

CURRICULUM VITAE FOR Excel OLUWAJOMILOJU JEFF-AGBOOLA

A. Personal Data:

1. Full Name (Surname first); JEFF-AGBOOLA, Excel Oluwajomiloji
2. Date of Birth: 20 January, 2000
3. Details of Contact Address: Shiloh Embassy Ave, Road C, Off Kolawole Esho Road, Behind Olu Foam off Ilesha/Owo Way Akure
 - a. E-mail Address(es): ejeffagboola@gmail.com, ejeffagboola@unimed.edu.ng
 - b. Mobile Phone Number(s): +2348106882113
4. Nationality Nigerian
5. State of Origin Ekiti
6. Local Government Area Irepodun/Ifelodun
7. Permanent Home Address Shiloh Embassy Ave, Road C, Off Kolawole Esho Road, Behind Olu Foam off Ilesha/Owo Way Akure
8. Marital Status Single
9. Number of Children and their Ages: N/A
10. Next of Kin: Bishop T. Jeff Agboola
11. Details of Contact Address of Next of Kin:
 - a. E-mail Address(es): topejeffagboola@gmail.com
 - b. Mobile Phone Number(s): 08038253806
 - c. Permanent Home Address: Same as above
12. Date of Assumption of Duty 14/1/2022
13. Rank/Status of First Appointment: Graduate Assistant
14. Present Status: Assistant Lecturer
15. Date of Last Promotion: 22/12/2022
16. Grade Level and Step: Conuass 02 step 02
17. Faculty/Directorate: Science
18. Department/Unit: Food Science

B. Educational Background:

1. Institutions attended with dates:
 - a. University of Medical Sciences Ondo. In view
 - b. Joseph Ayo Babalola University, Ikeji Arakeji, Osun State- December 2022
 - c. Joseph Ayo Babalola University, Ikeji Arakeji, Osun State- October, 2018
 - d. Winners College, Akure 2014
 - e. Koyenikan Clasic Nusary and Primary School, Akure 2008
2. Academic/Professional Qualifications and Distinctions Obtained with Dates
 - a. Ph.D. Food and Industrial Microbiology in view
 - b. M.Sc. Microbiology 2022
 - c. B.Sc. Microbiology (Second Class Honors (Upper Division) 2018
 - d. WAEC/SSCE 2014
 - e. Primary School 2008

3. Other Distinctions and Awards with Dates

Scholarship

- I was sponsored by Applied Mycology group of Cranfield University, UK to participate in the workshop on aflatoxin mitigation strategies and future joint activities to reduce mycotoxins occurrence in African food commodities @ Cranfield University, UK on 19-24 March 2023
- Scholarship Certificate Course from True African University on African Perspective on Climate Change True African University in partnership with L'Oréal, as one of the 54 selected women from 17 African countries to attend a Summer School on Climate Change- August 2021

C. Work Experience with Dates:

Previous Work Experience outside the University System with Dates

- i. Administrative and Programme Manager -Ifeoluwa Oyedele Foundation (IOF), Ijapo Akure-February, 2021-2022 IOF is an NGO that support the empowerment of Nigerian

Responsibilities:

- Leading all the activities in the Organization, managing several staff members
- involving in fund-raising activities for the organization
- organizing and coordination several sustainable projects
- Involvement in monitoring,evaluation and dissemination of projects

- ii. Assistant Programme Coordinator: Voice of Women in the Development of Agriculture (VOWDA), Nigeria. VOWDA is an NGO that support the empowerment of smallholder female farmers and their children through educational empowerment programme and helping in bridging the gap between Female Food and Agricultural Scientists and the Smallholder female farmers from lab to farm and beyond the farm gate projects- October 2019 -November 2020

Responsibilities:

- involving in fund-raising activities for the organization
- organizing and coordination several sustainable projects and trainings
- Involvement in monitoring,evaluation and dissemination of projects
- Visitation of different communities and creating awarness and educating people about diffrr

- iv. National Youth Service programme: at the Health Centre, Niger Delta Power Holding Company Limited, Samuel Ademulegun Street Abuja- October 2018-September, 2019

Responsibilities:

- Assisting in carrying out microbiological analysis for better health and well-being of individual
 - I participated in the organizational affairs as required within the community;
 - I render assistance in giving some community services as a youth corps member in the local community of Abuja, Nigeria as part of my community development project to create awareness about different diseases associated with contaminated food and environment as part of my one year community service linked to SDG2 which aims to “End hunger, achieve food security, improved nutrition, and promote sustainable agriculture”. Also, it supports poverty reduction (SDG1), health and well-being (SDG3), cognitive development and learning (SDG4), reduced inequality (SDGs 5 and 10) and improved work and productivity (SDG8). I work on these seven SDGs within the rural Area of Kwubua, in Abuja
 - I also participated in various entertainment programmes like dancing organized by NYSC
- v. Industrial Work Experience at National Space Life Science Unit, Microgravity Lab, National Space Research and Development Agency, Airport Road, Abuja, Nigeria- July-December 2017

