

Appendix 1

SHORT PROFILE OF AREMU CHARITY ONYE (PH.D)

Charity Aremu is a professional university teacher and administrator, with over two (2) decades of quantifiable and successful experience in teaching, research and service impact. A professional teacher, born five decades ago, Charity rose through the ranks to become a professor and qualified university academia in Genetics and Plant Breeding as a crop improvement specialist who served and still serving in diverse university administrative platforms.

Charity has garnered and enhanced herself in university academic and administrative experiences through academic workshops, trainings, conferences, leadership appointments in the areas of Teaching and Human Resource Development, Management skills etc.

Charity received her educational trainings from the University of Agriculture, Abeokuta (Ph.D) and University of Ibadan, Nigeria for the first and second degrees (BSc. and MSc. Agriculture). She is widely published as an avid researcher. Her publications spans to a minimum of eighty (80) articles in Scopus, web of Science and other international publishing domain. In academic administration, Charity through privilege of service has held and still holds leadership positions such as Head of Department and College Dean spanning a minimum of three years on each. Currently, God beamed the light of favour on Charity and located her for the position of Chairperson University Academic board and the Acting Vice Chancellor of her home institution, Landmark University, Omu-Aran, Nigeria.

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Appendix 2

CURRICULUM VITAE (FULL): AREMU, CHARITY ONYE (PHD)

CAREER PHILOSOPHY

Academic Empowerment and Continuous Quest for Knowledge focused on Building Capacities and Driving New Frontiers towards Making Life Meaningful to All.

SECTION A: PERSONAL DATA

NAME	AREMU, Charity Onye (Nee Amanze)
DATE AND PLACE OF BIRTH	1 st August 1968
GENDER	Female
NATIONALITY	Nigerian
CONTACT ADDRESS	Department of Agriculture, Landmark University, Omu-Aran, Nigeria
TELEPHONE NUMBER	+234-803268-6950; +234-802-704-9701
E-MAIL	aremu.charity@lmu.edu.ng
ALTERNATIVE (official)	aremucharityonye@gmail.com
PRESENT POSITION	Ag. Vice-Chancellor, Landmark University, Omu-Aran, Nigeria

SECTION B: EDUCATIONAL HISTORY

1. Institutions Attended With Dates and Academic Qualifications

S/N	Institution	Degree	Year
1	University of Agriculture, Abeokuta	Ph.D	1999-2005
2	University of Ibadan	B.Agric (Upper Division) ; MSc	1988-1995
3	Abadina College, University of Ibadan, Ibadan	W.A.S.C.	1979-1984

2. Teaching Experience with Dates

S/N	Institution	Rank	Date
1	Landmark, University, Omu-Aran, Nigeria	Professor	March 2015-till date
2	Ladoke Akintola University of Technology	Professor	2011-2015
3	Ladoke Akintola University of Technology	Associate Professor	2008-2011
4	Ladoke Akintola University of Technology	Senior Lecturer	2005-2008
5	Ladoke Akintola University of Technology	Lecturer 1	2001-2005
6	Ladoke Akintola University of Technology	Lecturer II	1999-2001
7	Ladoke Akintola University of Technology	Assistant lecturer	1997-1999

3. Academic and administrative Position Held

S/N	Position	Year
Within Landmark University		
1.	Ag. Vice-Chancellor. Landmark University	Oct. - till date
1.	Chairperson, Staff and Faculty Disciplinary Committee (FSDC)	Feb. 2020- Oct. 2021
2.	Chairperson, University Academic Board	Oct. 2021 till date
3.	Chairperson, University Quality Assurance Sub-Committee	2020 till date
4.	Dean, School of Postgraduate Studies,	Aug. 2018 – till date
5.	Chairperson, Postgraduate Board, LMU	Aug. 2018 – till date
6.	Chairperson, Senate Business Committee	Sept. 2018-Oct.2021
7.	Chairperson, University Appointment and Promotion Committee	Oct. 2021- till daate
8.	Chairperson, Health Service Board	March, 2014 – Feb. 2019
9.	Member, LMU NTS promotion committee	Aug. 2019 – April 2021
10.	Dean, College of Agriculture	Aug.1 st 2016- July, 2018
11.	Pioneer Dean, School of Postgraduate Studies	Aug. 1 st 2015-July, 2016
12.	Member, University Impropriety Committee	Sept. 2016- Sept.2018
13.	Member, College Of Agriculture board of Studies	2015-till date

