

CURRICULUM VITAE of Professor A. A. GBOLADE *BPharm, PhD, FRSC, PGDTh*

- i) **FULL NAME** **GBOLADE**, Adebayo Anthony
(**Professor**, 17th November, **2005**)
- ii) **PLACE OF BIRTH AND STATE OF ORIGIN** Ijebu Ode, Ogun
- iii) **SEX** Male
- iv) **NATIONALITY** Nigerian
- v) **PERMANENT HOME ADDRESS** 18, Funmilayo Street, Ikosi-Ketu, Lagos
- vi) **CURRENT POSTAL ADDRESS** Professor A. A. Gbolade
Department of Pharmacognosy
College of Pharmacy
Igbinedion University Okada
Edo State
- vii) **CELL PHONE NUMBER** +234 (0) 803-470-9137
- viii) **EMAIL ADDRESS** adegbolade@yahoo.com
- ix) **MARITAL STATUS** Married
- x) **INSTITUTIONS ATTENDED (WITH DATES)**
- | | |
|--|------------------------|
| University of Manchester, United Kingdom | Oct. 1986 - Oct. 1989 |
| University of Ife, Nigeria | Sept. 1982 - June 1984 |
| University of Ife, Nigeria | Sept. 1980 - June 1981 |
| University of Ife, Nigeria | Sept. 1976 - June 1980 |
- xi) **ACADEMIC QUALIFICATIONS (WITH DATES)**
- | | |
|--|----------------|
| i. Doctor of Philosophy (Pharmacognosy) (Manchester, UK) | December. 1989 |
| ii Master of Philosophy (Pharmacognosy) | November, 1984 |
| iii Bachelor of Pharmacy (Hons.) 2nd Class Upper | June, 1980 |
| iv West African School Certificate | June 1973 |
- xii) **PROFESSIONAL QUALIFICATIONS (WITH DATES)**
- | | |
|----------------------------------|------|
| Registered Pharmacist in Nigeria | 1981 |
|----------------------------------|------|
- xiii. **SCHOLARSHIP AND PRIZES**
- a) Ph.D - Fellowship from the Commission of European Communities to University of Manchester, **UK**, 1986 -1989.
- xiv) **TRAINING PROGRAMME ATTENDED (training/college, courses with courses taken)**
UNDP/ OPS Fellowship in Medicinal Plant Processing, Jinan Medicinal Purchasing and Supply Station, Shandong Province, Jinan, **China**. Nov. 1994/ Jan. 1995.
- xv) **HONOURS, DISTINCTION AND MEMBERSHIP OF LEARNED PROFESSIONAL SOCIETIES**
- a) **External examiner's responsibilities**
- 1) Undergraduate pharmacognosy
- | | |
|--------------------------------------|-------------|
| • <i>University of Nigeria</i> | 2014 - 2015 |
| • <i>University of Port Harcourt</i> | 2012- 2014 |
| • <i>University of Uyo</i> | 2010 - 2013 |
| • <i>University of Lagos</i> | 2001 – 2006 |
| • <i>University of Ibadan</i> | 1996 – 1998 |
- 2) Postgraduate programme (**09 PhD, 11 MSc/ MPharm**)
- (a) *University of Nigeria, Nsukka*
- (i) ONE **PhD thesis** in Department of Pharmacognosy (2015)
- OSUALA Felix N
- (i) FIVE **MPharm theses** in Department of Pharmacognosy (2014-2015)

- INYA-AGHA Emmanuel U
- ONYEBULAM Michael C
- UGWU Patience N
- DIOVU
- Edith O
- OBI Patrick Ebele

(b) **University of Lagos**

(i) **TWO PhD theses** in Department of Pharmacognosy

- ODIMEGWU, Joy Ifunanya, (2013)
- SOFIDIYA, Margaret Oluwatoyin, (2008)

(ii) **SIX MSc theses** at Department of Pharmacognosy (2009 - 2011)

- NWAMU, Mary Ifeanyi (Miss)
- ADENIJI, Adebayo Omolara (Miss)
- OSEGBO, Onuora Michael
- FATUSIN, Christianah Kemi (Miss)
- SOPEYIN, Oluwadamilola Aminat (Miss)
- OKPAKO, Eseoghene (Miss)

(c) **University of Ibadan**

(i) **ONE PhD thesis** in Department of Chemistry

- ABOABA, Sherifat Adeyinka (Mrs.), 2008

(ii) **FOUR PhD theses** in Department of Pharmacognosy

- FADARE, Dorcas A (Mrs.), 2017
- OLUBOMEHIN, Oseyemi O (Mrs), 2014
- OGBOLE, Omonike O (Mrs), 2011
- SAMA, Woquan (Miss), 2010

(d) **University of Benin**

(i) **ONE PhD thesis** in Department of Pharmacognosy

- ABERE, Tavs Atavwoda, 2009

b) Internal examiner's responsibilities

(1) **At University of Benin** (Dept. of Pharmacognosy, Faculty of Pharmacy)

- i) M.Phil thesis (Ofeimun JO): February 2014
- ii) M.Sc thesis, (Ikpefan EO): June 2011

(2) **At Olabisi Onabanjo University**

- i) PhD thesis, (Aremu, OA): September 2010, Dept of Pharmaceutics/ Pharmaceutical Technology, Faculty of Pharmacy
- ii) PhD thesis, (Ajani, Emmanuel O): September 2010, Dept of Biochemistry, Faculty of Basic Medical Sciences.
- iii) PhD thesis, (Agu, GC. Mrs): May 2010, Dept of Microbiology, Faculty of Science

(3) **At Obafemi Awolowo University** (MSc)

- i) Faculty of Science, 2003 – 2004
- ii) Faculty of Pharmacy, 1994 - 2005

c) Prima facie qualification assessments (13 cases)

1) **Internal PFQ**

- (a) University of Lagos, Professorship assessment in Pharmacognosy, Faculty of Pharmacy- 2017
- (b) University of Nigeria, Nsukka, Associate Professorship assessment in Pharmacognosy, Faculty of Pharmacy- 2009
- (c) Olabisi Onabanjo University, Ago-Iwoye, Associate Professorship assessment in Pharmaceutical Chemistry, Faculty of Pharmacy- 2007

2) **External PFQ**

- (a) Addis Ababa University (**Ethiopia**), Professorship assessment of Dr. Hymete A. S. in Pharmacognosy, School of Pharmacy- 2015
- (b) University of Lagos, i) Associate Professorship assessment in Pharmacognosy, Faculty of Pharmacy-2013 (**two candidates**)
 - ii) Professorship assessment in Pharmacognosy, 2010
 - iii) Professorship assessment in Pharmacognosy 2017
- (c) Ahmadu Bello University, Zaria,
 - (i) Readership assessment in Pharmacognosy, Faculty of Pharmacy- 2013
 - (ii) Professorship assessment in Pharmacognosy, Faculty of Pharmacy- 2011
- (d) National Institute for Pharmaceutical Research and Development (NIPRD), Associate Professorship assessment, 2007 and 2009 (**two cases**)
- (e) University of Ibadan, Professorship assessment in Pharmacognosy, Faculty of Pharmacy- 2008