Responsibilities

- Organising and reviewing of laboratory practices and procedures in order to ensure compliance to quality and safety standards.
- Process Monitoring and computer processing of scientific data.
- Filing and other administrative duties
- The main project during the industrial training was on the use of clinostat in cultivation of crops and isolation of mould under simulated microgravity conditions.

Work Experience in University of Medical Sciences

a. Academic Experience

- Assistant Lecturer, Department of Food Science, Faculty of Science, University of Medical Sciences, Ondo City, Ondo State, Nigeria - December 2023-till date

Responsibilities

- Teaching some undergraduate courses in the department of Food Science
- 100 Level Course Adviser
- Examination officer
- Involvement in research activities in the faculty/department
- Some other administrative responsibilities such as keeping financial record and procurement of office materials in the Department

- Graduate Assistant, Department of Food Science, Faculty of Science, University of Medical Sciences, Ondo City, Ondo State, Nigeria - January 2022-2023

Responsibilities

- Teaching some undergraduate courses in the department of Food Science
- Result Officer
- Departmental SIWES Coordinator
- 300 Level Course Adviser
- Examination officer
- Involvement in research activities in the faculty/department
- Some other administrative responsibilities such as keeping financial record and procurement of office materials in the Department

Courses taught till date:

Session (2022/2023)

- FSC 213-Fluid Mechanics
- FSC 222- Thermodynamics
- FSC 223- Introduction to Nutrition
- FSC 224- Introductory Biochemistry
- FSC 318- Research methodology
- FSC 317- Technology of food products 1
- FSC 316- Technology of plant food product 1
- FSC 312- Human Nutrition
- FSC 321-Food Biochemistry

Session (2023/2024)

- FSC 222- Thermodynamics
- FSC 224-Introductory Biochemistry
- FSC 316- Technology of plant food product 1
- FSC 321-Food Biochemistry
- FSC 413- Food Microbiology
- FSC 415- Principles of Food Biotechnology
- FSC 490- Seminars

Current Undergraduate Supervision

- Currently have one 500level project student

D. Membership of Professional Bodies:

- i. Mycotoxicology Society of Nigeria 2023
- ii. Member American Society for Microbiology (ASM), America. since 2022
- iii. Member of International Applied Microbiology former Society for Applied Microbiology now Applied Microbiology (SFAM), UK since 2022
- iv. Member Nigeria Institute of Food Science and Technology, Nigeria, since 2021
- v. Voice of Women in the Development of Agriculture, Nigeria member since 2016

E. Publications with Dates:

1. Thesis/Dissertation

- i. **Jeff-Agboola E. O.** (2022) Microbiological assessment of fermented Malabar chestnut (*Pachira glabra*) and its nutritional properties. Thesis submitted to the Department of Microbiology, Joseph Ayo Babalola University, Ikeji-Arakeji, for the award of M.Sc. in microbiology.
- ii. **Jeff-Agboola E. O.** (2022) Impact of Covid-19 on Food Safety. Seminar submitted to the Department of Microbiology, Joseph Ayo Babalola University, Ikeji-Arakeji, for the award of M.Sc. in microbiology.
- iii. **Jeff-Agboola E. O.** (2018) a study of the microflora of air environment of rooms sprayed with aerosols (insecticides and air fresheners) Thesis submitted to the Department of Microbiology, Joseph Ayo Babalola University, Ikeji Arakeji, for the award of B.Sc. in microbiology.
- iv. **Jeff-Agboola E. O.** (2018) Microsporidiosis: a new human disease previously known in animal. Seminar submitted to the Department of Microbiology, Joseph Ayo Babalola University, Ikeji Arakeji, for the award of B.Sc. in microbiology.

