

CURRICULUM VITAE

AMUJI, CHINEDU FELIX (PhD)

Department of Crop Science, Faculty of Agriculture, University of Nigeria Nsukka, Nigeria.

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EDUCATIONAL QUALIFICATION

PhD in Horticulture Production

Macquarie University Sydney, Australia
April 2017- April 2021

*MSc. Advanced Technology for
Agroforestry Development*

University of Valladolid, Spain
September 2014- July 2015

Score average: 80 %

MSc. Crop Production

University of Nigeria Nsukka, Nigeria.
October 2011- February 2014

GPA: 5.00 on a 5.00 Scale

B. Agric. Crop Science

University of Nigeria, Nsukka, Nigeria
September 2005 – January 2010

First Class [Hons.]

GPA: 4.62 on a 5.00 Scale

Diploma Agric. Prod. Mgt & Utilization

University of Nigeria Nsukka, Nigeria
November 2002 –July 2005

Credit [Hons.]

GPA: 4.19 on a 5.00 Scale

*Senior Secondary Certificate Examination
(SSCE)*

Christ the King College, Onitsha, Nigeria
1993 – 1999

*First School Leaving Certificate
(FSLC)*

Central Primary School, Uke, Nigeria
1987-1993

EMPLOYMENT HISTORY

- *Senior Lecturer*

University of Nigeria, Nsukka, Enugu State, Nigeria

February 2015- Till date

Responsibilities

1. Coordinator of the course CSC 222 (Introduction to Crop Anatomy, Taxonomy and Physiology) for the Bachelor of Agriculture undergraduate students:
2. Part of the teaching lecturers for the following Bachelor of Agriculture undergraduate courses:
AGR 101 (Biomathematics)
CSC 211 (Principles of Forestry)
AGR 302 (Agricultural Statistics and Data Processing)
CSC 421 (Principles of Crop Production techniques)
CSC 511 (Field Experimentation and Data Analysis)
CSC 512 (Plant Nutrition)
3. Examination officer of the Department of Crop Science, Faculty of Agriculture, University of Nigeria Nsukka.
4. Supervision of Post graduate and undergraduate research projects.
5. Conducting of research in areas of crop production, cropping systems and crop adaptations to changing climates.

- *Research Fellow*

Resource and Environmental Policy Research Center

March 2022-Till date

(REPRC), University of Nigeria Nsukka

Responsibilities

Training of students, implementing cutting-edge researches that will have both local and global impact, providing evidence-based input into policy formulation and advocacy towards solving the environmental and economic development problems in Nigeria and the region.

- *Lecturer*

Department of Crop Science, University of Nigeria, Nsukka

February 2015- October 2022

-*Demonstrator/Tutor*

Department of Biological Sciences, Macquarie

July 2017-December 2017

University Sydney, Australia

Responsibilities

Assisting in practical demonstration for the course BIOL 247 (Systems Physiology)

-*Assistant Lecturer*

University of Nigeria, Nsukka, Nigeria

February 2014- February 2015

-Graduate Assistant

University of Nigeria, Nsukka, Nigeria

June 2011-February 2014

Responsibilities

1. Assisting in the instruction of students by conducting small discussion groups related to large lecture courses and the like, supervising laboratory periods, workshops etc., assisting by handling equipment, performing demonstrations, clarifying course material or course content for students.
2. Providing assistance to faculty conducting authorized research by collecting and arranging data, developing source materials, summarizing reports, developing and operating research equipment, preparing and caring for research materials, assisting in the conduct of experiments.

-Lecturer

July 2010- June 2011

College of Agriculture and Animal Science, Bakura, Zamfara State
National Youth Service Corps (NYSC)

Responsibilities

Lecturing and practical assistantships.

-Student Industrial Attachment

November 2006 – September 2007

University Farm
University of Nigeria, Nsukka, Nigeria.

Responsibilities

Ensuring smooth operation within the various farm units, rotated from Piggery unit, Ruminants unit, Range Unit, Pedology unit, Various Crops units, Extension unit and Poultry unit.