d) **Research Grants (05)**

- i) Obafemi Awolowo University (OAU), Nigeria, Research Grant on “Influence of an herbal antimalarial remedy on chloroquine disposition on rats” PROJECT 11-813-AWZ (**2006**)
- ii) Ministry of Science and Development Protection of **Serbia** for the financial support (Grant No. 143049) partly on “Composition of essential oils of *Mangifera indica*, *Aspilia africana*, *Centratherum punctatum* grown in Nigeria”, in collaboration with Ana Simić, Mihailo Ristić and Petar D. Marin, University of Belgrade, Serbia, **2006**.
- iii) Consiglio Nazionale delle Ricerche (C.N.R., **Rome, Italy**) for financial support partly on “Comparative analysis of chemical constituents of the essential oils from two Asteraceous plants found in Nigeria”, in collaboration with Giuseppe Ruberto and Daniela M. Biondi, Istituto del C.N.R. di Chimica Biomolecolare, Rome, Italy, **2006**.
- iv) OAU, Nigeria, Research Grant on "Isolation and Characterization of antimicrobial and smooth muscle contracting constituents of *Eugenia uniflora*", PROJECT 11813 (**1990**)
- v) OAU, Nigeria, Research Grant on “Steroidal sapogenin content of *Agave* species cultivated in Nigeria”, GRANT No. 1427BD (**1984**)

e) **Travel Awards/ Distinctions (08)**

- i) Olabisi Onabanjo University Travel Fellowship to IV World Congress on Medicinal and Aromatic Plants, Cape Town, **South Africa**, 9 – 14 November, **2008**
- ii) Olabisi Onabanjo University Travel Fellowship to KISC/ Gibex-Africa Workshop on “Developing Novel Strategies for Natural Product-Based Drug Discovery for Tropical Diseases”, Cape Town, **South Africa**, 3 – 6 November, **2008**.
- iii) West African Health Organization (WAHO) Travel Fellowship to the sub-regional meeting on “the status of pharmacists in the ECOWAS space”, Abidjan, **Cote d’Ivoire**, 15 - 17 October, **2007**.
- iv) Olabisi Onabanjo University Travel Fellowship to Nigerian Association of Pharmacists and Pharmaceutical Scientists in the Americas (NAPPSA) Scientific Conference and Exhibition/ Deans’ Workshop, “Harnessing Nigeria’s Pharmaceutical Resources for the next Frontier”, Sheraton Hotels, Atlanta, Georgia, **USA**, September 18- 21, **2008**
- v) UNDP/ University of West Indies, Kingston, **Jamaica** Travel Fellowship to attend an International Symposium /Workshop on Utilization of Natural Products in Developing Countries: Trends and Needs, 9 -29 July, **2000**.
- vi) UNDP/ OPS Fellowship in Medicinal Plant Processing, Jinan Medicinal Purchasing and Supply Station, Shandong Province, Jinan, **China**. Nov. 1994 / Jan. **1995**.
- vii) Ph.D - Fellowship from the Commission of European Communities, **Manchester 1986 - 1989**.
- viii) University of Ife, Nigeria Travel Fellowship to the 2nd Symposium on the Analysis of Steroids Szeged, **Hungary**, 12-14 June, **1984**.

(f) **Membership/ Fellowship of Learned Societies**

- i Royal Society of Chemistry (**FRSC**)
- ii Pharmaceutical Society of Nigeria (**MPSN**)
- iii Nigerian Society of Pharmacognosy

- iv Nigerian Association of Pharmacists in Academia
- v Research Initiative for Traditional Anti-malarial Methods (RITAM), UK Chapter
- vi International Society for the Development of Natural Products (ISDNP), Jamaican chapter
- vii Western African Network of Natural Products Research Scientists (WANNPRES)

xvi) **WORKING EXPERIENCE**

- i) Professor in Pharmacognosy, *Igbinedion University, Okada*, Nigeria, (B.Pharm level), 2015 - date
- ii) Visiting Professor in Pharmacognosy, *University of Benin*, Nigeria, (PharmD, MSc & PhD levels), 2011 -2015
- iii) Adjunct Professorship, *Nnamdi Azikiwe University*, Awka, Anambra State (B.Pharm level), 2012–2013
- iii) Adjunct Professorship, *Igbinedion University*, Okada, Edo State, (B Pharm level), 2011 –2015
- iv) **Professorship career** at *Olabisi Onabanjo University*, Ago-Iwoye, (B. Pharm & M. Sc. Levels), 2005 – 2011
- v) **Lectureship career** at *Obafemi Awolowo University*, Ile-Ife: Graduate Assistantship- Senior Lectureship, (B. Pharm & M. Sc. Levels), 1980 – 2005
- vi) Visiting Senior Lecturer, *University of Uyo*, Akwa Ibom State (B. Pharm. level), Feb. 2004- Jan. 2005
- vii) Associate Lecturer in Pharmacognosy, *University of Lagos*, Nigeria, (B. Pharm. level), 1994 -1995.
- viii) Associate Senior Lecturer in Pharmacognosy, *University of Benin*, Nigeria, (B. Pharm & M. Sc. Levels), 1993 -1996.

xvii) **RESEARCH INTERESTS**

a) **completed** (as contained in list of publications)

1. Ethnobotanical surveys of Edo, Lagos and Ogun states
2. Developing Essential oil database for medicinal plants
3. Investigation of plant tissue cultures for production of volatile medicinal constituents
4. Insecticidal activities of medicinal plants
5. Survey of aromatic plants of economic importance in Nigeria
6. Evaluation of the quality of Nigerian chillies for pharmaceutical formulations
7. Ethnopharmacology of some medicinal plants

b) **in progress**

1. Medicinal plants in use in Edo State in Nigeria
2. Performance characteristics of herbaria in some Nigerian universities
3. Cytotoxic and anti-proliferative activity of medicinal plants
4. Anti-snake venom activity of medicinal plants

xviii) **LIST OF PUBLICATIONS [68: book chapters 03, journal articles 63, proceedings 02]**

Theses

- i) *Ph.D* Thesis: "Phytochemical Investigation of Flavour Components in Plant Tissue Culture", Dec. 1989
- ii) *M. Phil.* Thesis: "Studies on the Steroidal Sapogenin Contents of some Nigerian *Agave* Species" Nov. 1984

Book chapters (3 papers)

- 1..Gbolade AA (2004). An overview of plants used for malaria vector control. In: Traditional Medicinal Plants and Malaria (M L Willcox, G Bodeker, and P Rosoanaivo eds), chapter 24, CRC Press, Boca Raton, FL, USA, pp. 375-388. USA
2. Adebayo Gbolade, Nzira Lukwa, Dibungi Kalenda, Christophe Boete and Bart Knols (2004). Guidelines for studies on plant-based vector control agents. In: Traditional Medicinal Plants and Malaria (ML Willcox, G Bodeker, and P Rosoanaivo eds), chapter 25, CRC Press, Boca Raton, FL, USA, pp. 389-408. USA
3. Gbolade AA. and Lockwood GB. (1999) *Petroselinum crispum* (Mill) Nyman (Parsley): In Vitro Culture, Production and Metabolism of Volatile Constituents. In: Biotechnology in Agriculture and Forestry. Vol. 43 (ed. Y.P.S. Bajaj). Springer-Verlag. Berlin, pp. 324-336. GERMANY

Refereed Conference Proceedings (2 papers)

4. Gbolade AA (2000). "The medicinal and pesticidal potential of Nigerian Plants" In: Proceedings of

First International Symposium on Utilization of Natural Products in Developing Countries: Trends and Needs. (Ed. A Mansingh, RE Young, T Yee, R Delgoda, DE Robinson, E Morrison and H Lowe), The Natural Products Institute, The University of the West Indies, Mona, Kingston, Jamaica, p.107-116. JAMAICA

5. Gbolade AA, Elujoba AA, Sofowora A (1984). "Steroidal sapogenin content of *Agave* species cultivated in Nigeria". Proceedings of the Symposium on the Analysis of Steroids (Ed. Gorog S), Akademiai Kiado, Szeged, Hungary, pp. 93-98. HUNGARY

Journal Articles Published (633)

Essential oils/ tissue culture (27 papers)