2. Books and Monographs

Nil

3. Contribution to Books

Nil

4. Published Journals Articles

- **E. O. Jeff-Agboola**, O. E. Dada and Y. A. Jeff-Agboola (2019). The Effect of Aerosols on the Air Microflora of the Indoor Air. Journal of Advances in Microbiology 16(1): 1-14, 2019; Article no. JAMB.48118 ISSN: 2456-7116
- Afolayan E.M., Oluwafem F. A., **Jeff-Agboola E. O.**, Oluwasegun T, Ayankale J.O. (2019) Socio-Economic Benefits of Microgravity Research. Arid zone journal of engineering, technology & environment Azojete . Vol. 15(SP.i2):57-74
- Jeff-Agboola Y.A. and **Jeff-Agboola E. O.** (2019) Effect of fungi isolates on Proximate composition of Natural and Pure- culture fermentation of African yam

- bean (*Sphenostylis sternocarpa* Harms) seeds. Journal of Underutilized Legumes Society for Underutilized Legumes Vol. 1 (1): 1 - 8 <https://sulegumes.org/>
- Jeff-Agboola Y. A., Adeleke B. S., **Jeff-Agboola E. O.**, Olotu T. M., and Anuoluwa I. A. (2019). Effect of mould contamination on proximate composition of poultry feeds. Journal of ChemResearch. 1(2):277-284
 - Jeff-Agboola, Y.A., Adebajji, A. A., Plotz M., Adekoya I.O, **Jeff-Agboola E.O.**, Ogidi C.O., and Anuoluwa, I.A. (2020) Assessment of awareness level and attitudes of farmers in the management and mitigation of health risk associated with the occurrence of mycotoxins along the cocoa value chain. IOSR Journal of Environmental Science, Toxicology and Food Technology (IOSR-JESTFT) e-ISSN: 2319-2402,p- ISSN: 2319-2399.Volume 14, Issue 2 Ser. IV PP 55-62 www.iosrjournals.org
 - Jeff-Agboola Y, A. , Adeyemo S. A. , Jeff-Agboola E. O. , De Saeger S. , de Boevre M. (2022). Assessment of Gender Knowledge and Attitude of Food Handlers in Preventing Microbial Contamination of Indigenous Fermented Food in Akure Metropolis, Ondo State, Nigeria. J Nutr Food Sci. 12:892.
 - Jeff-Agboola Y. A., **Jeff-Agboola Excel O.**, Plötz Madeleine, Okunlola Oluyemi. A. and Elekofehinti Olusola O. (2023) Mycobiota of cocoa beans (*Theobroma cacao*) from drying sites in South-West, Nigeria. African Journal of Agriculture and Allied Science. 3(1) 122-141
 - Jeff-Agboola Y. A., Sipasi K. O., Oke E. K., **Jeff-Agboola E. O.**, Oladebeye A. O. (2023) Occurrence of aflatoxins in Nigerian foods: a review, Croatian Journal of Food Technology, Biotechnology and Nutrition Vol.18 (29-36)
5. Edited and Referred Conference Proceedings:
 - i. **Jeff-Agboola E. O.**, Eniola K. I. T., Oyedele D. S. and **Jeff-Agboola Y. A.** Molecular and cultural characterization of microorganisms associated with naturally fermented guinea peanut (*Pachira glabra*). Proceedings of the 9th Regional Food Science and Technology summit (ReFoSTS), Olumo 2023, 5-8, June 2023. Pages 580-587.
 6. Articles Accepted for Publication
Nil
 7. Manuscript Submitted for Publication
Nil
 8. Creative Work:
 - i. Technical Proficiency:
 - Programming languages (e.g., Python, Java)
 - Software proficiency (e.g., Adobe Creative Suite, Microsoft Office)
 - Data analysis tools (e.g., Excel, Tableau)
 - Graphic design
 - ii. Community Development programmer
 - iii. Modeling, dancing Football skills
 - iv. Skillful in paper craft, Involvement in giving training to youths/students on entrepreneurial skill development Programmes on bead and jewelry making, hat, millinery, skin care products development and general beautification.

- v. Communication Skills:
 - Verbal and written communication
 - Presentation and public speaking
 - Interpersonal skills and relationship-building
- vi. Digital Marketing:
 - Social media management and advertising
 - Email automation
 - Content creation and marketing
- vii. Analytical Skills:
 - Data interpretation and analysis
 - Critical thinking and problem-solving
 - Research and market analysis
- viii. Project Management:
 - Task management tools
 - Budgeting and resource allocation
- ix. Adaptability and Flexibility:
 - Ability to learn quickly and adapt to new technologies or environments
 - Willingness to take on new challenges and responsibilities

9. Technical Reports- Nil

10. Paper and Work in progress

Research in progress

- MITIGATION STRATEGIES AGAINST THE IMPACT OF CLIMATE CHANGE ON THE GROWTH OF TOXIGENIC MOULDS AND AFLATOXINS PRODUCTION IN MAIZE AND GROUNDNUTS FROM ONDO STATE, NIGERIA.

