

PERSONAL DATA

Full Name and Current Mailing Address	<p>Baiyeri, Paul Kayode (Ph.D) Dept. of Crop Science, University of Nigeria, Nsukka, Nigeria</p> <p>Mobile phone: +234 803 928 1834 +234 805 976 2466 +234 817 877 2491</p> <p>E-MAIL: paul.baiyeri@unn.edu.ng</p>
Current Rank	Professor [Effective October 1, 2005]
Previous/Current Positions	<p>[1] Visiting Scientist [Crop management specialist], International Institute of Tropical Agriculture, Nigeria, 2006 - 2007; [2] Head, Dept. of Crop Science, Aug. 2008 – July 2010, UNN [3] Associate Dean, Fac. of Agric. Aug. 2008 – July 2010, UNN [4] Dean, Fac. of Agriculture, August 2010 – July 2012, UNN [5] Head, Dept. of Crop Science, Aug. 2013 – July 2014, UNN [6] Chairman, Board of School of General Studies, March 2015-July 30, 2016, UNN</p>
Marital Status	Married
Nationality	Nigerian

EDUCATIONAL INSTITUTIONS ATTENDED AND QUALIFICATIONS OBTAINED

Degree Title	University and Year obtained	Research Emphasis	Thesis title
Ph.D. Crop Science	University of Nigeria; 1998	Germplasm evaluation (Estimating G x E interaction and its implication on yield stability and crop adaptation)	Evaluation of growth, yield and yield components of 36 Musa genotypes under four different environments
MSc. Crop Science	University of Nigeria; 1992	Agrophysiology of Tropical Fruits	Effects of modes of application and different levels of Urea-nitrogen fertilizer on growth and yield of False-horn plantain (Musa sp. AAB) in a sub-humid zone of Nigeria
B. Agric.	University of Nigeria; 1988	Horticulture	Establishment ability of plantain suckers raised by six cultural methods

MEMBERSHIP OF PROFESSIONAL BODIES

S/No.	Body	Membership	Date Joined
1.	Horticultural Society of Nigeria	Member	1990
2.	International Biometrics Society	Member	1996
3.	International Society for Horticultural Science	Member	1996
4.	Weed Science Society of Nigeria	Member	1999
5.	African Crop Science Society	Member	2001
6.	PROMUSA-A global program for <i>Musa</i> improvement	Member	2004
7.	The Organic Agriculture Project in Tertiary Institutions in Nigeria	Member	2005
8.	Crop Science Society of Nigeria	Founding/Council member	2013

PROFESSIONAL CAREER OBJECTIVE

A distinguished Crop Scientist with a commitment to proffering environmentally friendly, economically viable, and sustainable solutions to problem of low crop yield in tropical agriculture

PROFESSIONAL SKILLS AND RESEARCH INTEREST

1. Germplasm enhancement: agronomic evaluation and biochemical characterization of food crops, semi-wild indigenous medicinal plants;
2. Appropriate yield estimation of new crop cultivar based on utility;
3. Agronomic stress physiology - water and nutrient stresses;
4. Multilocational yield trials and the consequence of genotype x environment interaction on selection for adaptation and reliability
5. Physiological basis of yield variation
6. Pathways to yield stability and reliability
7. Soil-Plant interaction and its consequence on product quality
8. Sustainable system intensification
9. Studies of storage and processing methods on product quality

CAREER ACCOMPLISHMENT

- Several years of research collaboration on crop evaluation with International Institute of Tropical Agriculture (IITA) and National Root Crops Research Institute, Umudike
- Multidisciplinary and multicultural research skills
- Successful supervision of several B. Agric. research projects, M.Sc. dissertation and Ph.D. thesis. Teaches graduate students computer application to agricultural data analysis and result interpretation. Currently supervising several other M.Sc. and Ph.D. candidates in various aspect of crop science.
- More than 150 scientific publications in peer-reviewed National and International journals of repute.
- International and national crop variety yield trials leading to successful selection of stable and high yielding genotypes for specific and broad adaptation, e.g. yellow roots cassava varieties recently released in Nigeria

