

CURRICULUM VITAE

A. Personal data

1. Name: ALAGBO, Oyebanji Olubunmi
2. Date of Birth: 5th May 1988.
3. Contact Details:
 - (a) Physical address 5, Ojutalayo Street, Eleyele Ile-Ife
 - (b) E-mail address olubunmialagbo@gmail.com
 - (c) Mobile Phone Numbers +4917646171270, +2348136417070
4. Nationality: Nigerian
5. State of Origin: Ekiti State
6. Senatorial District Ekiti North
7. Local Government Area: Ikole
8. Permanent Home Address: NW/32 Isokun Compound, Esun-Ekiti.
9. Marital Status: Married
10. Number of Children: Two
11. Next of Kin: Mrs Patience Kehinde Alagbo
12. Contact Details of Next Of Kin:
 - (a) Physical Address: 5, Ojutalayo Street, Eleyele Ile-Ife.
 - (b) Email address: olamipat22@gmail.com
 - (c) Mobile Phone Number: 08150769348
13. Date of Assumption of Duty: 20th October 2016
14. Rank/Status on First Appointment: Graduate Assistant
15. Present Status: Assistant Lecturer
16. Date of last Promotion: Nil
17. Present Salary, Grade Level and Step: CONUASS 02 Step 05
18. Date of Confirmation of Appointment: Nil
19. Faculty: Agriculture
20. Department: Crop Production & Protection

B. Educational Background

1. **Higher Institutions attended**

	Date
a. Obafemi Awolowo University, Ile-Ife, Osun State.	2006 - 2012
b. Obafemi Awolowo University, Ile-Ife, Osun State.	2014 - 2016

2. Academic and Professional Qualifications with Date:

- a. B. Agric. (Plant Science) Second Class Upper, Ife. 2012
- b. M. Phil. (Plant Science), Ife. 2016

3. Other Distinctions and Awards with Dates

- a. **Grants** Nil
- b. **Scholarships**
 - (i) Beneficiary of the Ekiti State Scholarship Award for Outstanding Academic Performance (Undergraduate, **Amount: N 60,000**) 2009
 - (ii) Beneficiary of the Ekiti State Scholarship Award for Outstanding Academic Performance (PhD, Nigeria **Amount: N 750,000**) 2018
 - (iii) Tetfund ATS&D Scholarship (PhD Germany, **Amount: N 22,800, 000**)
- a. **Fellowship**
 - (i) 19th European Weed Research Society Symposium subsidy for early career scientist for poster presentation in Athen in 2022. (**Amount: 450 Euros**)

C. Work Experience

1. Previous Work Experience Outside the University System

- a. Agricultural Science Teacher, St. John Catholic Grammar School, Iseyin 2013

2. Previous Work Experience in Other Universities

Nil

3. Work Experience at Obafemi Awolowo University

- a. Research Assistant 2014 - 2016
- b. Graduate Assistant 2016 – 2017
- c. Assistant Lecturer 2017 - Date

4. Courses Taught Within the Current Academic Session

Nil

D. Membership of professional bodies

- Member Weed Science Society of Nigeria 2018 – Date
- European Weed Research Society 2022 – Date
- International Society of Precision Agriculture 2022 - Date

E. Publications

1. Thesis/Dissertation

- a. Effective Weed Control Regimes for Lowland Rice (*Oryza sativa L.*) Cultivation in Southwestern Nigeria. M.Phil. Thesis, 105pp., 2016.