-Sales Executive

January 2000- October 2002

Bon-Gyke Agricultural Chemicals Ltd.
Number 1A Sokoto Road, Onitsha, Anambra State.

Responsibilities

Marketing of Agricultural chemicals like insecticides, fungicides, nematicides, herbicides etc. and Sprayers.

Computer Proficiency

R-programing language, Microsoft Operating System i.e. knowledge in excel, words, power point etc. and LINUX Operating System. Ability to do statistical analysis with R-studio, Genstat, SPSS, Matlab and OriginLab softwares.

AWARDS AND ACHIEVEMENTS

-International Research Training Program Scholarship (IRTP) for PhD studies at Macquarie University, Sydney, Australia. 2017-2021

-Erasmus Mundus Scholarship under Dream project for masters degree in Advanced Technology for Agroforestry Development at University of Valladolid, Spain. 2014-2015

-Nigeria Federal Government Scholarship for undergraduates. 2009

-Best Graduating student, Department of Crop Science, University of Nigeria, Nsukka. 2009/2010

PUBLICATIONS

Editorship of Book

1. Baiyeri, K.P., Aba S., Okechukwu E., Chukwudi P., and **Amuji C. F.** (2013) The Role of Crop Science in the Agricultural Transformation Agenda of Nigeria. Proceedings of the 1st National Annual Conference of Crop Science Society of Nigeria (CSSN), held at University of Nigeria Nsukka on September 15-19, 2013.
(Available online at http://www.cropsciencenigeria.com/docs/1382055236_CSSN%20proceedings%20-%20Preliminary%20pages.pdf)
2. Baiyeri, K. P., Aba, S., Okechukwu, E. C., Chukwudi, P.U., **Amuji, C. F.**, Osadebe, V. O., and Mbadianya, F.I (2014). Crop production and youth employment in Nigeria. Proceedings of the 2nd National Annual Conference of Crop Science Society of Nigeria (CSSN), held at University of Nigeria, Nigeria, Nsukka, Nigeria on September 21-25, 2014.

Book

3. **Amuji C.F.**, Uguru M.I. and Ogonna P.E. (2014). **Evaluation of advanced hybrids of two solanum species.** LAP LAMBERT Academic Publishing, Heinrich-Bocking Str.6-8,66121 Saarbruchen, Germany. ISBN: 978-3-659-42406-9.pp.81

Journal Articles

4. **Amuji, C. F.** (2021). The Future of Rain-Fed Horticultural Crops Production in a Changing West African Climate. *Reviews in Agricultural Science* 9: 206–220. Japan. (Available online at https://dx.doi.org/10.7831/ras.9.0_206)
5. **Amuji, C.F.** (2021). Potential Impact of Climate Change on Six Economically Important Horticultural Crops in West Africa. *Journal of Agriculture and Ecology Research International* 22(6):9-24. India. DOI:10.9734/jaeri/2021/v22i630206 (Available online at <https://www.journaljaeri.com/index.php/JAERI/article/view/30206>)
6. **Amuji C.F.**, Beaumont L.J. and Rodriguez M.E. (2020). Simulating the impact of projected West African heatwaves and water stress on the physiology and yield of three tomato varieties. *Advances in Horticultural Sciences Journal* 34 (2): 147-156. Italy. DOI:10.13128/ahsc-8494 (Available online at <https://oaj.fupress.net/index.php/ahs/article/view/8494>)
7. **Amuji C.F.**, Beaumont L.J. and Atwell B.J. (2020). The Effect of Co-occurring Heat and Water Stress on Reproductive Traits and Yield of Tomato (*Solanum lycopersicum*). *Horticulture Journal* 89 (5): 530-536. Japan. DOI:10.2503/hortj.UTD-166 (Available online at https://www.jstage.jst.go.jp/article/hortj/89/5/89_UTD-166/article/-char/en)
8. **Amuji C.F.** and Navarro S.H. (2019). Effect of Watering Frequencies on the Growth and Survival of *Petunia Axillaris* in a Controlled Environment. *International Journal of Horticultural Science and Ornamental Plants* 5(2): 086-091. Ireland. (Available online at <https://premierpublishers.org/ijhsop/201020192072.pdf?view-type=inline>)
9. Eze S.C., Aba S.C., Ezeaku P.I., **Amuji C.F.** and Ogonna R. (2017). Food Quality Characteristics and Effect of Plant Spacing on Performance of New Cassava (*Manihot Esculentum* Crantz)