**SOME NOTABLE ACCOMPLISHMENT AS DEAN, FACULTY OF AGRICULTURE
(AUGUST 2010 – JULY 2012)**

- Peaceful co-existence among academic, non-academic and students of the Faculty;
- All staff were promoted as at when due;
- Restoration of monthly academic seminar series;
- Mentoring of junior academics;
- Publication of two academic text books (Critical Issues in Agricultural adaptation to climate change in Nigeria, and Research Output in Fac. of Agriculture)
- Raised fund and purchased a brand new 14-seater bus for the Faculty.

PROFESSIONAL SERVICES TO OTHER UNIVERSITIES

- External Assessor (for professorial promotion) to Federal University of Technology, Owerri, Imo State, Nigeria;
- External Assessor (for professorial promotion) to Ahmadu Bello University, Zaria, Nigeria;
- External Assessor (for professorial promotion) to Michael Okpara University of Agriculture, Umudike, Abia State, Nigeria;
- External Assessor (for professorial promotion) to Rivers State University of Science and Technology, Port Harcourt, Rivers State, Nigeria;
- External Assessor (for professorial promotion) to Ebonyi State University, Abakaliki, Nigeria
- External Assessor (for professorial promotion) to University of Ghana, Accra

- External Assessor (for professorial promotion) to Federal University of Agriculture, Abeokuta
- External Assessor (for professorial promotion) to University of Calabar, Calabar
- External Assessor (for professorial promotion) to Cross River University of Technology, Calabar
- External Assessor (for professorial chair in Agronomy) to University of Agriculture, Makurdi, Benue State, Nigeria
- External examiner for undergraduate (2005 – 2007) and M.Sc. thesis examination, Michael Okpara University of Agriculture, Umudike, Abia State, Nigeria (2010-2014)
- External examiner for Ph.D. thesis, Federal University of Technology, Owerri, Imo State, Nigeria, (2010, 2015); External examiner for first degree, dept. of Crop Science and Technology (2012 – 2014)
- External examiner for Ph.D. thesis, Federal University of Agriculture, Abeokuta, Ogun State, Nigeria, (2014).
- External examiner for first-degree project, College of Agronomy, University of Agriculture, Makurdi, Benue State, Nigeria, (2012 - 2014).
- External examiner for first degree project, Department of Crop Production and Landscape Management, Ebonyi State University, Abakaliki, Nigeria
- External examiner for MSc. Thesis, College of Agronomy, University of Agriculture, Makurdi, Benue State, Nigeria, (2018).
- External Assessor (for professorial promotion), College of Agronomy, University of Agriculture, Makurdi, Benue State, Nigeria, (2018).
- External examiner for first degree project, Department of Crop Science and Horticulture, Nnamdi Azikwe University, Awka, Nigeria

SERVICES TO INTERNATIONAL COMMUNITY

- Board Member, African Network for Agriculture, Agroforestry and Natural Resources Education (ANAFE);
- Vice-Chairman, African Humid Tropics-Regional Agricultural Forum for Training of ANAFE
- Resource person, 2017 training workshop for the graduate students of International Institute of Tropical Agriculture, Ibadan, Nigeria

COMMUNITY SERVICE AT UNIVERSITY OF NIGERIA, NSUKKA

- More than 25 years of children and youth mentoring, Christ Church Chapel, UNN
- More than 20 years of mentoring several undergraduate and postgraduate students groups
- Christ Church Chapel Council/Christ Church Chapel Sunday School Superintendent, 2004 - 2005

UNIVERSITY COMMITTEES

- Member, University of Nigeria Senate, 2008 – date
- Member, University Appraisal Committee (UAC), 2010 – 2014, 2017 -
- Member, University of Nigeria Appraisal and Promotion (A&P)
- Member, University of Nigeria, Staff School Board (2012 – 2014)
- Board Chairman, School of General Studies, UNN
- Member, NUGA Technical sub-committee on ICT