2. Books and Monographs:

Nil

3. Contribution to Books:

Nil

4. Published Journal Articles:

- i. **Alagbo, O.O.** and Akinyemiju, O. A. (2018). Weed Management Practices by lowland rice farmers in the southwest of Nigeria. *Advances in Crop Science and Technology*. 6 (3):372 <https://doi.10.4172/2329-8863.1000372> [INDIA]
- ii. **Alagbo, O.O.** and Akinyemiju, O. A. (2018). Performance of different herbicides in transplanted rice in a rainforest zone of Nigeria. *Nigerian Journal of Weed Science*. 31: 55 – 69 [NIGERIA]
- iii. **Oyebanji O. Alagbo**, Oluyemisi A Akinyemiju and Bhagirath S Chauhan (2022). Weed management in rainfed upland rice fields under varied agroecologies in Nigeria. *Rice Science* 29(4):328-339. <https://doi.org/10.1016/j.rsci.2021.11.004> [CHINA]
- iv. **Oyebanji O. Alagbo**, Oluyemisi A. Akinyemiju, Bhagirath S Chauhan (2022). Weed management in rainfed lowland rice ecology in Nigeria – Challenges and Opportunities. *Weed Technology*. 36:583-591 <https://doi.10.1017/wet.2022.57> [USA]
- v. **Oyebanji O. Alagbo**, Michael Spaeth, Marcus Saile, Matthias Schumacher, Roland Gerhards (2022). Weed management in ridge tillage systems- A review. *Agronomy*. 12:910. <https://doi.org/10.3390/agronomy12040910> [SWITZERLAND]
- vi. Rösli, M.; Fuhrmann, S.; Atuhaire, A.; Rother, H.-A.; Dabrowski, J.; Eskenazi, B.; Jørs, E.; Jepson, P.C.; London, L.; Naidoo, S.; Rohlman, D S, Saunyama, I.; Berna van Wendel de Joode 12, Adeleye A: O, **Oyebanji O. Alagbo**, Dem Aliaj, Jember Azanaw et al (2022). Interventions to Reduce Pesticide Exposure from the Agricultural Sector in Africa: A Workshop Report. *Int. J. Environ. Res. Public Health*, 19, 8973. <https://doi.org/10.3390/ijerph1915897> [SWITZERLAND]

5. Edited and Refereed Conference Proceedings

- i. Oluyemisi A. Akinyemiju, `Seun E. Olaborede, Ronke G. Omikunle, **Oyebanji O. Alagbo***, Jelili T. Opabode, Babatunde M. Sosan (2021). A survey of herbicide retail

market in Southwest Nigeria. *Proceedings of the 48th Weed Science Society of Nigeria Conference* Tagged Sustainable Weed Management under changing climate. Held November 2021 at WUDIL Kano State Nigeria 1(1):333-344 [NIGERIA]

6. Articles Accepted for Publication

Nil

7. Manuscript Submitted for Publication

- i. **Oyebanji O. Alagbo**, Oluyemisi A. Akinyemiju, Roland Gerhards and Bhagirath S. Chauhan (2022). Multi-propagative growth response of *Sacciolepis africana* C. E. Hubb. & Snowden to varying soil moisture regimes. *African Journal of Ecology*. In press.

c. Creative Work:

d. Technical Report:

- i. A report on **Glyphosate Herbicide Use in Nigeria**. Submitted to the Ife Biotechnology Group (IBG) Obafemi Awolowo University Ile-Ife. September 5, 2016.
- ii. A report on lowland rice production in southwest nigeria- ensuring sustainable production. submitted to ondo state FADAMA III Project in collaboration with World Bank to train extension staffs on **Good Agronomic Practices in Rice**. 8th September, 2017.
- iii. O. O. Alagbo and T. Badejo (2018). Investigating the elements of sustainability in rice production in Nigeria from 2015 – 2018. A proposal submitted to Chief Audu Ogbe, the Minister of Agriculture. December 2018.
- iv. An Overview of tillage systems, decision algorithms and practical applications in site-specific weed management (2022). A report submitted in fulfilment of Expert systems in plant protection course August 2022. University of Hohenheim, Stuttgart Germany.

e. Papers and Work in Progress:

- i. Management of *Striga hermonthica* in endemic rainfed upland rice ecologies of Nigeria – an insight into the current status and future approaches
- ii. Development of herbicide App for Nigerian Farmers
- iii. Development and testing of precision-based mechanical hoeing elements for ridge tillage system