- *6 Gbolade AA, Guedes AP, Ferreira FM (2011), A comparative study of the constituents of peel essential oils of *Citrus limon* and *C. aurantifolia*. J. Pharmacy Bioresour. 8, 98-102. JOS
- *7. Gbolade AA, Argyropoulou C, Skaltsa H (2011), Essential oil analysis of the peel and leaf oils of *Citrus medica* L. (Rutaceae) from Nigeria. Nigerian J. Nat. Prod. Med. 15, 62-65. ILE-IFE
- *8 Tira-Picos V, Nogueira JMF, Gbolade AA (2010) Comparative analysis of leaf essential oil constituents of *Piliostigma thonningii* and *P. reticulatum*. Int J Green Pharmacy 4, 67-70. INDIA
- *9 Gbolade AA, Tira-Picos V, Nogueira JMF (2010). Chemical constituents of *Chenopodium ambrosioides* var. *anthelminticum* A. Gray. herb essential oil from Nigeria. Chemistry of Natural Compounds 46, 654-655. UZBEKISTAN
- *10 Tira-Picos V, Gbolade AA, Nogueira JMF, Ajibesin KK. (2009) Analysis of leaf essential oil constituents of *Cinnamomum zeylanicum* grown in Nigeria. J. Essent. Oil Bearing Plants 12, 76-80. INDIA
- *11 Gbolade AA, Tira-Picos V, Nogueira JMF, Oladele AT. (2009) Comparative analysis of essential oils from the leaf, fruit and stem bark of *Harungana madagascariensis*. Int. J. Green Pharmacy 3, 290-293. INDIA
- *12 Gbolade A, Simić A, Ristić MS, Marin PD.(2009) Essential oil composition of *Centratherum punctatum* from Nigeria. Chemistry of Natural Compounds 45, 118-119. UZBEKISTAN
- *13 Dzamic A, Gbolade A, Ristić M, Marin PD (2009). Essential oil composition of *Anacardium occidentale* from Nigeria. Chemistry of Natural Compounds 45, 441-442. UZBEKISTAN
- *14 Adebayo A. Gbolade, Ana Simić, Mihailo Ristić, Petar D. Marin. (2009) Essential oil constituents of *Aspilia africana* (Pers.) C. D. Adams leaf from Nigeria. J. Essent. Oil Res. 21, 348-350. USA
- *15 Adebayo A. Gbolade, Vania Tira-Picos, Jose M. F. Nogueira (2008) Analysis of chemical constituents of *Tithonia rotundifolia* leaf essential oil found in Nigeria. Natural Product Communications 3, 1537 – 1538. USA
- *16 Adebayo A. Gbolade, Teresita Arcoraci, Manuela D'Arrigo, Francis O. Olorunmola, Daniela M. Biondi, Giuseppe Ruberto (2008), Essential oils of *Dennettia tripetala* Bak. f. stem bark and leaf. Constituents and biological activities. Natural Product Communications 3, 1925-1930. USA
- *17 Simić A, Gbolade A, Ristić M, Marin PD (2010). Composition of essential oils of *Mangifera indica* grown in Nigeria. J. Essent. Oil Res. 22, 123-125. USA
- *18 Adebayo A. Gbolade, Daniela M. Biondi, Giuseppe Ruberto (2008) Comparative analysis of chemical constituents of the essential oils from two Asteraceous plants found in Nigeria. Natural Product Communications. 3, 1735-1738. USA
- *19 Karioti A, Skaltsa H, Gbolade AA (2007) Analysis of the leaf oil of *Syzygium malaccense* Merr. et Perry from Nigeria. Journal of Essential Oil Research 19, 313-315. USA
- *20 Karioti A, Skaltsa H, Gbolade AA (2007), Constituents of the distilled essential oils of *Citrus reticulata* and *C. paradisi* from Nigeria. J. Essent. Oil Res. 19, 520-522. USA
21. Gbolade AA, Hankoua BB, Erhun WO. and Ng, SYC. (2003) Callus induction and morphogenesis in *Dioscorea dumetorum* for steroid production. Nigerian J. Nat. Prod. Med. 7, 5-8. ILE-IFE
- 22 Gbolade AA. and Soremekun RO. (1998) A survey of aromatic plants of economic importance in Nigeria. The Nigerian J. Pharm. 29, 50-62. LAGOS
- 23 Gbolade AA, Omobuwajo OR., and Soremekun RO. (1997). Evaluation of the quality of Nigerian chillies

- for pharmaceutical formulations. J. Pharmaceut. Biomed. Anal. 15, 545-548. NETHERLANDS
24. Gbolade AA. and Lockwood GB. (1992). Some factors affecting productivity of *Allium cepa* L. callus cultures. J. Essent. Oil Res. 4, 381-385. USA
25. Gbolade AA. and Lockwood GB. (1992). Metabolic studies of volatile constituents in tissue cultures of *Melissa officinalis* L.. J. Plant Physiol. 140, 28-32. GERMANY
26. Gbolade AA (1992) Further examination of volatile oil variation in selected aromatic plants. Afr. J. Pharm. Pharmaceut. Sci. 22, 209-213. LAGOS
27. Gbolade AA. and Lockwood GB. (1991). The constituents of *Melissa officinalis* L. cultures. J. Essent. Oil Res. 3, 111-114. USA
28. Gbolade AA. and Lockwood GB. (1990). Metabolic studies of volatile constituents in tissue cultures of *Petroselinum crispum* (Mill) Nyman. J. Plant Physiol. 136, 198-202. GERMANY
29. Gbolade AA. and Lockwood GB. (1990). Biotransformation of monoterpenes by polyurethane foam immobilized cells of *Petroselinum crispum* (Mill) Nyman. Z. Naturforsch. 45C, 245-248. GERMANY
30. Gbolade AA and Lockwood GB. (1989) Volatile constituents from parsley cultures. Flavour Fragr. J. 4, 69-71 ENGLAND
31. Gbolade AA. and Lockwood GB. (1989). Selective biotransformation of monoterpenoids by cell suspensions of *Petroselinum crispum*. Z. Naturforsch. 44C, 1066-1068. GERMANY
32. Gbolade AA (1988): Hecogenin content in incubated *Agave americana* and *Furcraea selloa-marginata*. Fitoterapia 59, 241-242. ITALY

Phytochemistry/ Insecticidal studies (13 papers)