University Non-standing committees

- Member, UAC Ad-Hoc Committee on acceptable impact factor journals for UNN
- Chairman, Committee of investigation into the alleged case of fraudulent act in the admissions unit of the registry,
- Chairman, Committee of investigation into the alleged cases of relegation of duties or otherwise of three staff of Security department, UNN
- Chairman, Committee of investigation into the alleged cases of corruption and other vices in the Department of Political Science, UNN

National and International Prizes or Awards

- 1: Winner, Vice-Chancellor's Research Leadership Award, University of Nigeria, Nsukka, Nigeria, 2014/2015 academic year.
- 2: Best Postal Presentation (Postharvest group), International Banana Congress, Penang, Malaysia, 2004.
- 3: Vice-Chancellor University Research Prize, University of Nigeria, Nsukka, Nigeria, awarded 1999.

- 4: Vice-Chancellor Faculty Research Prize, University of Nigeria, Nsukka, awarded 1999.
- 5: Graduate Research Fellowship, International Institute of Tropical Agriculture for the Pursuit of Ph.D., 1996.
- 6: Studentship Award in a University of Nigeria Nsukka and Catholic University of Louvain Linkage Research for M.Sc. Research. A European Economic Community Sponsored Project, 1990.

RECENT INTERNATIONAL WORKSHOPS PARTICIPATION

- AHT Regional Agricultural Forum for Training (AHT-RAFT) Focal Institution Launching Workshop at the University of Ghana: 21st – 22nd October 2010, organized by ANAFE (African Network for Agriculture, Agroforestry, and Natural Resources Education)
- Experiential Learning Survey Validation Workshop – Bamako, Mali 20th - 21st May 2011, organized by ANAFE
- SASACID Training workshop on Results Based Management-Niamey, Nov 29 – Dec. 1 2012, organized by ANAFE
- Global Musa Priority Setting Workshop, Kampala, Uganda, 8 - 11 April 2013, coordinated by BIOVERSITY International
- Agri-Business Fair, Linking University Research to Industry organized by ANAFE (African Network for Agriculture, Agroforestry, and Natural Resources Education), Nairobi Kenya, Oct. 10 – 12, 2013;
- Global Musa Pre-proposal writing Workshop, Douala Cameroun, Oct. 27 – 31.
- ANAFE's African Humid Tropics Regional Agricultural Forum for Training (AHT-RAFT) Meeting, University Nangui Abroguia, Abidjan, Côte d'Ivoire, 7 December 2013
- ANAFE Training Workshop on Collaborative Writing of Contextualized Textbooks for Higher Learning of Agricultural Risk Management and Agribusiness in Africa, 9 – 13 December, 2013 at the University of Houphouet Boigny, in Abidjan, Cote d'Ivoire.
- ANAFE Workshop on end of SASACID Project: Results from different African Countries and future outlook, Nairobi, Kenya, Nov 29 – Dec. 1 2015, organized by ANAFE
- All Africa Horticultural Congress, 7 – 12, August 2016, IITA, Ibadan, Nigeria
- ANAFE – ACT Workshop for developing a curriculum for Conservation Agriculture

in Africa, December 4 – 6, 2017, at ICRAF Campus, Nairobi, Kenya

UNIVERSITY TEACHING EXPERIENCE

Over 25 years of teaching university courses

COURSES TAUGHT

Undergraduate	Postgraduate
Experimental design	Tropical Fruits
Agric statistics & data processing	Plantation Crops
Permanent Crop Production	Post harvest physiology
Principles of Crop Production	Design of Experiment
Crop Physiology	Computerized data analyses

COMPLETED POSTGRADUATE SUPERVISION [Ph.D. & MSc.]