The general purpose of the research is to develop mitigation strategies against the impact of climate change on the growth of toxigenic moulds and mycotoxins productions in maize and groundnut value chains from Ondo State. Control of the organisms responsible for the spoilage of the crops and toxin production using medicinal plants, bioformulation with *Lactobacillus* spp. and the use of rapid artificial intelligent tools as quick screening tools in overcoming the problems of aflatoxin contamination on the maize and groundnut commodity leading to reduction in food waste, and post-harvest improvement, enhancing increased food safety and security in Ondo State.

F. Professional Accomplishment:

- i. I was sponsored by Applied Mycology group of Cranfield University, UK to participate in the workshop on aflatoxin mitigation strategies and future joint activities to reduce mycotoxins occurrence in African food commodities @ Cranfield University, UK on 19-24 March 2023

ii. L’Oreal Summer School on Climate Change in Africa I became a Fellow of True African University in partnership with L’Oréal, as one of the 54 selected women from 17 African countries to attend a Summer School on Climate Change in Africa Pan-African learning community committed to accelerating Africa’s sustainable development. The programme focuses on analyzing the effects, policies and possible solutions to fighting climate change on the continent

G. Conferences, Seminars and Workshops Attended with Dates:

- i. Workshop on Predatory Publishing, University of Medical Sciences Ondo. May 2024
- ii. The 16th Annual Conference and workshop; Mycotoxins’ Impact on One Health Management Strategies and Gender Inclusiveness October, 2023.
- iii. Faculty of Science Conference, Recent Advances in Sciences for Economic and Sustainable Healthcare Promotion, August, 2023.
- iv. The 9th Regional Food Science and Technology summit (ReFoSTS), Olumo, June 2023
- v. Workshop on Mycotoxin training hub: Nutrinuts 2.0: Discussion on the reduction of mycotoxins occurrence in African food commodities Cranfield University, Cranfield, Bedfordshire MK43 0AL, UK on 19-24 March 2023
- vi. January 2023 Faculty of Science seminar series titled “Health Benefits of Herbal Teas” Odosida Campus Ondo state, Nigeria. October 2022
- vii. Proposal writing skill workshop training by Voice of Women in the Development of Agriculture, Nigeria. October 2022
- viii. Capacity Building Workshop on “Ethical Principles in Research” at TETFUND New Lecture Theatre, Laje Ondo state, Nigeria. November 2022
- ix. 2-day workshop on Gender Responsive Proposal Writing Skills. Organized by the Voice of women in the development of Agriculture (VOWDA) Secretariat, Akure, Nigeria. December 2022
- x. ACURET-UNIMED Ondo Animal Ethics Training Workshop, @ TETFund Lecture Theatre, Laje Campus Ondo state, Nigeria. October 2021
- xi. Women in Agriculture 2021 a symposium organized by the Voice of Women in the Development of Agriculture and International Institute of Tropical Agriculture, IITA, Nigeria. Sept. 2018
- xii. Awareness about Hepatitis B Workshop @ Joseph Ayo Babalola University, Ikeji Arakeji, Osun state Nigeria.

H. Services within the Faculty/University:

- a) Examination officer - 2024
- b) 100 Level Course Adviser- 2024
- c) Member of Departmental Research Team- 2024
- d) Executive Member of Herbal Medicine Committee- 2024
- e) Member of ASSU Corporative Committee, UNIMED – 2023
- f) Member of ASSU Scholarship for Indigent Students Committee- 2023
- g) Member of Faculty of Science Colloquium Committee- 2023
- h) Result Officer- 2023
- i) Departmental SIWES Coordinator- 2023
- j) 400 Level Course Adviser- 2023

I. Services outside the University:

- i. Member, trainer assistant programme coordinator and Administrative and Programme Manager at Voice of Women in the Development of Agriculture (VOWDA- www.vowda.org) and Ifeoluwa Oyedele Foundation (IOF), VOWDA is aimed at empowering the Nigerian smallholder female farmers through technology transfer from laboratory to farm and the overall goal is to improve food safety/security status of the country and help in income generation.
- ii. Involvement in giving training to youths/students on Entrepreneurial Skill development programmes on bead and jewelry making, hat, millinery, skin care products development, general beautification, training youth on dancing and coaching female youth on football
- iii. Organizing various Programmes and trainings to educate people of different age group

J. Contributions to Knowledge

I am a food microbiologist with special interest in mycotoxins, food safety and product development. As a microbiologist who is passionate about making an impact to contribute to a sustainable livelihood, health, food and nutritional security of my immediate community through evidence-based research. I belong to a research team that conducts series of research towards food safety, conduct gender-responsive programme and solve food security issues. My expertise make a significant impact towards improving good health, food safety and gender inclusiveness in my society.