14.	Chair, Department of Crop and Soil Sciences, Curriculum Committee	2014-2016
15.	Member, University Ceremonial Committee	2012
Outside Landmark University (Ladoke Akintola Univ. of Technology, Ogbomosho, Nigeria)		
16.	Head, of Department of Crop Production and Soil Sciences	July 2012- Feb.2015
17.	Member University Senate	2007- Feb. 2015
18.	University Orator	April 2013- Feb.2015
19.	Chairperson, University Equipment Committee	July, 2012-Feb. 2015
20	Chairperson, University Disciplinary Committee (Staff)	July, 2011-Aug. 2013
	Member, University Search Committee(for Vice-Chancellor)	
21.	Chairperson, University ceremonials	July, 2010-July 2014
22.	Congregation Representative at senate	Aug. 2007-July, 2010
23	Chairperson, Student Orientation Committee	July 2006-Aug. 2010

4. Courses Taught

S/N	Undergraduate courses (2013-2021)
1	CPS 201: Crop Physiology, Taxonomy and Anatomy
2	CRPS 204: Agricultural Climatology
3	CPS 402: Agro climatology and Meteorology
4	CRP 302: Agricultural Genetics and Breeding
5	CPS 403: Crop Production Techniques

7	CPS 513: Principles of Seed Production Processing and Storage
8	CPS 504: Principles of Plant Breeding
	Postgraduate Courses (2013-2021)
9	CRS 719: Biometrical Genetics I
10	CRS 720: Biometrical Genetics II
11	CRP 827: Seed Production and storage Techniques
12	CRP 826: Advanced plant Breeding
13	UWC: Leadership I
14	UWC: Leadership and Communication Skill
15	Towards Total Graduate: Chancellor's project

5. SECTION C: SCHOLARSHIPS, GRANTS AND PRIZES

1. Cassava adding Value in Africa II (CAVAII) project. Landmark University. (₦5,000000.00) (April 2017-Feb. 2019) (Team co lead)
2. Agrarian Revolution in Africa (AGRA) (U.S.A); An International award body with a mandate on Revolution of Agriculture in Africa (12.5 Million naira grant), Ladoke Akintola University of Technology, Ogbomoso, Nigeria. **April 2013- 2016. (Team member)**
 - a. The Grant was to develop maize drought resistant varieties for Savanna Ecology.
 - b. Use on –farm approach to create trial and performance environment to facilitate farmers adoption technique.
 - c. Distribute such adaptable and drought resistant maize varieties to farmers.
3. Best Lecturer award (200-2002): Department of Agronomy, LAUTECH, Ogbomoso.

3. Rotaract club (2013): “Woman lecturer of Substance” Price.
4. National Association of Women Academics (2007) “Award of excellence”
5. Royal Dutch Shell Bp award (Netherlands) (1992): Best Graduating student - University of Ibadan, Ibadan
6. Raymod Zard Scholarship (1991); Best student 400L. Department of Agricultural Biology (now Department of Crop and Environmental Biology), University of Ibadan, Ibadan.
7. Raymond Zard award for the best Agriculture practical year student (1992)
8. Royal Dutch Shell Bp grant. Dutch Oil Company. Grant for the best student in Penultimate class to graduating class of the University of Ibadan, Ibadan. (1991-1992)

6. SECTION: PUBLICATIONS:

Published Articles

Journals and Book Chapter Articles

1. **Aremu Charity**; Omena Ojuederie; Adeniyi Olayanju; Ake Modupe; Obaniyi Kayode; Avwerosuo Erere; Okunlola Faith; Shittu Adebayo (2021). Agricultural Productivity: A Key Component of Inclusive Growth Towards Food Security. In: Babalola O.O. (Eds) Food Security and Safety. Springer, Cham. https://doi.org/10.1007/978-3-030-50672-8_11
2. Ojuederie O.B., Popoola J.O., **Aremu C.**, Babalola O.O. (2021) Harnessing the Hidden Treasures in African Yam Bean (*Sphenostylis stenocarpa*), an Underutilized Grain Legume with Food Security Potentials. In: Babalola O.O. (eds) Food Security and Safety. Springer, Cham. https://doi.org/10.1007/978-3-030-50672-8_1
3. Fakinle, B.S., Olalekan, A.P., Odekanle, E.L., Bakut, C.B., Ogundokun, R.O., Sonibare, J.A. and **Aremu, C.O.** (2021). Assessment of the contribution of hazardous Air pollutants from