S/N	Name of Candidate	Registration Number	Year of Graduation	Title of Dissertation/Thesis
Ph.D.				
1	Ugese, Felix D.	PG/Ph.D/04/35550	2009	Characterization and propagation of the Nigerian Shea butter tree (<i>Vitellaria paradoxa</i> C. F. Gaertn) species
2	Agahiu, Attai Emmanuel	PG/Ph.D/05/39612	2012	Evaluation of weed management strategies in cassava (<i>Manihot esculenta</i> Crantz syn <i>Manihot utilisima</i> Pohl) production in Kogi State
3	Ezeaku, Innocent Ezeorah	PG/Ph.D/08/49869	2013	Productivity of grain cowpea (<i>Vigna unguiculata</i> (L) Walp) as influenced by season, genotype, Insect pest Management and cropping system in southeastern Nigeria

4	Ahmed, Mathew	PG/Ph.D/09/50712	2013	Evaluation of the productivity of two sugarcane (<i>Saccharum officinarum</i> L.) varieties as influenced by mulching, K-fertilization and irrigation interval
5	Ortese, Emmanuel	PG/Ph.D/08/48804	2014	Studies on orchard management and aspects of agronomic intervention to sweet orange <i>Citrus sinensis</i> production in Benue State, Nigeria
6	Chinwe Gloria Stevens	PG/Ph.D/10/52651	2014	Agronomic evaluation and biochemical characterization of twenty accessions of <i>Moringa oleifera</i> Lam. (Family Moringaceae) in Nsukka Agro-Ecology
7	Aba, Simon Chinekenwa	PG/Ph.D/09/51823	2016	Evaluation of growth, moisture stress tolerance, yield and fruit nutritional qualities of four plantain (<i>Musa</i> AAB & AAAB) genotypes under different nutrient management systems
8	Yusuf Amina Mamudu	PG/Ph.D/09/51823	2017	Evaluation of trap crops and integrated <i>Striga</i> management in the control of witch weed (<i>Striga hermonthica</i> (Del.) Benth) in sorghum (<i>Sorghum bicolor</i> L. Moench)
9	Ani, Joy Uzoma	PG/Ph.D/10/57219	2018	Horticultural and biochemical studies on eight accessions of African Basil (<i>Ocimum gratissimum</i> Linn.) in Nsukka Agro-ecology.
10	Ndukwe, Okorie Okoro	PG/Ph.D/11/58369	2018	Evaluation of some horticultural practices and biochemical characterization of two genotypes of yellow Passion fruits (<i>Passiflora flavicarpa</i> , Degener) in response to poultry manure application.
		M.Sc.		
1	Ani, Joy	PG/M.Sc/03/34616	2007	The effect of poultry manure rates on the growth, yield and postharvest qualities of yellow passion fruit (<i>Passiflora edulis</i> var <i>Flavicarpa</i>)
2	Ortese, Emmanuel	PG/M.Sc/03/34116	2007	Evaluation of genotypic differences in nutrient removal and moisture stress tolerance in <i>Musa</i> species
3	Igili, Daniel		2008	Genetic Progress in Breeding for Black Sigatoka Resistance and Agronomic performance in Diploid Bananas
4	Ezeaku, Innocent Ezeorah	PG/M.Sc/05/40402	2008	Variations in yield and yield components of fourteen cowpea genotype grown at four locations in south eastern Nigeria agro-ecology
5	Aindigh, F. D.	PG/M.Sc/04/35463	2009	Effect of six weed management techniques on weed control and growth and yield on plantain (<i>Musa</i> sp. AAB cv <i>Agbagba</i>) in Nsukka