Genotypes in a Derived Savannah Agro-Ecology of Southeast Nigeria. *Nigerian Journal of Crop Science* 4 (1): 54-63. Nigeria.

10. Eze S.C., Aba S.C. and **Amuji C.F.** (2016). Phenotypic Diversity in Agro-morphological Features of Six New Cassava (*Manihot Esculentum* Crantz) Genotypes Evaluated in Nsukka, Southeast, Nigeria. *Nigerian Journal of Crop Science* 3 (1): 31-49. Nigeria.
11. Eze S.C., **Amuji C.F.** and Aruah B.C. (2016). Nano-biotechnology: A Solution to Food Insecurity, Safety and Sustainability. *Bio-Research* 13 (2): 912-919. Nigeria. DOI:10.4314/br.v14i1.188313 (Available online at <https://www.ajol.info/index.php/br/article/view/188313>)
12. **Amuji C.F.**, Uguru M.I., Ogbonna P.E., Ugwuoke K.I., Eze S.C. and Mbadianya J.I. (2013) Isolation and Identification of Fungal Pathogens Associated with Tomato Genotypes/Lines in Nsukka South-Eastern Nigeria. *International Journal of Scientific Research* 2 (6): 5-8. India. (Available online at http://worldwidejournals.com/ijsr/file.php?val=June_2013_1370003927_b7b23_02.pdf)
13. **Amuji C.F.**, Ogbonna P.E. and Uguru M.I. (2013). Seasonal Evaluation of Advanced Generations of Interspecific Hybrids of two Solanum Species in Nsukka Agro-Ecology of South-eastern Nigeria. *Nigerian Journal of Crop Science* 1 (1): 61-70. Nigeria. (Available online at http://www.cropsciencenigeria.com/docs/1382054734_Nigerian%20Journal%20of%20Crop%20Scs%20-%20Vol%201_1_.pdf)
14. Echezona B.C., **Amuji, C.F.** and Eze, S. (2013) Evaluation of Some Accessions of Bambara Groundnut (*Vigna subterranean* L. Verdc) for Resistance to Bruchid Infestation Based on Grain Source and Seed Coat Colour. *Journal of Plant Protection Research* 53 (3): 210-214. Poland. DOI: 10.2478/jppr-2013-0032 (Available online at <http://www.plantprotection.pl/Evaluation-of-some-accessions-of-bambara-groundnut-Vigna-subterranean-L-Verdc-for,92400,0,2.html>)
15. **Amuji, C.F.**, B.C. Echezona and Dialoke, S.A. (2012) Extraction Fractions of Ginger (*Zingiber officinale* Roscoe) and Residue in the Control of Field and Storage Pests. *Journal of Agricultural Technology* 8(6): 2023-2031. Thailand. (Available online [http://www.ijat-aatsea.com/pdf/v8_n6_12_November/14_IJAT_2012_8\(5\)_Amuji,%20C.F-7_Plant%20Science.pdf](http://www.ijat-aatsea.com/pdf/v8_n6_12_November/14_IJAT_2012_8(5)_Amuji,%20C.F-7_Plant%20Science.pdf))