- iv. Robotic weeding technology: development of a sensor-guided mechanical hoeing system for direct seeded crops
- v. Meta-analysis of herbicide efficacies in arable crops

F. **Professional Accomplishment with Dates**

- i. I have recently participated in and certified for a training course organised by FAO on **Access to Scientific Information Resources in Agriculture for Low-Income Countries**. The course was held from June 19 to July 14, 2017.
- ii. I participated in the webinar on **Africa's Energy Landscape: Prospects, Status and Challenges**. Hosted by the Clean Energy Solution Centre (Operated by the National Renewable Energy Laboratory, Colorado, USA). February 5, 2018.
- i. I participated in the capacity-building workshop on **Research Methodology and Grantsmanship**. Organised by *the World Bank-sponsored Africa Centre of Excellence OAU-ICT Driven Knowledge Park (OAK-PARK), Ile – Ife, Nigeria*. At Obafemi Awolowo University, Ile-Ife, Nigeria. Date: 24th – 28th September 2018.
- ii. I participated in a one-day Induction Workshop for Early Career Researchers (ECRs) on **Sustainable futures for Institutional Strengthening Programme (ISP) at OAU**. Organised by OAU ISP Committee and sponsored by the CIRCLE Programme. November 14, 2018.
- iii. I have participated and certified in a three-month practical training on **GIS and Remote Sensing** at *Geoinfotech Company Limited in Nigeria*. October. – December 2018.
- iv. I participated in the Training in Basic Methodologies of Teaching Under the **'Promoting Excellence in Teaching (PET 2018/2019) Programme**, organised for new Academic members of Staff of Obafemi Awolowo University. September 2nd – 11th, 2019.
- v. I also participated in a two-day **Mentoring Orientation Workshop 2019/2020 – Programme** organised by the Central Office of Research (COR) Obafemi Awolowo University, Ile-Ife for Early Career Researchers. 22nd – 23rd January 2019.
- vi. I participated in an online International Training Course on **"Perspectives of Present and Future Weed Research under Climate Smart Agriculture"** organized by the Centre for Advanced Agricultural Science and Technology (CAAST) for Climate Smart Agriculture and Water Management (CSAWM), Mahatma Phule Krishi Vidyapeeth, Rahuri (Maharashtra State), India under the National Agricultural Higher Education Project (NAHEP) of the Indian Council of Agricultural Research (ICAR), New Delhi, India during 17 - 20 August, 2020.

- vii. DAAD Alumni Event on Sustainable Health and Food Systems in Relation to Climate Change and COVID-19 Pandemic. Held at the Obafemi Awolowo University, Ile-Ife, Nigeria from March 28-31, 2021.
- viii. Young Entrepreneurs in Science (YES) event titled: **From PhD to Innovator**. A two-day workshop held at the University of Stuttgart, Stuttgart Germany on 13-14th October 2022.