6	Aba, Simon Chinekenwa	PG/M.Sc/05/40202	2009	Enhancing fruit filling of 'PITA 24' and 'Mbi-Egome' plantains (<i>Musa</i> sp. AAB group) through manuring and bunch pruning management.
7	Edibo, Gabriel Ojodale	PG/M.Sc/03/34445	2010	Evaluation of growth, Yield and post harvest qualities of twelve cassava (<i>Manihot esculenta</i> Crantz) genotypes in Nsukka, Nigeria
8	Ndukwe, Okorie Okoro	MOUAU/M.Sc/06/997	2010	Responses of selected Plantain genotypes to organic and inorganic fertilizers
9	Agbo, Emmanuel Anene	PG/M.Sc/08/50228	2011	Horticultural Characterization of five Accessions of African walnut (<i>Plukentia cocphorum</i> Muell Arg.)
10	Ede, Amos Ejike	PG/M.Sc/09/51161	2014	Pot and field trials of three accessions of <i>Moringa oleifera</i> Lam as influenced by poultry manure application
11	Udeonyia, Oliver Aniedo	PG/M.Sc/06/40837	2014	Physiochemical properties and juvenile phenology of African walnut (<i>Plukentia cocphorum</i> Muell Arg.) accessions from south eastern Nigeria
12	Nwankwo, Vincent Uchenna	PG/M.Sc/09/52077	2014	Effects of Poultry manure on the nutritional values of leaves of three accessions of <i>Moringa oleifera</i> Lam
12	Nwankwo, Vincent Uchenna	PG/M.Sc/09/52077	2014	Effects of Poultry manure on the nutritional values of leaves of three accessions of <i>Moringa oleifera</i> Lam
13	Olajide, Kolawole	PG/M.Sc/12/61781	2015	Agronomic evaluation of 12 pawpaw accessions grown under three manure rates in derived savanna agro-ecology
14	Dominic Ima-Obong Ignatius	PG/M.Sc/13/65065	2015	Growth and yield responses of Green pepper (<i>Capsicum annum</i> L.) to manure rates under field and high tunnel conditions
15	Nnedu, Michael Nweke	PG/M.Sc/11/61280	2016	Effects of four nursery media on juvenile growth and development of four Cashew (<i>Anacardium occidentale</i> L.) accessions

DETAILS OF ACADEMIC PUBLICATIONS

Journal Articles

1. **Baiyeri, K. P.**; F. C. Egbufor and T.O.C. Ndubizu. 1994. Evaluation of sucker production techniques in false horn plantain (*Musa* AAB). *Nigerian Journal of Horticultural Science* 2 (2): 41 – 43.
2. [Baiyeri, K. P. and B. N. Mbah, 1994. Growth and yield correlation in false horn plantain \(*Musa* AAB cv. Agbagba\) in a sub-humid zone of Nigeria. *MusAfrica* 5: 3 – 4.](#)

3. **Baiyeri, K. P.** and T.O.C. Ndubizu, 1994. Variability in growth and field establishment of Falsehorn plantain suckers raised by six cultural methods. *MusAfrica* 4: 1 – 3.
4. **Baiyeri, K. P.** and R. Ortiz 1995. Path analysis of yield in dessert bananas. *MusAfrica* 8: 3 – 5.
5. [**Baiyeri, K. P.** 1996. Water stress effects on plantain \(*Musa* sp. AAB\) suckers grown under varying nitrogen and watering regime. *African Crop Science Journal* 4\(2\) 159 – 166.](#)
6. **Baiyeri, K. P.** 1997. Upgrading inferior plantain propagules using factorial combinations of nitrogen rates and watering intervals. *Applied Tropical Agriculture* 2(1): 1 – 7.
7. Ajayi, A. R. and **K. P. Baiyeri**, 1997. Socio-economic characteristics and production constraints of *Musa* producers in sub-humid zone of Nigeria. *Applied Tropical Agriculture*. 2(2): 102 – 109.
8. **Baiyeri, K. P.** 1998. Variability in bunch quality characteristics of false horn plantain (*Musa* sp. AAB cv. Agbagba) during peak harvest months in a sub-humid zone of southeastern Nigeria. *Journal of Agric. Tech. and Education*. 3(1&2) 39 – 46.
9. **Baiyeri, K. P.** 1998. Cocoyam production in an agroforestry system: The case of derived Savanna belt of eastern Nigeria. *Journal of Agric. and Rural Dev.* 6(1): 47 – 54.
10. [**Baiyeri, K. P.**; A. Tenkouano; B. N. Mbah and J.S.C. Mbagwu 1999. Genetic and cropping system effects on yield and postharvest characteristics of *Musa* spp. L. in southeastern Nigeria. *African Crop Science Journal* 7\(1\): 1 – 7.](#)
11. [**Baiyeri, K. P.**; B. N. Mbah and A. Tenkouano. 1999. Comparing yield stability in *Musa* genotypes in Nigeria using four stability statistical methods. *Journal of Tropical Forest Resources* 15\(2\): 53 – 67.](#)
12. **Baiyeri, K. P.** 2000. Theoretical application of Additive Main Effect and Multiplicative Interaction (AMMI) model for effective weed management under plantation agriculture. *Nigerian Journal of Weed Science* 13: 77 – 83.
13. **Baiyeri, K. P.** 2000. Effect of nitrogen fertilization on mineral concentration in plantain (*Musa* sp. AAB) fruit peel and pulp at unripe and ripe stages. *Plant Product Research Journal* 5: 38 – 43.
14. [**Baiyeri, K. P.**; A. Tenkouano; B. N. Mbah and J.S.C. Mbagwu, 2000. Ploidy and genomic group effects on yield components interaction in bananas](#)