- *33 Gbolade AA and Lockwood GB (2008). Toxicity of *Ocimum sanctum* L. essential oil to *Aedes aegypti* larvae and its chemical composition. J. Essent. Oil Bearing Plants 11, 148-153. INDIA
- *34 Gbolade, A. A. (2006) Insecticidal use of Nigerian-grown plants. Discovery and Innovation 18, 123-140. KENYA
- *35 Agboola IO, Adesanya SA, Gbolade AA (2006). Potential of some Nigerian plants as mosquito larvicides. J. Pharmacy & Bioresources 3, 46-48. JOS
- 36 Gbolade AA (2005) Use of plants as repellent to malaria mosquitoes –A Review. J. Trop. Medicinal Plants 6, 133-142. MALAYSIA
- 37 Omobuwajo OR, Gbolade AA, Nia R. and Adewoyin, FB (2005), Constituents and insecticidal activities of essential oil in *Citrus sinensis* fruit peel. J. Trop. Medicinal Plants 6, 265-270. MALAYSIA
- 38 Oyedele AO, Gbolade AA, Sosan MB, Adewoyin FB, Soyelu L. and Orafidiya L. (2002) Formulation of an effective mosquito-repellent topical product from lemongrass oil. Phytomedicine 9, 259-262. GERMANY
- 39 Gbolade AA, Oyedele AO, Sosan MB, Adewoyin FB and Soyelu L. (2000) Mosquito repellent activities of essential oils from two Nigerian *Ocimum* species. J. Trop. Med. Plants 1, 146-148. MALAYSIA
- 40 Gbolade A, Onayade OA and Ayinde BA (1999) Insecticidal activity of *Ageratum conyzoides* L. volatile oil against *Callosobruchus maculatus* F. in seed treatment and fumigation laboratory tests. Insect Sci. Applic. 19, 237-240. KENYA
41. Adebayo TA, Gbolade AA. and Olaifa JI (1999) Comparative study of toxicity of essential oils to larvae of three mosquito species. Nigerian J. Nat. Prod. Med. 3, 74-76. ILE-IFE
- 42 Adebayo TA, Gbolade AA. (1994). Protection of stored cowpea from *Callosobruchus maculatus* using plant products. Insect Sci. Applic. 15, 185-189. KENYA
- 43 Gbolade AA and Adebayo TA. (1993). Fumigant effects of some volatile oils on fecundity and adult emergence of *Callosobruchus maculatus* F. Insect Sci. Applic. 14, 631-636. KENYA
- 44 Gbolade AA. and Adebayo TA. (1993). An investigation into the toxicity of volatile oils to adults of *Callosobruchus maculatus* F. Pakistan J. entomol. (Karachi) 8, 17-25. PAKISTAN
- 45 Gbolade AA, Olayemi JO, Elujoba AA, Sofowora A. and Adesina, SK. (1992). Factors affecting the levels of steroidal saponin in Nigerian *Agave* and *Furcraea* species. Fitoterapia 63, 45-48. ITALY

Ethnopharmacology/ Phytotherapy (20 papers)

- *46 Adedokun O, Ume O, Nasiru A, Gbolade A, Aziba P, Benjamin G (2019) Evaluation of antidiabetic and anti-lipid peroxidation potentials of leaves crude and solvent fractions of *Annona muricata*

- Linn (Annonaceae). J. Pharmacog Phytochem 8, 3973-3977 INDIA
- 47 Gbolade AA, Ayinde BA, Adedokun AO. (2019) 13, 14-Epoxyoleanan-3-ol-acetate: An aphrodisiac constituent from hexane fraction of *Momordica charantia*. J. Pharmacognosy and Phytochemistry (in press) INDIA
- *48 Adebayo Gbolade, Ibrahim Muazu and Abdulrauf. Haruna (2018) Comparative antioxidant, anti-proliferative and cytotoxic potentials of *Piliostigma thonningii* (Schum.) Milne-Redh. and *Delonix regia* (Boj. ex Hook) Raf. (Fabaceae) stem bark. Ethiopian Pharmaceut. J. 34, 51-60. ETHIOPIA
- 49 Olorunmola OF, Omisore ON, Gbolade AA (2018) Anti-trichomonad and cytotoxic activities of *Chenopodium ambrosioides* L. var. *anthelminticum* herb essential oil from Nigeria. Nigerian J. Natural Products and Medicine 22, 92-96. NIGERIA
- *50. Ayoola MD, Gbolade AA, Ibitoye SF, Moody JO (2011), *In vivo* anti-inflammatory activity of methanolic extracts of *Treculia africana* Decne. and *Buchholzia coriacea* Engl. Nigerian J. Pharmaceut. Sci. 10, 27-31 ZARIA
- *51 Gbolade AA, Akinlolu AA, Odewabi AO (2011), Antihyperglycaemic and hypolipidaemic activities of stem bark ethanol extract of *Spondias mombin* (Anacardiaceae). Nigerian J. Pharmaceut. Sci. 10, 39-49 ZARIA
- *52 Gbolade AA, Adeyemi AA, Oyebadejo TY (2010). Antihyperglycaemic and hypolipidemic studies of three medicinal plants on alloxan-induced rats. J Pharmaceut Res. 9, 81-86. INDIA
- *53 Gbolade AA, Olorunmola FO. (2010) Anti-trichomonad activity of five *Citrus* essential oils. *Inventi Rapid: Ethnopharmacology* 1 (1) INDIA
- <http://www.inventi.in/Rapid/Ethnopharmacology/CurrentIssue.aspx?Vol=2010&Issue=1&From=Past>
- *54 Gbolade AA. (2010) Antidiabetic plants of Nigeria. *Inventi Rapid: Ethnopharmacology* 1 (1) INDIA
- <http://www.inventi.in/Rapid/Ethnopharmacology/CurrentIssue.aspx?Vol=2010&Issue=1&From=Past>
- *55 Gbolade AA (2010). Effects of *Spondias mombin* stem bark and *Senna alata* leaf extracts on some biochemical parameters in rats. *Journal of Pharmacy and Bioresources* 7, 19-25.
- *56 Iwalewa EO, Gbolade AA, Ademowo OG, Omisore NO, Nneji CM. (2009) Antimalarial and antipyretic effects of six essential oils on *Plasmodium yoelii nigeriensis* (in-vivo) and *Plasmodium falciparum* (in-vitro). *Nigerian J. Pharmaceut. Res.* 7, 64-77. LAGOS
- *57 Oyemitan IA, Iwalewa EO, Akanmu MA, Gbolade AA, Olugbade TA (2009) Behavioural effects and mechanisms of essential oils of *Dennettia tripetala* G.Baker (Annonaceae) in mice. *West Afr. J. Pharmacol. Drug Res* 25, 15-22. BENIN
- *58 Gbolade AA, Adeyemi AA (2008) Anthelmintic activities of three medicinal plants from Nigeria. *Fitoterapia* 79, 223-225. ITALY
- *59 Gbolade AA, Adeyemi AA (2008) Investigation of *in vitro* anthelmintic activities of *Pycnanthus angolensis* and *Sphenocentrum jollyanum*. *Fitoterapia* 79, 220-222. ITALY
- *60 Iwalewa EO, Omisore NO, Adewunmi CO, Gbolade AA, Ademowo OG, Nneji C, Agboola OI, Daniyan OM (2008). Anti-protozoan activities of *Harungana madagascariensis* stem bark extract on trichomonads and malaria. *J. Ethnopharmacology* 117, 507-511. USA
- *61 Odeleye, OM, Elujoba AA, Gbolade AA. (2008), Comparative chemical and biological analyses of *Aloe schweinfurthii* and *Aloe vera* for laxative activity. *J. Pharmaceut. Res.* 7, 83-86. INDIA
- *62 Gbolade AA, Ekor MN, Akinlolu AA, Ayoola MD (2008), Antidiabetic activity of stem bark ethanolic extracts of *Spondias mombin* on alloxan-induced diabetic rats. *J. Pharmaceut. Res.* 7, 192 – 195. INDIA
- *63. Ogbale OO, Ekor MN, Oluremi BB, Ajaiyeoba EA, Gbolade AA, Ayoola MD, Adeyemi AA (2007). Anti-inflammatory and antimicrobial activities of *Hippocratea indica* root bark and *Poga oleosa* fruits. *African Journal of Traditional, Complementary and Alternative Medicine.* 4 (3), 372-376. ILE-IFE
- *64. Adeyemi AA, Gbolade AA (2006). Anti-anaemic effects of *Spondias mombin* and *Khaya grandifoliola* aqueous extracts on rats. *J. Pharmacy & Bioresources* 3, 94-97. JOS
- 65 Gbolade AA, Ilesanmi OR, Aladesanmi AJ (1996). The contractile effects of the extracts of *Eugenia uniflora* on isolated rat duodenum. *Phytotherapy Res.* 10, 613- 615. ENGLAND

Ethnobotany (4 papers)