Conference Proceedings

16. Ekoh P. I., **Amuji, C.F.** and Eze, S. C. (2021). Influence of Variety and NPK Fertilizer on Growth and Yield of Sweet Potatoes (*Ipomea batatas*) In Derived Savannah Agro-Ecology. **Paper presented at Proceedings of 7th Annual Conference of Crop Science Society of Nigeria, held at Ambrose Alli University, Ekpoma, Edo State, Nigeria. October 17-20th, 2021.**
17. **Amuji, C.F.** (2021). Comparing Fruit Sizes Of Tomatoes as Influenced by Application of Eight Weeks of Heat or Water Stress Shock. **Paper presented at Proceedings of 7th Annual Conference of Crop Science Society of Nigeria, held at Ambrose Alli University, Ekpoma, Edo State, Nigeria. October 17-20th, 2021.**
18. **Amuji C.F.** and Nweke E.I. (2021) Effects of Salinity Stress on Early Growth Stage of Irrigated Fluted Pumpkin (*Telfairia Occidentalis*) for sub theme Agricultural Innovations and Food Security. **Research presented at the Proceedings of the University of Nigeria Nsukka 1st Annual Multidisciplinary International Conference. July 5-7th, 2021.**
19. **Amuji C.F.**, Beaumont L.J. and Atwell B.A. (2019) The effect of water stress combined with a heatwave on reproduction and yield of Roma-VF tomatoes. **Research presented at Proceedings of**

the 3rd International Tropical Agriculture Conference, held at The Brisbane Convention & Exhibition Centre, Brisbane, Australia. November 11-13th, 2019.

(Available online at <https://www.mdpi.com/2504-3900/36/1/12>)

- 20. Amuji C.F., Oji F.I., Eze S.C. and Ogbonna P.E. (2016) The Influence of Intercropping on The Severity of Aphid Pest and Bacteria Blight Disease, Growth and Yield of Two Maize (*Zea Mays*) Varieties. Paper presented at Proceedings of the 3rd Annual Conference of Crop Science Society of Nigeria, held at University of Nigeria Nsukka, Nigeria. September 27-30th, 2016**

- 21. Amuji C.F., Uguru, M.I, and Ogbonna P.E. (2014) Correlation and Path analysis of fruits and some agronomic traits in advanced generations of tomato hybrids under derived savannah ecology of Nigera. Paper presented at Proceedings of 2nd Annual Conference of Crop Science Society of Nigeria, held at University of Nigeria Nsukka, Nigeria. September 15– 19th, 2014**
(Available online at http://www.cropsciencenigeria.com/docs/1423858739_2%20Correlation%20and%20path%20coefficient%20analyses%20128-133.pdf)

- 22. Atugwu, A.I, Amuji, C.F and Uguru, M.I. (2012) Genetic Progress in Hybrid Population Arising From Interspecific Crosses Between Two *Solanaceae* Species. Paper presented at Proceedings of 30th Horticultural Society of Nigeria Conference held at Federal University of Technology, Owerri, Nigeria on November 11-15th, 2012.**

Conferences Attended

- First Biennial International Conference on Sustainable Tropical Agriculture and Food Security held from 14th to 18th December, 2022 at New Faculty of Agriculture Auditorium, University of Nigeria.
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- 7th Annual Conference of Crop Science Society of Nigeria, held at Ambrose Alli University, Ekpoma, Edo State, Nigeria. October 17-20th, 2021.
- University of Nigeria Nsukka 1st Annual Multidisciplinary International Conference. July 5-7th, 2021.
- 3rd International Tropical Agriculture Conference, held at The Brisbane Convention and Exhibition Centre, Brisbane, Australia. November 11-13th, 2019.
- 3rd Annual Conference of Crop Science Society of Nigeria, held at University of Nigeria Nsukka, Nigeria. September 27-30th, 2016
- 2nd Annual Conference of Crop Science Society of Nigeria, held at University of Nigeria Nsukka, Nigeria. September 15– 19th, 2014
- Technical conferences on new technologies in the field of Agricultural Sciences, held at the Higher Technical School of Agricultural Engineering, University of Valladolid, Palencia Campus, Spain. March 12- 13th, 2015
- Final conference of the project life + the Green Deserts held at University of Valladolid, Spain. June 17-18th 2015
- 1st Annual Conference of Crop Science Society of Nigeria, held at University of Nigeria Nsukka, Nigeria. September 15– 19th, 2013

- 30th Horticultural Society of Nigeria, Conference held at Federal University of Technology Owerri, Nigeria. November 11-15th, 2012.