[and plantains across four environments in Nigeria. Scientia Horticulturae 85: 51 – 62.](#)

- 15.** [Baiveri, K. P.; B.N. Mbah and A. Tenkouano, 2000. Yield components of triploid and tetraploid *Musa* varieties in Nigeria. HortScience 35\(7\): 1338 – 1343.](#)
- 16.** [Baiveri, K. P.; B.N. Mbah and A. Tenkouano, 2000. Relationship between phenological and yield traits of the plant crop and first ratoon crop of *Musa* genotypes as affected by ploidy and genomic group. AgroScience 1\(1\): 113 – 121.](#)
- 17.** **Baiveri, K. P.** and G. O. Unadike 2001. Ripening stages and days after harvest influenced some biochemical properties of two Nigerian plantains (*Musa* species AAB) cultivars. Plant Product Research Journal 6: 11 – 19.
- 18.** **Baiveri, K. P.** and H. N. Nwokocha. 2001. Evaluation of ten sweet potato (*Ipomea batatas*) genotypes for stability of yield. Journal of sustainable Agriculture and the Environment (Nigeria) 3(2): 254 - 262.
- 19.** [Baiveri, K. P. 2001. Effect of storage media on the green life span and culinary qualities of plantain \(*Musa* sp. AAB\) fruits. AgroScience 2\(2\): 19 – 25.](#)
- 20.** [Baiveri, K. P. 2002. Nitrogen fertilizer influenced harvest index of plantain \(*Musa* AAB, cv. Agbagba\) in a sub-humid zone of southeastern Nigeria. Journal of sustainable Agriculture \(USA\) 20\(1\): 95 – 102.](#)
- 21.** **Baiveri, K. P.** and C. C. Igbelina. 2002. The effect of storage media and fruit-dip in solution of sodium hypochlorite on the shelf life of matured banana fruits. Moor Journal of Agricultural Research 3(2): 262 – 269.
- 22.** [Tenkouano, A.; R. Ortiz and K. P. Baiveri. 2002. Phenotypic and genetic correlations in *Musa* populations in Nigeria. African Crop Science Journal 10\(2\): 121 – 132.](#)
- 23.** **Baiveri, K. P.** 2002. Effect of storage media and fruit-dips on the incidence and severity of crown rot disease in Cavendish banana fruits. Plant Product Research Journal 7(1) 11 – 19.
- 24.** [Baiveri, K. P. and E. C. Alor. 2002. Storage studies of Banana \(*Musa* sp. AAA\) fruits. ASSET-Series A 2\(1\): 39 – 48.](#)
- 25.** **Baiveri, K. P.** 2003. Evaluation of nursery media for seedling emergence and early seedling growth of two tropical tree species. Moor Journal of Agricultural Research 4(1): 60 – 65.