- *66 Gbolade AA (2012), Ethnobotanical studies of plants used in treating hypertension in Edo State of Nigeria. J. Ethnopharmacology 144, 1-10 USA
- *67 Adeyemi AA, **Gbolade AA**, Moody JO, Ogbale OO, Fasanya MT. (2010) Traditional antifever phytotherapies in two districts of Ogun State, Nigeria. J Herbs, Spices Med. Plants 16, 203-218. USA
- *68. Ogbale OO, **Gbolade AA**, Ajaiyeoba EO (2010). An ethnobotanical survey of anti-inflammatory plants in central district of Ogun State in Nigeria. European Journal of Scientific Research 43, 183-191. ENGLAND
- *69 Gbolade AA. (2009) Inventory of antidiabetic plants in selected districts of Lagos State, Nigeria. J. Ethnopharmacol. 121, 135-139. USA

***Publications added since professorial appointment in 2005**

Manuscripts submitted for publication

- i. Gbolade AA, Adedokun AO, Ayinde BA. Aphrodisiac activity of ethanol extract and fractions of *Momordica charantia*. Pakistan J. Biol. Sci (Sci direct).
- ii. Adebayo Gbolade, Oluwasegun Adedokun, Adamu Bello, Zaharaddeen Bello. Cytotoxic and growth inhibitory activities of *Gliricidia sepium* (Jacq.) Kunth ex Walp. (Fabaceae) and *Hymenocardia acida* Tul. (Phyllanthaceae) stem bark. Amer. J. Essent. Oils Nat. Prod.
- iii. Adebayo Anthony Gbolade, Ojadua Ojirhomu Okotie, Mohd Sani Shua'ibu and Ibrahim Adam Isah. Anti-proliferative and cytotoxicity activities of *Heliconia psittacorum* L. f. (Heliconiaceae) and *Ficus coronata* Spin. (Moraceae) leaves. J. Pharmacy and Bioresources.
- iv. Adebayo Gbolade, Onosetale Ojeh-Oziegbe, Precious Uazama. *In vitro* anti-proliferative and cytotoxic study of *Ceiba pentandra* (L.) Gaertn. leaf (Malvaceae) and *Cascabela thevetia* (L.) Lippold root bark (Apocynaceae). J. Pharmacogn. Phytochem.
- v. Adebayo Anthony Gbolade, Diana Nmachi Edom, James Toyosi Ogunleye, Safurat Tsowa Muhammad. Investigation of anti-proliferative and cytotoxic properties of *Spondias mombin* L. (Anacardiaceae) stem bark. J. Pharmaceut. Allied Sci.

xix) MAJOR CONFERENCES AND WORKSHOP ATTENDED WITH PAPER READ (21)

- 1 Adebayo Gbolade, Oluwasegun Adedokun, Adamu Bello, Zaharaddeen Bello
‘‘Cytotoxic and growth inhibitory activities of *Gliricidia sepium* (Jacq.) Kunth ex Walp. (Fabaceae) and *Hymenocardia acida* Tul. (Phyllanthaceae) stem bark.’’ 8th International Conference of West African Society of Toxicology (WASOT), Igbinedion University, Okada, Edo State, **Nigeria**, 7-8 February, **2019** (Abstract OP 31)
- 2 Gbolade AA, Ayinde BA, Adedokun OA. ‘‘Bioactivity-guided aphrodisiac potential of *Momordica charantia* Linn.’’. 6th Western Africa Network of Natural Products Research Scientists (WANNPRES) Conference & AJTCAM Symposium on African Traditional Medicine, Ile-Ife, Osun State, **Nigeria**, 3 - 7 August, **2014** (Abstract OP-01).
[erratum: Afr. J. Tradit. CAM. 14 (6), 127 (2017)]
- 3 Gbolade AA, ‘‘Ethnobotanical study of plants used in treating hypertension in Edo State of Nigeria’’. 5th Western Africa Network of Natural Products Research Scientists (WANNPRES) & AAMPS Ethnoveterinary Conference, Ada, Osun State, **Nigeria**, 6 - 8 August, **2012** (Abstract p. 27).
- 4 57th International Congress and Annual Meeting of the Society for Medicinal Plants and Natural Product Research, Geneva, **Switzerland**, 16 - 20 August, **2009**.
 - i) Gbolade AA. ‘‘Inventory of antidiabetic plants in selected districts of Lagos State, Nigeria’’ Abstract p. B29, *Planta Medica* p.934-935
 - ii) Adebayo A. Gbolade, Teresita Arcoraci, Manuela D’Arrigo, Francis O. Olorunmola, Daniela M. Biondi, Giuseppe Ruberto. ‘‘Essential oils of *Dennettia tripetala* Bak. f. stem bark and leaf. Constituents and biological activities’’. Abstract p.132, *Planta Medica* p. 1027.

- iii) Adeyemi AA, **Gbolade AA**, Moody JO, Ogbole OO, Fasanya MT. "Traditional antifever phytotherapies in two districts of Ogun State, Nigeria". Abstract p.B30, *Planta Medica* p. 935.
5. IV World Congress on Medicinal and Aromatic Plants, Cape Town, *South Africa*, 9 – 14 November, **2008**.
- i) Gbolade AA, Akinlolu AA, Ekor MN, Ayoola MD: Antidiabetic activity of ethanolic extract of *Senna alata* leaf on alloxan-induced diabetic rats.
 - ii) Gbolade AA, Akinlolu AA, Ekor MN, Odewabi AO: Chronic toxicity, antidiabetic and hypolipidaemic activities of stem bark ethanolic extract of *Spondias mombin* on alloxan-induced diabetic rats.
 - iii) Gbolade AA, Tira-Picos V, Nogueira JMF, Oladele AT: Comparative analysis of essential oils from the leaf, fruit and stem bark of *Harungana madagascariensis* (Hypericaceae).
- 6 Femi-Oyewo MN, **Gbolade AA**, Kasim LS, Adeyemi AA, Fajemirokun OT (**2008**) Some bioactive plants from south western Nigeria. KISC/ Gibex-Africa Workshop on "Developing Novel Strategies for Natural Product-Based Drug Discovery for Tropical Diseases", Cape Town, *South Africa*, 3 – 6 November, **2008**.
7. Gbolade AA (**2008**) Management of malaria with new national antimalarial treatment policy. UNICEF Orientation/ Sensitisation Programme in "Simple Malaria Treatment and Prevention Using Appropriate National Drug Policy for Patent Medicine Licence Vendors (PMLV's) in Ogun State", Ijebu-Ode, *Nigeria* 22 – 25 October, **2008**
- 8 Iwalewa EO, **Gbolade AA**, Ademowo OG, Omisore NO, Nneji CM (**2008**). Antimalarial and antipyretic effects of six essential oils on *Plasmodium yoelii nigeriensis* (*in-vivo*) and *Plasmodium falciparum* (*in-vitro*). 56th International Congress and Annual Meeting of the Society for Medicinal Plant Research, Athens, *Greece*. August 3 – 8, 2008. *Planta Medica* 74: 850 (Abstract P 086)
9. Iwalewa EO, Omisore, NO, Adewunmi CO, **Gbolade AA**, Ademowo OG, Nneji C, Agboola, OI, Daniyan, OM (**2007**). Anti-protozoan activities of *Harungana madagascariensis* stem bark extract on trichomonads and malaria. 55th International Congress and Annual Meeting of the Society for Medicinal Plant Research Graz, *Austria*. September 2 -6, 2007. *Planta Medica* 73: 850 (Abstract P 086).
10. 25th AGM/ Scientific conference of the Nigerian Society of Pharmacognosy, Obafemi Awolowo, Ile-Ife, *Nigeria*, 30-31 August, 2007.
- i) Odeleye, OM, Elujoba AA and **Gbolade AA**: Seasonal variation in laxative activities of *Aloe schweinfurthii* and *Aloe vera*, p.3
 - ii) Ayoola MD, **Gbolade AA**, Ibitoye SF, Moody JO: *In vivo* anti-inflammatory activity of methanolic extracts of *Treulia africana* and *Buchholzia coriacea*, p.3
11. Gbolade, AA (**2006**). The role of complementary /alternative medicine in the care of diabetes mellitus. Update Course in Modern Diabetes Care, Obafemi Awolowo College of Health Sciences, Olabisi Onabanjo University, Sagamu, *Nigeria* 2-3 August, **2006**.
- 12 Odeleye, OM, Elujoba AA and **Gbolade AA**. (**2005**) A comparative pharmacognostic investigation of the leaves of *Aloe schweinfurthii* and *Aloe vera*. 23rd AGM/ Scientific conference of the Nigerian Society of Pharmacognosy, Ahmadu Bello University, Zaria, *Nigeria*, 24- 28 May, 2005, p.3
13. Omobuwajo OR, **Gbolade AA**, Nia R, Adewoyin FB. (**2005**) Constituents and insecticidal activities of essential oil in *Citrus sinensis* fruit peel. In: The 11th Symposium of the Natural Product Research Network for Eastern and Central Africa (NAPRECA), Antananarivo, *Madagascar*, August 9-12, p. 72.
14. DRPU – 10th International Symposium on Medicinal Plants, Obafemi Awolowo University, Ile-Ife, *Nigeria*, 3 – 8 December, 2000