- Nigeria's petroleum Refineries to Ambient Air Quality. Part 1. *Cogent Engineering*. 8: 1870792 DOI: 10.1080/23311916.2020.1870792.
4. Obaniyi K., Oluleye, F, Aremu, C., Abolusosro, S. Ige, S. (2021). Determination of Morphological Changes using Gamma Irradiation Technology on Capsicum Specie varieties. *Open Agriculture 2021; 6: 135-142*. <https://doi.org/10.1515/opag-2020-0177>.
 5. Sunday Ayodele Ige, Omolara Bello, Aremu, Charity, Abolusoro, Stephen (2021). Probing of the genetic components of seedling emergence traits as a selection indices and correlation with grain yield characteristics of some tropical maize varieties. *Open Agriculture 2021: 6: 223-229*. <http://doi.org/10.1515/opag.2020-0180>
 6. Aremu, Charity, Sunday Ige, Dolapo Ibirinde, Ibrahim, Raji, Stephen Abolusoro, Babatunde Ajiboye, Samuel Obaniyi, Aruna Adekiya, Abiola Asaleye (2020); Assessing yield stability in African Yam Bean (*Sphenostylis stenocarpa*) performance using year effect. *Open Agriculture, Volume 5, Issue 1, Pages 202–212, eISSN 2391-9531, DOI: <https://doi.org/10.1515/opag-2020-0020>*.
 7. Adeniji O.T. ,Tenebe A. ., Ishaka A. Jandong E. , Adamu J.T , Adekoya M. Zamzam M.A. and Aremu C.O. 2020. Phenotypic variability for horticultural and fruit quality attributes in plastic house grown tomato. *J. Hort. Sci. Vol. 15(2) : 136-146, 2020*
 8. Abolusosro, S., Ige, S., Aremu, C., Adebiyi, O.T., Obaniyi, K., Agbojo, D., Isuzu, N. (2020). Response of tomatoe (*Lycopersicum, lycopersicum*) cultivars to root knot nematode (*Meloidogyne incognita*) infection under organic manure application. *Research on Crop Vol. 21 (3) pg. 538-544 DOI: 10.31830/2348-7542.2020.085*
 9. Avwerosuo, E., Dahunsi, S. O., Abiodun, J., Charity, Aremu, & Stephen, A. (2020). A bibliometric analysis of fifteen years of biogas research trend between 2000-2015. *Test Engineering and Management*, 83, 11154–11164. ISSN: [01934120](https://doi.org/10.1080/01934120)

10. Erere Avwerousuo Joseph, Joseph Abiodun, Alori Elizabeth, Aremu, Chjarity, Abolusoro Stephen, Adekiya, Aruna, Obaniyi Kayode (2020). A review Trend on Sikatoka Disease from 1965-2018: Biblometric Approach. Turkish Journal of Computer and Mathematics Education Vol.12 No.12 3952-3965.
11. Abolusoro, S.A. Adekiya O. A., Aremu, C.O., Obaniyi S. (2020). Control of Root-Knot Nematode (*Meloidogyne incognita*) in Tomato (*Solanum lycopersicum*) Crop using Siam weed (*Chromolaena odoratum*) Compost manure. *Journal of Horticultural Research 2020, Vol. 28(1): 87-92 DOI: 10.2478/johr-20200008*
12. Ige, S., Bello, O., Aremu, C., Abolusoro, S. (2020). Estimation of Genetic variation, heritability and genetic advance for yield and agronomic traits correlation of some nitrogen tolerant maize (*Zea mays*) varieties in the tropics. *Research on Crops 21 (3) 595-603(2020) DOI: 31830/2348-7542.2020.093*
13. E. T. Alori, A. O. Adekiya, A. Joseph, C. O. Aremu, and K. A. Adegbite. (2020). Microbial mitigation of biotic stresses in Soybean (*glycin max*). In N.A. Mares an, S. Murugesan, K. Kumar and A. Sankarannarayanan (eds). Microbial mitigation of biotic stresses responses of Food Legume plants. CRC press, Taylor and Francis Group, Rock Rato N London, New York, 271-278.
14. Inegbedion, H.E., Inegbedion, E.E., Obadiaru, E.D., Ayeni, A., Aremu, C.O. (2020). Cassava attractiveness in Nigeria: A policy improvement approach. *Journal of Agribusiness in developing and emerging Economies*. <https://doi.org/10.1108/JADEE-05-2019-0068>
15. Alori Elizabeth, Aluko Ajibola, Joseph Abiodun, Adekiya Aruna, Aremu Charity, Adebiyi, Ojo, Adegbite, Kehinde, Ejue, Wutem, Rutahaza JoanPaula (2020). Trichoderma *Asperillum* affects *Meloidogyne incognita* infestation and development in *Celosia argentea*. *Open Agriculture*, 2020; 5: 778-784
16. Adekiya, A.O., Agbede, T.M., Ejue, W.S., Aboyeji, C. M., Dunsin, O., Aremu, C. O., Owolabi, , A.O. Ajiboye, B.O., Okunlola, O. F., Adesola O. O. (2020). Biochar, poultry

manure and NPK fertilizer: sole and combine application effects on soil properties and ginger (*Zingiber officinale* Roscoe) performance in a tropical Alfisol. *Open Agriculture*. 5: 30-39 <https://doi.org/10.1515/opag-2020-0004>