- 26.** [Baiyeri, K. P. 2003. Plant residues moistened to three moisture levels of wetness influenced green life, ripening pattern and culinary quality of matured plantain \(*Musa* sp. AAB\) fruits. Nigerian Journal of Horticultural Science 8: 79 – 87.](#)
- 27.** Baiyeri, K. P.; A. Tenkouano; B. N. Mbah and J.S.C. Mbagwu. 2004. Phenological and yield evaluation of *Musa* genotypes under alley and sole cropping systems in southeastern Nigeria. Tropical and Subtropical Agroecosystems 4(3): 137 – 144.
- 28.** [Baiyeri, K. P and I. B. Nwachukwu. 2005. Storage methods of plantain \(*Musa* sp. AAB\) fruits influenced occurrence and severity of crown rot and anthracnose diseases. Global Journal of Pure and Applied Sciences 11\(2\): 169 – 174.](#)
- 29.** [Baiyeri, K. P. 2005. Variable light transmission through four polyethylene colours used for plantain \(*Musa* sp. AAB\) fruits storage as influencing its postharvest and culinary qualities. International Agrophysics 19\(1\): 19 - 25.](#)
- 30.** [Baiyeri, K. P. and S. C. Aba. 2005. Response of *Musa* Species to Macro-Propagation: I: Genetic and initiation media effects on number, quality and survival of plantlets at pre-nursery and early nursery stages. African Journal of Biotechnology. 4\(3\): 223 - 228](#)
- 31.** Baiyeri, K. P. 2005. Response of *Musa* Species to Macro-Propagation: II: The effects of genotype, initiation and weaning media on sucker growth and quality in the nursery. African Journal of Biotechnology. 4(3): 229 - 234
- 32.** [Baiyeri, K. P.; B. N. Mbah; J.S.C. Mbagwu and A. Tenkouano. 2005. Comparative morphophysiological and yield characteristics of *Musa* genomes in Nigeria. Bio-Research 3\(1\): 45 - 55.](#)
- 33.** Agbo, C. U.; Baiyeri, K. P. and I. U. Obi. 2005. Indigenous knowledge and utilization of *Gongronema latifolia* Benth: a case study of women in University of Nigeria, Nsukka. Bio-Research 3(2): 66 – 69.
- 34.** [Baiyeri, K. P. and A. Tenkouano. 2006. Genetic and cropping cycle effects on proximate composition and antinutrient contents of flour made from eleven *Musa* genotypes. Global Journal of Pure and Applied Sciences 12\(2\): 177 – 182.](#)
- 35.** [Baiyeri, K. P. and B. N. Mbah. 2006. Surface sterilization and duration of seed storage influenced emergence and seedling quality of African breadfruit \(*Treculia africana* Decne\), African Journal of Biotechnology. 5\(15\): 1393 – 1396.](#)
- 36.** [Baiyeri, K. P. and B. N. Mbah. 2006. Effects of soilless and soil-based nursery media on seedling emergence, growth and response to water stress of](#)