- i) Gbolade AA. (2000) Plant-derived insecticides in the control of malaria vector. pp.48-50.
 - ii) Gbolade AA, Oyedele AO, Sosan MB, Adewoyin FB and Soyelu L (2000). Mosquito repellent activities of essential oils from two Nigerian *Ocimum* species. pp. 92-93.
- 15 Gbolade AA (2000) Medicinal and pesticidal potential of Nigerian plants. Book of Abstracts of UNDP /University of West Indies, Joint Symposium/ Workshop, Kingston, *Jamaica*, on Utilization of Natural Products in Developing Countries: Trends and Needs, 9-29 July, 2000. p.25.
 - 16 Gbolade AA, Omobuwajo OR and Soremekun RO (1998) Evaluation of the quality of Nigerian chillies for pharmaceutical formulations. Antimicrobial Plant Research Group International Conference on "Natural Products in Drug Development" OAU, Ile-Ife, *Nigeria*, 18-21 October, 1998.
 - 17 Gbolade AA, Ayinde BA, and Onayade OA. (1997). Studies on the insecticidal properties of volatile oil of *Ageratum conyzoides*. Book of Abstracts of the Nigerian Society of Pharmacognosy Workshop on "Challenges in the Processing of Medicinal Plants in *Nigeria*". Ile-Ife, 3-6 December, 1997, p. 5.
 - 18 Gbolade AA and Lockwood GB. (1990). Growth and production of secondary metabolites in cell cultures of *Allium cepa*. PSE Joint International Symposium on "Biology and Chemistry of Active Natural Substances". Bonn, *Federal Republic of Germany*, 17 - 22 July, 1990. *Planta Medica* 56, 633-633.
 - 19 Gbolade AA and Lockwood GB. (1989). Biotransformation of geraniol by cell suspensions of *Petroselinum crispum*. Book of Abstracts of Phytochemical Society of Europe (PSE) Joint International Symposium on "Ecological Chemistry and Biochemistry of Plant Terpenoids", Murcia, *Spain*, 12 - 16 September, 1989, p. A 26
 - 20 Gbolade AA. and Lockwood GB. (1988). The constituents of *Melissa officinalis* cell cultures. 36th Annual Congress on Medicinal Plant Research, Freiburg, *Federal Republic of Germany*, 12- 16 September, 1988. *Planta Medica* 55, 228.
 - 21 Gbolade AA, Elujoba AA, Sofowora A. Steroidal sapogenin content of *Agave* species cultivated in Nigeria. 2nd Symposium on the Analysis of Steroids, Szeged, *Hungary*, 12-14 June, 1984

xx) REVIEWER FOR SCIENTIFIC JOURNALS

a) Foreign Journals (14)

- i. Associate Reviewer, *Insect Science and its Application* (published by International Centre for Insect Physiology and Ecology, Kenya).
- ii. Associate Reviewer, *Discovery and Innovation* (published by African Academy of Science, Kenya).
- iii. Appointed Referee, *Journal of Essential Oil Bearing Plants* (published by M/s Har Krishan Bhalla & Sons, India).
- iv. Reviewer, *Acta Tropica* (published by Elsevier, Amsterdam, Netherlands) 2008
- v. Advisory Board Member, *International Journal of Green Pharmacy* (BR Nahata Smriti Sansthan, Mandsaur, MP, India).
- vi Associate Reviewer, *Pharmaceutical Biology* (published in USA), 2008 – date
- vii Associate Reviewer, *Journal of Herbs, Spices and Medicinal Plants* (published in USA), 2009, 2013
- viii. Associate Reviewer, *African Journal of Biotechnology* (published in USA), 2009–date
- ix Associate Reviewer, *African Journal of Microbiology Research*, 2008 –date
- x. Associate Reviewer, *African Journal of Pharmacy and Pharmacology* (published in USA), 2012 –date
- xi Associate Reviewer, *International Journal of Tropical Disease and Health* (published in USA), 2012
- xii Associate Reviewer, *Journal of Pharmacological and Biomedical Research* (published in USA), 2013
- xiii Associate Reviewer, *European Journal of Medicinal Plants* (published in USA), 2013

b) Local Journals

- i. Associate Reviewer, *Nigerian Journal of Natural Products and Medicine* (published by Nigerian Society of Pharmacognosy) 2003 - date
- ii. Associate Reviewer, *African Journal of Traditional, Complementary and Alternative Medicines* (published by The African Ethnomedicines Network, Nigeria), 2003 - date
- iii. Editorial Board Member, *African Journal of Medicine and Pharmaceutical Sciences* (published by OACHS and Faculty of Pharmacy, Olabisi Onabanjo University, Sagamu, Nigeria) 2007 – 2011
- iv Associate Reviewer, *Journal of Medicinal Plants Research* (published in Nigeria), 2009 –date
- v. Associate Editor, *International Journal of Multi-Disciplinary Research*, (published by the postgraduate school, Olabisi Onabanjo University, Ago Iwoye, Nigeria), 2009 –2011
- vi. Associate Reviewer, *Tropical Journal of Pharmaceutical Research*, (published by the Pharmacotherapy Group, Faculty of Pharmacy, University of Benin, Nigeria), 2012 –2014