17. Fakinle, B.S., Adebayo, B.M., **Aremu, C.O.** and Sonibare, J.A. (2020). Toxicity potential of particulate in the airshed of a University Farm. *IOP Conf. Series*. 445: 012036. DOI10.1088/1755-1315/1/1012036.
18. Nayan, g., Takim, F., **Aremu, C.**, Okunlola, (2020). Effect of Maize sweet potato intercrop over sole cropping system on weed infestation. *IOP Conference Series: Earth and Environmental Science* (2020). 10.1088/1755-1315/445/1/012007
19. Oluyori Abimbola, Inyinbor Adejumoke, **Aremu, Charity**, Osemwegie omorefosa, Oluwafemi, Awolesi, Ogunnupebi, temitope (2020). Diseases Induced by Heavy Metal Exposure and their Ameliorative Phytochemicals: A review. *Tropical Journal of Natural Product Resaearch*. Vol. 4 (9)
20. Olayanju T., Dahunsi S., Okonkwo C. **Aremu, C.** Omole, D. Adekunle, N. Ola I., Asiru W. (2020). Coefficient of static friction of beniseed for mild steel, plywood, concrete and glass structural surfaces. *International Journal of Mechanical Engineering and Technology* (2019) 10(2) 369-375
21. **Aremu C.O.**, Olayanju T.A, Alhassan E.A., Adebisi O., Abolusoro S., Inegbedion H., Asaley A.J., Ademiluyi S. & Ake M. (2019). Predictive Analysis of the Effect of Tillage System on the Growth and Yield of Rice Plant under Lowland Plantation, *Journal of Engineering and Applied Sciences*, 14 (10): 3422 – 3429
22. **Aremu C.O.**, Ojuederie O.B., Ayo-Vaughan F., Dahunsi O., Adekiya A.O., Olayanju O., Adebisi O.T., Sunday I., Inegbedion H., Asaley A.J., Abolusoro S., Aboyeji C.M., Ajiboye B.O., & Obaniyi S. (2019). Morphometric analysis and characterization of the nutritional quality in African yam bean accessions. *Plant Physiology Rep.* <https://doi.org/10.1007/s40502-019-00472-w>

23. **Abolusosro, S., Ige, S., Bello O. Aremu, C.** (2019). Assessment of Genetic variation and Heritability of Seedling Emergence traits and the association with grain yield and characteristics of some tropical maize varieties representing breeding lines. *International journal of Agricultural Research and Food Production*. Vol. 4 (1) 21-31
24. **Aboyeji, C., Dunsin, O., Adekiya, A.O., Chinedum, C., Suleiman, K O., Okunlola, F O., Aremu, C O., Owolabi, I O., Olofintoye, T A. J.** (2019). Zinc sulphate and boron-based foliar fertilizer effect on growth, yield, minerals, and heavy metal composition of groundnut (*Arachis hypogaea* L) grown on an Alfisol *International Journal of Agronomy*, Article ID 5347870, 7 pages <https://doi.org/10.1155/2019/5347870>
25. **Aremu C., Abberton M., Adebiyi T., Asaleye A.J, Inegbedion H., Abolusoro S., Adekiya A., Aboyeji C. & Dunsin O** (2019). Selecting Yield and Nutritional Traits in *Sphenostylis stenocarpa* Landraces for Food Improvement. *Recent Patents on Food, Nutrition & Agriculture* (2019) 11(1) 69-81 DOI: [10.2174/2212798410666190307131047](https://doi.org/10.2174/2212798410666190307131047)
26. **Abolusosro, S. A., Aremu, C.O, , Ige, S.,Isuogu, N.B., Abolusoro, P.F., Obaniyi, K.S.** (2019). Control of Root-Knot Nematode of Egg plant using *Occimum gratissimum* compost. *Indian Journal of Nematology Vol. 48, No.2. 231-234.*
27. **Aboyeji, C. M., Adekiya, A.O., Dunsin, O., Adebiyi, O T. V., Aremu C O., Olofintoye, T A. J., Ajiboye B O., Owolabi I O.** (2019). Response of soil chemical properties, performance and quality of sweet potato (*Ipomoea Batatas* L.) to different levels of K fertilizer on a tropical Alfisol. *The Open Agriculture Journal* Volume 13: 58 -68
28. **Adekiya, A.O., Agbede, T.M., Ejue, W.S., Aboyeji, C. M., Dunsin, O., O., Adekanye, T.A. and Aremu, C.O.** (2019) Soil properties, okra performance and nutrient compositions as affected by tillage and maize cob ash. *J. Crop Sci. Biotech.* 22 (2): 113 -122. DOI No. 10.1007/s12892-019-0021-0