- [African breadfruit \(*Treculia africana* Decne\) African Journal of Biotechnology. 5\(15\): 1405 – 1410.](#)
37. **Baiyeri, K. P.** 2006. Seedling emergence and growth of pawpaw (*Carica papaya*) grown under different coloured shade polyethylene. *International Agrophysics* 20: 77 – 84.
38. **Baiyeri, K. P.** and E. Ortese. 2007. [Variation in Growth, Dry Matter Production, Nitrogen and Potassium Uptake by Six *Musa* Genotypes in a Soilless Culture. *Journal of Applied Horticulture* 9\(1\): 84 – 88.](#)
39. **Baiyeri, K. P.** and S. C. Aba. 2007. [A Review of Protocols for Macro-propagation in *Musa* species. *Fruit, Vegetable, Cereal Science and Biotechnology* 1\(2\): 110 – 115.](#)
40. **Baiyeri, K. P.** and A. Tenkouano. 2008. [Fruit Characteristics and Ripening Pattern of Ten *Musa* Genotypes in a Sub-humid Location in Nigeria. *FRUITS* 63\(1\): 3 – 9.](#)
41. **Baiyeri, K. P.** and A. Tenkouano. 2008. [Variability in Agricultural and Biological Yields of Ten *Musa* Genotypes Evaluated for Two Cropping Cycles in a Sub-Humid Environment of Nigeria. *Journal of Crop Improvement* 21\(1\): 27 – 40.](#)
42. **Baiyeri, K. P.**, M. Pillay and A. Tenkouano. 2008. [Phenotypic relationships between growth, yield and black leaf streak disease responses of *Musa* genotypes. *Journal of Crop Improvement* 21\(1\): 41 – 54.](#)
43. **Baiyeri, K. P.** and A. Tenkouano. 2008. [Manure placement effects on root and shoot growth and nutrient uptake of ‘PITA 14’ Plantain hybrid \(*Musa* sp. AAAB\). *African Journal of Agricultural Research* 3 \(1\): 13 – 21.](#)
44. Ugese, F. D; **Baiyeri, K. P.** and B. N. Mbah. 2008. [Nutritional composition of shea \(*Vitellaria paradoxa*\) fruit pulp across its major distribution zones in Nigeria. *FRUITS* 63\(3\): 65 – 73.](#)
45. Ugese, F. D; **Baiyeri, K. P.** and B. N. Mbah. 2008. [Effect of seed source and watering intervals on growth and dry matter yield of shea butter tree \(*Vitellaria paradoxa* Gaertn F.\) seedlings. *Bio-Research* 6\(1\): 303 – 307.](#)
46. Ugese, F. D; **Baiyeri, K. P.** and B. N. Mbah. 2008. [Leaf Area Determination of the Shea Butter Tree \(*Vitellaria paradoxa* Gaertn F.\). *International Agrophysics* 22: 167 – 170.](#)
47. Aindigh F. Doo; **Baiyeri K. P.** and Echezona, B. C. 2008. [Effect of Different Weed Management Techniques on Growth, Susceptibility to Wind Damage and Bunch Yield of a Plantain Landrace \(*Musa* sp. AAB cv. Agbagba\) in a](#)

Derived Savanna Ecosystem of Nigeria. Global Journal of Agricultural Sciences. 7(1): 17 – 21.

48. **Baiveri K. P.**; Edibo, G. O.; Obi, I. U.; Ogbe, F. O.; Egesi, C. N.; Eke-Okoro, O. N.; Okogbenin, E.; and Dixon, A. G. O. 2008. Growth, yield and disease responses of 12 cassava genotypes evaluated for two cropping seasons in a derived savannah zone of south-eastern Nigeria. *AgroScience* 7(2): 162 – 169.
49. Ani, J. U. and **Baiveri, K. P.** 2008. Impact of poultry manure and harvest season on juice quality of yellow passion fruit (*Passiflora edulis* var. *flavicarpa* Deg.) in the sub-humid zone of Nigeria. *FRUITS* 63(4): 239 – 247.
50. Ugese, F. D; **Baiveri, K. P.** and B. N. Mbah. 2008. Mineral Content of the Pulp of Shea Butter Fruit (*Vitellaria Paradoxa* C. F. Gaertn.) Sourced from Seven Locations in the Savanna Ecology of Nigeria. *Tree and Forestry Science and Biotechnology* 2 (1): 40-42.
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Projects:

Sustainable system intensification on vegetable based cropping systems in an acid Ultisol:

Green pepper-Maize-Maize intensification under varying levels of organic and inorganic fertilizers [completed]

Green bean intensification under poultry manure, pig manure and their combination following three cycles of production [ongoing]

Intensification of carrot production system via varietal selection, tillage system and manure rates [ongoing]

Storage and postharvest studies on Carrot, Green pepper, Green beans, Plantain and Passion fruits [partly completed and ongoing]

Multi- locational and –environment evaluation of three genotypes of Passion fruit (*Passiflora edulis*)

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