xxi) PUBLISHED INVITED LECTURES

1. Orafidiya OO, **Gbolade AA** and Egbujoh II (1999) Industrial processing of herbal products. In: New Horizons in Herbal Medicine (CO Adewunmi, SK Adesina and JM Agbedahunsi, eds), Drug Research and Production Unit Publications, Ile-Ife, pp. 120-127.
2. Orafidiya L. and **Gbolade AA** (2000) Processing of herbal products used in the treatment of malaria and sexually transmitted diseases in Nigeria. In: Phytomedicines in Malaria and Sexually Transmitted Diseases: Challenges for the new Millennium (CO Adewunmi and SK Adesina eds.), Drug Research and Production Unit Publications, Ile-Ife, pp.71-77.
3. Gbolade AA (2006) Applications of Biotechnology in Pharmacy. In: PCN-Mandatory Continuing Professional Development (MCPD-Module 5) for Pharmacists (Femi-Oyewo et al, eds.), Olabisi Onabanjo University Publications, Ago-Iwoye, 29 June/ 28 September; March/ June, 2007
4. Gbolade AA (2006) Traditional Medicine. In: PCN-Mandatory Continuing Professional Development (MCPD-Module 5) for Pharmacists (Femi-Oyewo et al, eds.), Olabisi Onabanjo University Publications, Ago-Iwoye, 29 June/ 28 September; March/ June, 2007
5. Gbolade AA (2006) The Role of Complementary Alternative Medicine in the Management of Diabetes Mellitus. In: Update Course in Modern Diabetes Care (Alebiosu CO et al), Olabisi Onabanjo University Publications, Ago-Iwoye, 2-3 August.
6. Gbolade AA (2006) Herbal Medicines in Pharmacy. In: PCN-Mandatory Continuing Professional Development (MCPD-Module 5) for Pharmacists (Femi-Oyewo et al, eds.), Olabisi Onabanjo University Publications, Ago-Iwoye, 22 August 2006; 22-23 August, 2009
7. Gbolade AA (2006) Veterinary Pharmacy. In: PCN-Mandatory Continuing Professional Development (MCPD-Module 5) for Pharmacists (Femi-Oyewo et al, eds.), Olabisi Onabanjo University Publications, Ago-Iwoye, 24 August/ 27 September; March/ June, 2007
8. Gbolade AA (2006) Agrochemicals. In:PCN- Mandatory Continuing Professional Development (MCPD-Module 5) for Pharmacists (Femi-Oyewo et al, eds.), Olabisi Onabanjo University Publications, Ago-Iwoye, 24 August/ 27 September 2006; March/ June, 2007; 22-23 August 2009
9. Gbolade AA (2007) Academic Pharmacy. In: PCN-Mandatory Continuing Professional Development (MCPD-Module 6) for Pharmacists (Gbolade et al, eds.), Olabisi Onabanjo University Publications, Ago-Iwoye, 2 March; 9 June, 2007
10. Gbolade AA (2008) Pharmacogenomics. In: PCN-Mandatory Continuing Professional Development (MCPD-Module 7) for Pharmacists (Gbolade et al, eds.), Olabisi Onabanjo University Publications, Ago-Iwoye, 3 - 4 April; 14-15 July; 13-14 October, 2008; 7-8 December, 2009.
12. Gbolade AA (2009) Cosmetology, Nutraceuticals, Antioxidants, Immune boosters, Acupuncture. In: PCN-Mandatory Continuing Professional Development (MCPD-Module 8) for Pharmacists (Gbolade et al, eds.), Olabisi Onabanjo University Publications, Ago-Iwoye, 22 - 23 April, 2009; 7-8 December, 2009.

xxii) **INFORMATION AND FELLOWSHIP, MASTER'S PROJECT AND PHD THESIS SUPERVISED**

Completed supervisions

- M. Sc**
- i) Adedokun OA, "Bioactivity-guided evaluation of aphrodisiac activity of *Momordica charantia* ethanol extract" (2011- 2014)- University of Benin
 - ii) Odeleye, OM: "Comparative pharmacognostical studies on *Aloe schweinfurthii* and *Aloe vera* (co-supervised, 2002- 2004)" – Obafemi Awolowo University
 - iii) Agboola, OI: "Phytochemical investigation of selected Nigerian plants used in the control of larvae of *Aedes aegypti* L. mosquito (co-supervised, 2002- 2004)" - Obafemi Awolowo University
 - iv) Ayinde, BA: "Insecticidal activity of volatile oil of *Ageratum conyzoides* on *Callosobruchus maculatus* (co-supervised, 1993- 1995)" - Obafemi Awolowo University

M. Phil i) Hankoua, BB: "Effects of nutrients on steroid production from callus cultures of *Dioscorea dumetorum* (co-supervised, 1997- 1999)"- Obafemi Awolowo University

Ph.D i) Nia, R: "Isolation of antimicrobial agents from *Calliandra haematocephalia* and *Cissus quadrangularis* (co-supervised, 1997- 2000)"- Obafemi Awolowo University

ALL SIX POSTGRADUATES ARE NOW LECTURERS IN AND OUTSIDE (Odeleye OM) NIGERIA

xxiii) **DETAILS OF ADMINISTRATIVE EXPERIENCES**

1) **AT IGBINEDION UNIVERSITY, OKADA (IUO)**

- i) Head, Department of Pharmacognosy July 2019 - date
- ii) Dean, College of Pharmacy August 2016 - June 2018
- iii) Member, University Appointments and Promotions Committee August 2016 - June 2018
- iv) Senate member August 2015 - date

2) **AT UNIVERSITY OF BENIN**

- i) Member, Faculty Committee on National Biotechnology Programme
- ii) Member, Faculty Sub-Committee of Appointments and Promotions Board
- iii) Member, Faculty Board of Studies
- iv) Member, University Senate

3) **AT OLABISI ONABANJO UNIVERSITY (OOU)**

(a) At Departmental/ Faculty Levels:

- i) Head of Pharmacognosy Department November 2005 - August 2006
- ii) Acting Dean of Faculty September 2006 - July 2008
- iii) Dean of Faculty August 2008 – January 2011
- iv) Coordinator, Development of Pharmacognosy Postgraduate Curriculum for MSc & MPhil/ PhD, 2010
- v) Internal Assessor for PFQ cases, Faculty of Pharmacy, Sept.2006 - January 2011
- vi) Assistant Coordinator-General, Post UME/ DE Screening Admissions Exercise, 2006 - 2011

(b) Responsibilities at Senate (2009 - 2011)

- i) Member, Special Visitation Committee on Basic Medical Science programme, May 2008
- ii) Member, Technical Sub-Committee for Science-Based Programmes (2008/09 Post-UME Screening Exercise)
- iii) Member, Special Investigative Panel on Students Crisis at OACHS, August 2008

(c) Responsibilities at University Governing Council (2008-2011)

- i) Member, Committee on Review of Standing Order
- ii) Member, Building, Works and Estate Committee

(d) Membership of Committees

- i) Member, West African Institute for Biotherapeutics (WABIT) Research Group
- ii) Member, University Senate
- iii) Member, Management Board of Postgraduate School
- iv) Member, Development Committee, Admissions Committee, Committee of Provosts and Deans, Appointments and Promotions Committee, Examinations Committee
- v) Member, Management Board of Talabi Centre for Diabetes Studies (TCDS), Obafemi Awolowo College of Health Sciences (OACHS). **March 2007 – Jan 2011**
- vi) Member, Scientific Advisory Committee of TCDS, OACHS, **March 2007 – Jan. 2011**
- vii) Member, Management Committee of OOUTH Health Research Institute, **January 2007 – January 2011**

4) **AT OBAFEMI AWOLOWO UNIVERSITY (OAU)**

- i) Resource Person for Orientation Course for Overseas-Trained Pharmacists, Oct./ Nov., 1997; Oct./ Nov., 2003
- ii) Zonal Head - Nigerian Society of Pharmacognosy, 1997-1998
- iii) Acting Head of Department, 1997 - 1998

Membership of Committees:

- i) Member, Faculty Board of Pharmacy, 1984 - 2005.
- ii) Member, Faculty of Science Review Panel and Selection Panel, 1998-2000
- iii) Member, Faculty Board of Science, 1998-2000
- iv) Member, Faculty of Pharmacy Research Committee, 1998-2000
- v) Member, Faculty of Pharmacy Review Panel, 1997 – 1998, 2001-2003
- vi) Member, Faculty of Pharmacy Postgraduate Committee, 1997-1998, 2002 - 2003
- vii) Member, Faculty Board of Studies of Pharmacy, 1997-1998
- viii) Member, Board of Institute of Cultural Studies, 1997 - 1998
- ix) Chairman, Local Organising Committee of Nigerian Society of Pharmacognosy, Workshop on Challenges in the Processing of Medicinal Plants, Ile-Ife, 3 - 6 December, 1997.
- x) Member, Faculty Board of Technology, 1990 - 1991

xxiv) **TEACHING EXPERIENCES**

a) **At Igbinedion University, Okada** (2015- date)