29. Adekiya, A.O., Aboyeji, C.M., Dunsin, O., Asamu, F.F., Owolabi, A.O., **Aremu, C.O.**, Oyetunji D.A., Oloye A.D. and Owolabi, I.O. (2019) Poultry manure addition affects production, plant nutritional status and heavy metals accumulation in green Amaranth (*Amaranthus hybridus*). *International Journal of Agriculture & Biology* 22 (5): 993-1000
30. Adekiya, A.O., Alori, E.T., Aboyeji, C.M., Dunsin, O., Adegbite, K.A., **Aremu, C.O.**, Bamiro, O., Ejue, S.W., Okunlola, F.O. and Adesola O.O. (2019). MgO fertilizer sole and combined with organic and inorganic fertilizers: effect on soil chemical properties, turmeric performance, and quality in a tropical Alfisol. *The Scientific World Journal* Volume 2019, Article ID 8140276, 8 pages <https://doi.org/10.1155/2019/8140276>
31. Asaleye A.J., Ogala A.F., **Aremu C.O.**, Ogala C.E., Lawal A.I., Inegbedion H. & Popoola O. (2019). Design and Implementation of Workers' Pension Verification System in Central Region of Nigeria, *International Journal of Mechanical Engineering and Technology*; 10(2); 127 – 136
32. Asaleye J.A., **Aremu C.**, Lawal A.I., Ogundipe A.A. Inegbedion H., Popoola O., Adewara S. & Obasaju O. B. (2019). Oil Price Shock and Macroeconomic Performance in Nigeria: Implication on Employment, *International Journal of Energy Economics and Policy*, 2019, 9(5), 451-457.
33. Ige S., **Aremu C.**, Abolusoro S., Bello O., Gbadamosi A. (2019). Genetic variation, heritability and genetic advance for yield and agronomic traits association of some low nitrogen tolerance maize varieties in the tropics. *International Journal of Civil Engineering and Technology* (2019) 10(2) 1206-1216
34. Okonkwo, U. C., Onokwai, A. O., Okeke, C. L., Osueke, C. O., Ezugwu, C. A., Diarah, R. S., & **Aremu, C. O.** (2019). Investigation of the effect of temperature on the rate of drying moisture and cyanide contents of cassava chips using oven drying process. *International Journal of Mechanical Engineering and Technology*, 10(1), 1507–1520.
35. **Aremu C.O.**, Alhassan E.A, Asaleye A.J, Alori E., Ige S. and Nayan G. (2018). Effect of Varietal and Tillage Methods on Agronomic and Yield Characters of Rice (ORYLA

SATIVA L) International Journal of Civil Engineering and Technology (IJCIET), 9(13): 590 – 600

36. Musibau A. Azeez, **C. O. Aremu**, Oyinkansola O. Olaniya (2013). Assessment of genetic variation in accessions of sesame (*Sesamum indicum* L.) and its crosses by seed protein electrophoresis. *Journal of Agroalimentary Processes and Technologies* , 19 (4), 383-391

37. Adewale B., Daniel A., **Aremu C. Onye** (2013). The nutritional potentials and possibilities in African yam bean for Africans. *International Journal of Agricultural Science Vol. 3(1): 8-19*.

38. Ibirinde, D.O. and **Aremu, C.O.** (2013). Trait Variability studies on African Yam bean (*Sphenostylis stenocarpa*) grown in the guinea savannah zone of southwestern Nigeria. *International Journal of Advanced Biological Research 3 (3). 422-427*

39. **Aremu, C.O.** and Adewale, D.B. (2012). Origin and seed positional effect on sex ratio of *Telfairia occidentalis* Hook. F. grown in savanna agro-ecology. *International journal of Plant Breeding and Genetics 6 (1), 32-39*.

40. Adewale B. D., **Aremu C. O.** and Amazue U. E. (2012). Intra-specific variability and diversity analysis of african yam bean seed size parameters. *ARPJN Journal of Agriculture and Biological Science vol. 7 (6), 1990 -1641*.

41. **C. O. Aremu** and Ibirinde, D.O. 2012. Bio-diversity Studies on accessions of African Yam Bean (*Sphenostylis stenocarpa*) *International Journal of Agricultural Research 7 (2) 78-85*

42. Adewale B. D., **Aremu C. O.** and Amazue U. E. (2012). Intra-specific variability and diversity analysis of african yam bean seed size parameters. *ARPJN Journal of Agriculture and Biological Science vol. 7 (6), 1990 -1641*.