Membership and Affiliation

Horticultural Society of Nigeria (HORTSIN) - 12th November 2012 till date
Crop Science Society of Nigeria (CSSN) - 15th September 2013 till date
Australian Society of Plant Scientists (ASPS) - 2019 to 2021
The Japanese Society for Horticultural Science (JSHS) - 2020

Editorial Board membership

-Editorial Member, Journal of Plant Sciences
Website: <http://www.jpplantsciences.org/editorialboard>

Journal Reviews

- Reviewer, Agronomy
Website: www.mdpi.com/journal/agronomy
- Reviewer, Nigerian Journal of Crop Science
Website: <http://www.cropsciencenigeria.com/journalcategories.php>
- Reviewer, Plants
Website: <https://www.mdpi.com/journal/plants>
- Reviewer, Agro-Science
Website: <https://agro-sciencejournal.com/>

LEADERSHIP AND SERVICE

- Secretary, Faculty of Agriculture, University of Nigeria Auxiliary Project Committee- 2023 till date.
- Member, Faculty of Agriculture, University of Nigeria Time Table Committee- 2023 till date.
- Member, Faculty Agro-Science Journal Committee- 2023 till date.
- Secretary, Faculty of Agriculture, University of Nigeria Machinery/Equipment/Vehicle Management and Maintenance Committee- 2023 till date.
- Secretary, Local Organising Committee of the First Biennial International Conference on Sustainable Tropical Agriculture and Food Security held from 14th to 18th December, 2022 at New Faculty of Agriculture Auditorium, University of Nigeria.
- Member, Department of Crop Science, University of Nigeria Nsukka's Quality Maintenance Committee-July 2021 till date.
- Advisory Services and Input Consultant (ASIC)-Government of Enugu State of Nigeria Third National Fadama Development Additional Financing Project (World Bank Assisted)-2016 to 2017.
- Financial Secretary, Department of Crop Science, University of Nigeria Nsukka's Staff Welfare Association-2014 to 2017.
- President, Crop Science Students Association, University of Nigeria Nsukka-2008/2009 session.

PROFILE LINKS

-ORCID ID links: <https://orcid.org/0000-0001-8070-2114>

-RESEARCH GATE PROFILE links: <https://www.researchgate.net/profile/Chinedu-Felix-Amuji>

-GOOGLE SCHOLAR PROFILE links:

https://scholar.google.com/citations?view_op=list_works&hl=en&user=E2wFxhoAAAAJ

-EMPLOYER PROFILE links: <http://www.unn.edu.ng/internals/staff/viewProfile/NjU0>

-FELLOWSHIP PROFILE links: <https://www.efdinitiative.org/about-efd/people/amuji-felix-chinedu>

-LINKEDIN PROFILE links: <https://www.linkedin.com/in/dr-chinedu-felix-amuji-799b4671/>

-TWITTER PROFILE links: <https://twitter.com/FelixAmuji>

SUPERVISION EXPERIENCE

Student Name	Project Title	Year of Graduation	Degree Awarded
OJI FRANCIS I.	The Influence of Intercropping on The Severity of Aphid Pest and Bacteria Blight Disease, Growth and Yield of Two Maize (<i>Zea Mays</i>) Varieties.	2019	Bachelor of Agriculture
NWEKE ERNET I.	Effects of Salinity Stress on Early Growth Stage of Irrigated Fluted Pumpkin (<i>Telfairia Occidentalis</i>).	2021	Bachelor of Agriculture

Recreational Activities

Reading, sports and travelling

REFEREES

(Available on request)