacy, Afe Babalola University,

Ado-Ekiti, Ekiti State, Nigeria.

aladesanmijoseph@abuad.edu.ng

PROF. OLUJIDE O. OLUBIYI



Prof. Olujide O. Olubiya, the Head of Department, studied Pharmacy at the Faculty of Pharmacy, Obafemi Awolowo University, Ile-Ife where he received a Bachelor of Pharmacy (Distinction grade). After this he proceeded to the Obafemi Awolowo University Teaching Hospitals Complex (OAUTHC) where he interned as a pharmacist after which he proceeded to the Federal Medical Centre, Katsina where he worked as a National Youth Corps pharmacist. Thereafter, sponsored by the Commonwealth-DfID Scholarship, he proceeded to the School of Pharmacy, University of London (now School of Pharmacy, University of London) in the United Kingdom where he received a Master in Drug Discovery (Distinction grade) from the Department of Pharmaceutical and Biological Chemistry. After his education at the University of London he was received a guest researcher invitation to the Institute of Structural

Biochemistry, Forschungszentrum Jülich, Germany. He would later undertake his doctoral training in Germany fully sponsored by the German Research School for Simulation Sciences (GRS) for a PhD research work in the field of Alzheimer's disease drug discovery using computer-aided drug design: the degree was awarded by the RWTH Aachen, Germany. He has worked as researcher and lecturer in multiple departments and institutions both in Germany and in Nigeria, including Institute of Complex Systems-6, Forschungszentrum Julich, Germany; Department of Pharmacology and Therapeutics, College of Medicine and Health Sciences, Afe Babalola University Ado-Ekiti; Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Obafemi Awolowo University, Ile-Ife Nigeria; and the Institute of Biological Information Processing-7, Forschungszentrum Julich, Germany. His research work has been presented at several conferences in different countries including Nigeria, Germany, Scotland, France, Sweden, United States of America. His research interests cover the deployment of computational and experimental techniques for the discovery of lead compounds that can be developed into drugs for the treatment of diseases such as sickle cell disease, Alzheimer's disease, malaria, COVID-19, and so on. He is also involved in research investigations into the structural dynamics underlying biological events involving macromolecules like proteins, nucleic acids, and supramolecular complexes like aggregans. He has worked on multiple research projects and has collaboratively won multiple research grants. He is a co-founder of Drug Discovery Africa, a research-based initiative founded in 2017 to drive drug discovery research on the continent. He has authored multiple research articles in the areas of drug discovery, received patents for innovative discoveries, and contributed his research expertise in product development in particular in the development of the Vive family of health drinks. He is happily married to Dr. (Barr.) Ifeoluwa Olubiya and their marriage is blessed with children.

His research publications can be assessed on the following websites:

- <https://scholar.google.com/citations?user=2shfM9UAAAJ&hl=en>
- <https://orcid.org/0000-0002-9412-6776>
- <https://www.researchgate.net/profile/Olujide-Olubiya>

The Department of Pharmaceutical and Medicinal Chemistry: The Department of Pharmaceutical and Medicinal Chemistry is located within the College of Pharmacy, Afe Babalola University Ado-Ekiti and its main function is to train students on critical components of pharmacist's training including pharmaceutical analysis, organic synthesis, natural products chemistry, computational chemistry, and drug discovery. Facilities including personnel available at the Department allows the teaching of both conventional topics and modern state of the art techniques including computer-aided drug design among others. The Department of Pharmaceutical and Medicinal Chemistry is headed by **Professor Olujide O. Olubiyi**, a pharmacist by profession with postgraduate training in drug discovery and computer-aided drug design. The Department is blessed with vibrant academic and technical staff members who work together to assure a sound training outcome for the students. The members of staff at the Department include **Dr. AyoOluwa Olubamiwa** (Nee-Aderibigbe), **Dr. Oluwole Akawa**, **Dr. Wande Oluyemi**, **Dr. Uchenna Okeke**, **Mr. Ibrahim Kehinde**, **Mr. Emmanuel Jolayemi** and **Ms. Bukola Ayorinde**.

CLIFFORD AMARA ORAKWE (B. PHARM, M. PHIL.)



Clifford Amara Orakwe is a Pharmacist and a Lecturer at the Department of Pharmaceutics and Pharmaceutical Technology, College of Pharmacy, Afe Babalola University, Ado-Ekiti (ABUAD).

He envisions a versatile, highly functional and affordable healthcare system for all through succinct and innovative pharmaceutical research. Through this drive, he has completed several research works including the in-vitro analysis of floating tablets of metrinidazole using *Brachystegia eurycoma* gum and physico-chemical evaluation of brands

of Amlodipind Besylate in southern Nigeria.

To accomplish this, he first earned a Bachelor of Pharmacy degree from the University of Nigeria, Nsukka and later bagged a M. Phil in Pharmaceutics and Pharmaceutical Technology from the University of Benin, Nigeria. He is currently pursuing his Ph.D. at the University of Benin, Nigeria. He has attended the Fundamentals of Scientific Teaching and Pedagogy course amongst other conferences and seminars. He has worked in two universities within Nigeria.

Clifford Orakwe has published research articles in peer-reviewed journals. He is currently a priest of the Church of Nigeria (Anglican Communion). He is married to Mrs. Precious Amarachukwu and the marriage is blessed with a beautiful girl.