43. Adewale, B.D., Adeigbe, O.O., and Aremu, C.O. (2011). Genetic distance and Diversity among some cowpea (*Vigna unguiculata* L. walp) Genotypes. *International journal of Research in plant Science* 1 (2) 9-14.
44. Aremu, C.O., Akanbi, W.B. and Adewale, B.D. (2011). Associated variations in sexuality and vegetative trait growth of *Telfairia occidentalis* using organo-mineral fertilizer regimes. *Annals of Biological Research* 2 (3). 271- 279
45. Aremu, C.O. (2011). Exploring Statistical Tools in Measuring Genetic Diversity for Crop Improvement, Genetic. Diversity in Plants, Prof. Mahmut Caliskan (Ed.), ISBN: 978-953-51-0185-7, InTech, Available from: <http://www.intechopen.com/books/genetic-diversity-in-plants/exploring-statistical-tools-in-measuring-geneticdiversity-for-crop-improvement> *Web of Science*
46. Aremu, C.O. and Adewale, B.D. (2011). Morpho-Genetics of a landrace cross of Cowpea for humid environment performance. *International journal of Agricultural and Food Science* (2) 47-51.
47. Aremu, C.O. (2011). Trait Response to Early-Generatiion Selection using a common parent in two crosses of Cowpea *Vigna unguiculat* for humid environment performance. *Advances in Applied Science Research* 2 (6) 155-160.
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50. C. O. Aremu and Adewale, B.D.(2010). Heterosis and Phenolic performance in a selected cross of Cowpea for humid environment performance. *Agricultural journal*, 5(5). 292-296.

51. Adewale, B.D, O.B. Kehinde, and C.O. Aremu, J.O. Popoola and D.J. Dumet. (2010). Seed metrics for genetic and shape determinations in African yam bean. (*Stephinostylis stenocarpa* Hochst. Ex. A. Rich.). *African journal of Plant Science* 4 (4) 107-115.
52. Aremu, C. O., M. A. Adebayo and Adeniji, O. T. (2008): Seasonal Performance of Cowpea *Vigna unguiculata* in humid Tropics using GGE Biplot analysis. *World Journal of Biological Research*. 1 (1).8-13
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54. Aremu, C.O., Ariyo, O..J. and Adewale, B. D. (2007): Assessment of Selection techniques in genotype x environment interaction in Cowpea *Vigna unguiculata*(L) Walp. *African Journal of Agricultural Research* 2 (8) 352–355. *Web of Science*
55. Adeniji, O. T., & Aremu, C. O. (2007). Interrelationships among characters and path analysis for pod yield components in West African okra (*Abelmoschus caillei* (A. Chev) Stevels). *Journal of Agronomy*, 6(1), 162–166. <https://doi.org/10.3923/ja.2007.162.166>.
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57. Aremu, C.O. Ojo D.K., Oduwaye, O.A and Amira, J. O. (2006). Comparison of Joint Regression Analysis (JRA) and Additive Main effect and Multiplicative interaction Model in the study of G x E interaction in Soybean across two Agro-ecological zones. *Nig. Journal of Genetics*: 20: 98-110

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59. **Aremu, C.O.**, K.A. Okeleye and Ariyo, O.J. (2005). On farm evaluation of interspecific rice hybrids for stable performance in fertilizer and no fertilizer environments. *Nigeria Journal of Genetics: 19.34-42* (Nigeria)
60. **Adebayo, M.A.** and **Aremu, C.O.** (2005). Variability pattern within 65 Accessions of African Wild vigna, *Vigna–Ambacensis* Bakar. *Nigerian J. Genet. 19, 1-8* (Nigeria)
61. **Aremu, C. O.** and Ojo, D. K. (2005). Genotype x environment interaction and selection for yield and related traits in soybean. *Moor Journal of Agricultural Research Vol. 6 (2) 81 – 86*
62. **Aremu C.O.**, Owolade, O.F. and Adeniran, M.O. (2003). Combining Ability of field resistance in cassava (*Manihot esculenta* crant) to the cassava Anthracnose disease in Nigeria. *Science Focus. 2 65-69*
63. **Aremu, C.O.**, Fawole, I and Azeez, M. A. (2003). Genetic analysis of branching traits and inheritance pattern in a cross of branching and non-branching cowpea (*Vigna unguiculata* (L.) walp). *Nigerian Journal of Genetics. 18: 44-48.* (Nigeria)
64. **Aremu, C.O.**, (2003). Evaluation of soybean varieties for GxE interaction in fifteen environments. *Science Focus 4: 41-44.* (Nigeria)
65. **Aremu C.O.** Adeniran, M.O. and Ojo D.K. (2002). Stability performance of short duration cowpea (*Vigna unguiculata* (L) walp) genotypes in humid and savanna environments. *Science Focus. 1: 42- 46.* Ngeria)
66. **Adetunji I.A.** and **Amanze, C.O.** (2001). Intercropping sunflower with local varieties of Cassava in moist savanna site of Nigeria. *African Journal of Root and Tuber Crops. Vol.4 (2). 26-31 Web of Science*