G. Conferences Seminars and Workshops Attended

1. Obafemi Awolowo University, International Conference/Workshop on *University-Industry Research Collaboration* held at the Conference Centre, O.A.U, Ile-Ife, Nigeria. 2014. **Paper presented:** Nil
- i. 43rd Weed Science Society Conference, Held at the Peninsular Hotels, Lekki Phase 1, Lagos 2nd - 4th of November, 2015. **Paper presented:** *Knowledge of improved weed control technology among rain-fed lowland rice farmers in southwest Nigeria.*
 - ii. 1st Southwest Agro-ecological Biosafety Awareness Workshop on **Sustainable Food Security in Nigeria** held at the Faculty of Agriculture, Obafemi Awolowo University Ile-Ife. September 5, 2016. **Paper presented:** *Glyphosate herbicide use in Nigeria*
 - iii. 2nd Southwest Agro-ecological Biosafety Awareness Workshop on **Biosafety and Biotechnology for safe and Improved Agricultural Productivity** held at the Faculty of Agriculture, Obafemi Awolowo University Ile-Ife. September 5, 2017. **Paper presented:** *Glyphosate herbicide use in Nigeria.*
 - iv. 3rd Southwest Agro-ecological Biosafety Awareness Workshop on **Biosafety and Biotechnology for safe and Improved Agricultural Productivity** held at the Faculty of Agriculture, Obafemi Awolowo University Ile-Ife. September 28, 2018. **Paper presented:** *Is Glyphosate a Necessary Input for Sustainable Agriculture?*
 - v. 46th Weed Science Society Nigeria Conference, Held at the University of Port Harcourt on the 3rd - 6th of November, 2018. **Paper presented:** *Performance of different herbicides in transplanted rice in a rainforest zone of Nigeria.*
 - vi. 1st Feedback Scientific Conference *in honour of Professor M.A.B Fakorede: A retired Professor of Maize Breeding and Genetics.* Held at Main Conference Hall, Africa Centre of Excellence OAU ICT – Driven Park, Obafemi Awolowo University, Ile – Ife. 12th – 13th March 2019.
 - vii. 1st Deeper Life Campus Fellowship Agro-Family Conference. AGRICALL: A CALL TO THE FUTURE. Held at The DLCP OAU Religion Ground on the 5th of October, 2019. **Participation:** I was part of the theme that anchored the programme. **Paper Presented:** Rice Production in Southwest Nigeria.

- viii. 47th Weed Science Society of Nigeria Conference, Held at the University of Ibadan on the 3rd - 4th of November, 2019. **Paper presented:** *Survey of Herbicide Retail Market in Southwest Nigeria.*
- ix. 19th European Weed Research Society Symposium, Held at Eugenides Foundation – Athens – Greece 20-24 June 2022. **Poster presented:** *Development and testing of a new mechanical weeding hoe for recompact ridge tillage culture in maize.*
- x. 2nd African Conference on Precision Agriculture (AfCPA) held on 7-9 December, 2022.

H. Current Research Activities

- (i) Effect of soil moisture regimes on growth and seed production of two propagules of *Sacciolepis africana* Hubb & Snowden.
- (ii) Germination biology of *Sacciolepis africana* (Hubb & Snowden) - Implications for weed management in lowland rice.
- (iii) Integrated Weed Management (IWM) strategies for lowland rice in Nigeria: Implications for increased grain yield.
- (iv) Development of herbicide App for Nigerian Farmers
- (v) Development and testing of precision-based mechanical hoeing elements for ridge tillage system
- (vi) Robotic weeding technology: development of a sensor-guided mechanical hoeing system for direct seeded crops
- (vii) Meta-analysis of herbicide efficacies in arable crops

I. Other Relevant Information

1. Services within the Department

- i. Research assistant in weed science 2014 – 2016
- ii. Member Consultancy Committee 2019 - Date
- iii. Department Website Management 2018 – Date

2. Services within the Faculty Nil

3. Services within the University Nil

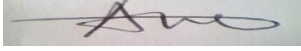
4. Service outside the University

- a. Member of Research Team in Environmental Monitoring, ABC Agricultural Systems for Lafarge Africa Plc., Sagamu Plant. 2014 – Date
- b. Consultancy on Agronomy/Weed Control to rural communities in Ife. 2016 - Date

J. Contribution to Knowledge

I have been able to identify the constraints to the adoption of improved weed control among rice farmers in Southwest Nigeria. As a way of increasing farmers' yield in rice, I have successfully trained groups of rice growers in Nigeria on effective weed management practices in rice. I have also been able to organize farmers into cooperative groups where I transferred my research

findings to them for increased rice production. In the course of my study on weed management in rice, I was able to review weed management studies on upland rice ecology in Nigeria with a strong recommendation of potential management practices as it relates to smallholder farmers in different rice agroecologies in Nigeria.

Signature:- 

Date:- 19/01/2023