Undergraduate courses

- PCG 312: Phytochemistry and Biogenesis of Drugs of Natural Origin
- PCG 412: Plant Cultivation, Alternative Medicine and Poisonous Plants
- PCG 522: Nigerian Medicinal Plants, Pesticides and Biogenetic Investigations
- PCG 501: Final Year Projects

b) **At University of Benin** (2011- 2014)

Undergraduate courses

- PCG 322: Medicinal plants and alternative medicine II
- PCG 422: Phytochemistry I
- PCG 513: Phytochemistry II
- PPJ 601: Final Year Projects

Postgraduate courses

- PCG 721: Advances research techniques in pharmacognosy and their applications in evaluation of medicinal plants
- PCG 731: Advances in plant tissue culture and biogenesis of secondary plant metabolites
- PCG 741: Advances in phytochemistry and development of new drugs from plants
- PCG 751: Chemotaxonomy and comparative phytochemistry
- PCG 761: Traditional medicine and Nigerian medicinal plants formulation of phytomedicines
- PCG 771: Practicals

- c) **At Olabisi Onabanjo University** (2005-2011)
Teaching at both undergraduate and postgraduate levels
- d) **At Obafemi Awolowo University** (1980-2005)
Teaching at both undergraduate and postgraduate levels

xxv) **SERVICE TO THE COMMUNITY (WITH STATUS AND DATE)**

1) ***Consultant to Pharmacists Council of Nigeria***

- (i) Member, Governing Council of the Pharmacists Council of Nigeria (PCN),
2006 – 2011, 2016 - date
- (ii) Examiner in Pharmacognosy for Foreign Pharmacy Graduates Orientation Programme (FPGOP), October **2006**; September **2008**

2) ***Nigerian Society of Pharmacognosy:*** (i) Secretary, **2005-2007.**

3) ***Pastor***, The Redeemed Christian Church of God, **2000 – date**

4) ***Consultant to World Health Organization*** (WHO) on:

- i) Self-Assessment of Pharmacy Education at Olabisi Onabanjo University, Nigeria, April, **2010**

5) ***Consultant to UNICEF/ Ogun State Government*** on:

- i) Orientation/ Sensitisation Programme in “Simple Malaria Treatment and Prevention Using Appropriate National Drug Policy for Patent Medicine Licence Vendors (PMLV’s) in Ogun State”, Ijebu-Ode, 22 – 25 October, **2008**

6) ***Consultant to West African Health Organization*** (WAHO) on:

- (i) Harmonisation of Pharm. D. Curriculum in Nigeria, Lagos, 23 October, **2008.**
- (ii) Harmonisation of Pharmacy Training in the Anglophone Sub-region, Abidjan, Cote d’Ivoire, October, **2007**

7) ***Pharmacists Council of Nigeria***

- (i) Lecturer in Mandatory Continuing Professional Development Programme, **2006- 2009**
- (ii) Member, Governing Council, **2006 – 2011, 2016 to date**
- (iii) Member, Interview Panel for Registration of Foreign-Trained Pharmacists, **2007 – 2011, 2017 to date**
- (iv) Member, Accreditation Team for B. Pharm degree to:
 - o University of Port Harcourt, Rivers State, 24-28 June, **2012**
 - o Nnamdi Azikiwe University, Akwa, Anambra State, October 24-28, **2010**
- (v) Member, Training Sub-Committee, August **2010-** January **2011**
- (vi) Lecturer in Mandatory Continuing Professional Development (MCPD) for Pharmacists
 - o At Olabisi Onabanjo University, Ago-Iwoye, **2006-2010**
 - o At Obafemi Awolowo University, Ile-Ife, **1997, 2003-2005**

8) ***Consultant to Pharma Deko PLC. Nigeria***

- (i) Evaluation of the quality of Nigerian chillies for pharmaceutical formulations, Jan– July, **1994.**
- (ii) Survey of aromatic plants of economic importance in Nigeria, January –April, **1993.**

9) ***National Youth Service Corps (NYSC)***

- (i) NYSC Pharmacist, Takum General Hospital, Taraba State, August **1981** - July **1982**

xxvi) **PRESENT EMPLOYMENT, STATUS, AND EMPLOYER**

Lecturing: Professor, Igbinedion University, Okada, Edo State

xxvii) **EXTRA CURRICULAR ACTIVITIES**

- i) Pastor, The Redeemed Christian Church of God, **2000 – date**
- ii) Peer-review of manuscripts for local and foreign scientific journals

APPENDIX I CONTRIBUTIONS TO KNOWLEDGE

My research focus as evidenced in the publications encompasses the following areas:

- i) steroid-containing plants
- ii) essential oil-containing plants
- iii) ethnobotany/ethnopharmacology

i) Steroid-containing plants:

- Four Nigerian *Agave* and one *Furcraea* species were established as promising sources of hecogenin, the raw material for the corticosteroid industry.
- Tissue culture method was developed for efficient propagation of *Dioscorea dumetorum* for commercial exploitation.

ii) Essential oil-containing plants: Research in this area was further subdivided into investigation of insecticidal activity, chemical analysis and development of plant tissue culture system for essential oil production.

- Establishment of **eleven** medicinal plants as **promising insecticidal agents** using *Callosobruchus maculatus* as a test system with *Ageratum conyzoides*, *Cymbopogon citratus*, *Lippia adoensis*, *Eugenia uniflora* identified to efficiently protect stored cowpea from bruchid infestation.
- Development of database for local control of malaria vector mosquitoes as **larvicides** and **repellents** for **14** medicinal plants (*Aframomum daniellii*, *Ocimum sanctum*, *O. basilicum*, *O. gratissimum*, *Citrus sinensis*, *Eugenia uniflora*, *Lantana camara*, *Cymbopogon citratus*, *Pseudocedrela kotschy*, *Harungana madagascariensis*, *Pycnanthus angolensis*, *Sphenocentrum jollyanum*, *Hyptis suaveolens*, *Alafia barteri*)
- Development of a **topical repellent product** from *Cymbopogon citratus* for commercial purposes.
- Establishment of Insecticidal constituents in *Ageratum conyzoides*.
- Development of plant tissue culture methods for the production of essential oils as flavouring agents using *Allium cepa*, *Melissa officinalis* and *Petroselinum crispum* as models.
- Documentation of **flavouring principles** in **16** aromatic plants found in Nigeria for the production of Aromatic Plant Pharmacopoeia.

iii) Herbal medicine development/ ethnopharmacology:

- Development of procedures for industrial processing of selected medicinal plants into consumable and marketable products such as include tablets, powders, decoctions, infusions in line with good manufacturing practice using appropriate equipments. This is aimed at making the products comparable with orthodox medicines and will make traditional medicine more relevant to the local communities in a developing country like Nigeria.
- Establishment of some potential **antidiabetic, antimicrobial, anti-trichomonal, insecticidal, anthelmintic, anti-anaemic, antimalarial, laxative** and **anti-inflammatory** plants.
- Development of database for **ethnobotanical** remedies for diabetes, hypertension, inflammation, hypertension and fevers in selected parts of Lagos, Ogun and Edo states.

In summary, my research works (**67 PUBLICATIONS**) have provided the scientific justification for the use of several plants in industry and ethnobotany as **flavouring** and **phytotherapy** agents. Also, rational tissue culture methods were developed for some of these plants in order to improve their potential for biotechnological exploitation in drug production.