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(6b). Accepted Article

68. Aremu, Charity, O. Ojuederie, A.T. Olayanju, M. Ake, K. Obaniyi A. Erere, F. Okunlola . A. Shittu: Agricultural productivity: A key component of inclusive growth towards food security. Springer journals.

(6c). Contribution to Book Chapters

69. Aremu, C.O. 2011. Exploring Statistical tools in measuring Genetic Diversity for Crop Improvement. In Crop Genetic Diversity. In Tech books (Open Access) Edited by Mahmut Çalışkan, ISBN 978-953-51-0185-7, pp 339-349. Web of Science

70. Adetunji, I.A., Olaniyi, J.O., Aremu, C.O., Kolawole, G.O., Ajibola, A.T. and Alamu, L.O. 2008. Climate and Agriculture: A Practical Approach. Chapter 10. Ola-Printers, Idi-Oro; Ogbomoso, pp.31- 84. ISBN978-2508-44-7

71. Olabode, O.S., Akanbi, W.B, Aremu, C.O., Olaniyi, J.O. 2008. Crop Production Techniques. Chapter 16. Ola- Printers, Idi-Oro; Ogbomoso, pp.. 85-92. ISBN978-2508-44-7

(6d) Thesis/Dissertations:

72. Aremu, C.O. 2005: Diversity, selection and Genotype x Environment interaction in Cowpea *Vigna unguiculata* (L) Walp. Ph.D thesis, University of Agriculture, Abeokuta, Nigeria

73. Amanze, C.O 1995: Analytical Study of Character Variation in Some Cowpea Lines (*Vigna unguiculata*). Project submitted in partial fulfillment of M.Sc (Crop improvement) degree, University of Ibadan

74. Amanze, C.O 1992: The yield and yield components of eight cowpea lines from nationally coordinated cowpea trials. Project report submitted in partial fulfillment of B.Sc. (Agricultural Biology) degree, University of Ibadan

(6e) Monographs

75. Olaniyi, J. O, Kolawole, G.O., Aremu, C.O., Ajibola, A.T and Babajide, P.T 2007: Climate and Agriculture. 74pp. Iyanda bindery and printing works, Ogbomoso. Ogbomoso. (ISBN 978-311-770-130)

76. Aremu, C.O. 2007: Genetics and introductory Plant Breeding Techniques. 88p LAUTECH Press, Ogbomoso (ISBN 978-37193-1-9)

77. Adetunji, I.A Olaniyi, J.O Aremu, C.O and Kolawole, G.O 2005: Agro-climatology. 75pp Ogunniyi printing works, 3 Nitel Road Takie, (ISBN 978-245-456-7)

78. Aremu, C.O 2004: Basic steps and Techniques in Genetics and introductory Plant Breeding. 38pp. Ola printers, Ogbomoso

79. Adeniran M.O and Amanze C.O 2000: Laboratory manual on Introductory Genetics. 31pp. Ogunniyi printing works, Ogbomoso.

7. CONFERENCES AND SEMINARS ATTENDED WITH DATES

80. Aremu, C.O; Igbolekwu, Chisaa, Olayanju, T. Ake, M.; Adekiya, A.; asaleye, A.: Government Intervention and Conservation Agriculture in Sub-saharan African Countries. Paper presented at 4th International Conference on Global Food Security. France (Online Presentation). 4th, 7th – 9th December, 2020.

- 81.** Aremu, C.O.; Ige, S., Raji, I. A.; Ibirinde, O. Enhancing Agricultural Productivity using Quality Input for Food Security. Annual Conference of Genetics Society Nigeria, 12-15th Sept. 2019. Held at University of Lagos, Nigeria.
- 82.** Aremu, C.O.; Adesokan .; Diekade, V.; Ige, S., Gbadamosi, A.; Ibirinde, O.; Oluyori, A. Adebisi, O. 2018: Variations in yield traits and nutritional qualities, of white turmeric (*Curcuma zedoaria* rhizome sizes grown in guinea savanna ecology). Annual Conference of Genetics society of Nigeria, 9th -13th Nov. 2018. Held at Nigerian Defence Academy, Kaduna.
- 83.** Aremu, C.O. 2016: The place of underutilized grain legumes in food security challenges: A special workshop organized by grain legume Society at International Institute of Tropical Agriculture Ibadan, Nigeria. Nov. 2016.
- 84.** Aremu, C.O. and Adewale, D.B. 2010: Genetic trait inheritance in a landrace crosses of cowpea. 44th Annual Conference of Agricultural Society of Nigeria 18th -22nd Oct. 2010. Pp954-956
- 85.** Aremu, C.O. and Adewale, D.B. 2010: Effect of origin and seed position on sex ratio of fluted pumpkin grown in savanna agro-ecology. 44th Annual Conference of Agricultural Society of Nigeria 18th -22nd Oct. 2010 pp 628 -630.
- 86.** Adeniji, D.T. and Aremu, C.O. 2008: Genetic diversity in West African okro (*Abelmoscus caillei*). *21st annual Conference of Biotechnology society of Nigeria. 16th -19th July 2008. University of Agriculture, Abeokuta, Nigeria.*
- 87.** Adebayo, M.A. and Aremu, C.O. 2005: Variations within 65 accessions of African wild Vigna. *29th Annual Conference of the Genetics society of Nigeria. 11th-14th October 2004. University of Agriculture, Abeokuta, Nigeria. pp.97-99*

- 88.** Ariyo, O.J., K.A. Okeleye and Aremu, C. O.2004: On-farm evaluation of inter-specific rice genotypes for stability performance in fertilizer and no fertilizer environments. *29th Annual Conference of the Genetics Society of Nigeria.11th-14th October 2004. University of Agriculture, Abeokuta, Nigeria. pp.97-99.*

8. SECTION D: GRADUATE STUDY SUPERVISION AND EXAMINATION ACROSS NIGERIAN UNIVERSITIES (2011-2021)

Degree	Number of Students	Status	Year
Bachelors (B.Sc)	321	Completed	1998-till date
Masters (MSc.)	199	Completed	2005-2015
Doctorate (PhD)	31	Completed	2007-2016
Masters (MSc) and Ph.D	1 each	ongoing	2020 till date

9. SECTION E: ACADEMIC AND INDUSTRY LINKAGES

1. Alliance for Green Revolution for Africa (AGRA), United Kingdom
2. Cassava Adding Value for Africa (CAVA), Africa
3. International Institute of Tropical Agriculture (IITA), Ibadan, Nigeria
4. Nigerian Institute for Oil Palm Research (NIFOR), Benin, Nigeria
5. National Centre for Agricultural Mechanization (NCAM), Ilorin, Nigeria
6. Federal Institute of Industrial Research, Oshodi, Nigeria
7. Hybrid Feeds, Abuja, Nigeria

10. SECTION E: SKILLS

a. SOFT SKILLS

- Verbal and written communication
- Teamwork
- Leadership
- Time and Resource Management
- Flexibility

- Patience

b. Hard Skills

- Proficiency in Microsoft word,
- Excel sheet,
- Power point
- Adobe Creative Cloud
- Open Data analysis and interpretation

11. INVITED REVIEWER/ EDITORIAL BOARD MEMBER

- Reviewer, Archives of Agronomy Journal, Taylor and Francis
- Academic Journals
- Asian Journal of Agricultural Sciences, Asia
- International Journal of Environment and Climate Change, United Kingdom

11. Appointment by external Bodies

1. Member, Accreditation: National University Commission, Abuja, Nigeria. 2019 till date
2. External Examiner: Federal University of Agriculture, Abeokuta, Nigeria. 2015 till date.

3. **External examiner:** University of Ilorin, Ilorin, Nigeria. 2016 till date

4. **External Examiner:** Ekiti State University, Ekiti State, Nigeria. 2015; 2017 and 2021

12. MEMBERSHIP OF PROFESSIONAL BODIES:

- a) **Member,** Genetics Society of Nigeria (GSN)
- b) **Member,** Agricultural Society of Nigeria (ASN)
- c) **Member,** Biotechnology Society of Nigeria
- d) **Member,** Organic Agriculture International
- e) **Member,** African Root and Tuber crop society
- f) **Member,** International Plant Breeding Society, (HQ, Ghana)

13. SECTION F: EXTRA-CURRICULAR ACTIVITIES

- i. Farming
- ii. Adventure (Daring)
- iii. Organising events and Singing
- iv. Reading
- v. Caring
- vi. Travelling

14. SECTION G: NAMES AND ADDRESS OF REFEREES

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