

CURRICULUM VITAE

Famakinwa, Oluwaseyi Akinyemi B.Sc, M. Sc

DATE OF BIRTH: 25TH March, 1984

SEX: Male

NATIONALITY: Nigerian

MARITAL STATUS: Married, Two children

POSTAL ADDRESS: Science Laboratory Technology, Yaba College of Technology,

P.M.B 2011, Yaba, Lagos, Nigeria

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EDUCATIONAL QUALIFICATIONS WITH DATES

PERIOD	INSTITUTION	QUALIFICATION WITH DATE
2019	Obafemi Awolowo University, Ile-ife	Master of Science in Biochemistry (Enzymology)
2005-2010	Olabisi Onabanjo University , Ago-Iwoye	Bachelor of Science in Biochemistry

CURRENT RESEARCH INTEREST

My recent research interest is on the isolation and purification of Cellulase, Rhodanese and 3-MST from bacteria and fungi.

PROFESSIONAL POSITIONS WITH DATE

EMPLOYER: Yaba College of Technology, P.M.B. 2011, Yaba, Lagos, Nigeria

Period	Position	Key Responsibilities
January 2024 – Present	Lecturer II, Department of Science Laboratory Technology	Teach undergraduate courses including Introduction to Biochemistry, Comparative Biochemistry, Biochemical Methods I & II, and related laboratory practicals. Develop course materials, supervise student seminars and research projects, conduct research, serve as Departmental SIWES Coordinator and Examination Officer, and participate in curriculum development and departmental academic activities.
January 2020 – December 2023	Lecturer III, Department of Science Laboratory Technology	Taught Introduction to Biochemistry, Physical Biochemistry I & II, and Biochemical Methods. Supervised student seminars and undergraduate research projects. Served as Script Officer and subsequently Examination Officer. Also coordinated SIWES activities and participated in departmental research and academic administration.
October 2018 – January 2020	Research Officer , Central Research Laboratory	Performed instrumental analyses using advanced laboratory equipment, developed analytical methodologies, supported multidisciplinary research, supervised laboratory users and student projects, and maintained laboratory quality standards.

RESEARCH EXPERIENCE

M. SC. THESIS: Purification and Characterization of Arginase from *Orytes rhinoceros* Larva Gut

B. SC. DISSERTATION: Purification and Characterization of Alpha amylase from *Bacillus subtilis*

PROFESSIONAL SOCIETIES

- ❖ Member, **Nigeria Society of Biochemistry and Molecular Biology (NSBMB)**
- ❖ Member, **Biotechnology Society of Nigeria (BSN)**

SKILLS/STRENGTH

- ❖ Good organization and communication skills
- ❖ Ability to work under pressure
- ❖ Strong Human Relations
- ❖ High sense of responsibility and integrity
- ❖ Enthusiastic
- ❖ Excellent Research networking

REVIEW ACTIVITIES

TRAININGS ATTENDED

1. CCRL EQUIPMENT TRAINING SERIES on Gel electrophoresis tank (30th August, 2021).
2. CCRL EQUIPMENT TRAINING SERIES on Photometry, Fluorometry and Illuminometry (12th October, 2021).
3. CCRL EQUIPMENT TRAINING SERIES on X-Ray Diffraction (31th January, 2022).
4. CCRL EQUIPMENT TRAINING SERIES on Scanning Electron Microscope (28th February, 2022).
5. CCRL EQUIPMENT TRAINING SERIES on Ion Exchange Unit (14th March, 2022).

6. CCRL EQUIPMENT TRAINING SERIES on Computer Controlled and Continuous Distillation Unit (25th April, 2022).

COMPUTER SKILL

Computer literate with Hands-On Experience on the following:

- ◆ Microsoft Word
- ◆ Microsoft Excel
- ◆ Power Point

PUBLICATIONS

Some Articles published in international Journals

1. Ashiru, A. W., Kumoye, E. A., Famakinwa, O. A., & Ojie, B. N. (2026). Production and characterization of cellulase from *Penicillium chrysogenum* and *Aspergillus oxysporum*. International Journal of Research and Scientific Innovation (IJRSI), 13(4), 424–435. <https://doi.org/10.51244/IJRSI.2026.1304000039>
2. Ashiru, A. W., Tijani, K. O., Adekunle, A. P., and Famakinwa, O. A. (2024). Determination of cellulase and protein activity from *Agaricus bisporus* (button mushroom). Nigerian Journal of Environmental Sciences and Technology (NIJEST), 8(2), 177–184.
3. Famakinwa, O., Itakorode, B. O., Adedeji, O. S., and Okonji, R. E. (2023). Biochemical characterization of a purified arginase from the gut of *Oryctes rhinoceros* larvae. Ife Journal of Science, 25(1). <https://doi.org/10.4314/ij.s.v25i1.13>
4. Ashiru, A. W., Famakinwa, O. A., Mohammed, N. K., Bisiriyu, H. A., and Kareem, F. A. (2023). Cellulolytic bacteria from the soil of Olusosun landfill and optimization of cellulase production using some selected agro-waste. International Journal of Science and Society of YABATECH, 9(1), 1–7.

5. Adamu-Governor, O. L., Oladele, D.O., Ijomah, O.O., Fasina, K.A., Famakinwa, O. A. and Ikegwu, E.M. (2023). Microbiological and Chemical Assessment of Smoked-Dried Shrimp (*Penaeus notialis*) from South- South, Nigeria. 19`. 65-82.
6. Ashiru A.W., Famakinwa O.A., Mohammed N.K. and John A. (2022) Extraction and Characterization of Cellulase from *Penicillium Chrysogenum* and *Fusarium Oxysporum* Grown On Corn Cob and Sawdust. Proceedings of 6th Academic Staff Union of Polytechnics Zone C 2022 National Conference (Held at Federal Polytechnic Ile-Oluji, Ondo State) 19th-22nd July, 2022.
7. Ashiru A.W, Famakinwa O.A., Mohammed N.K. and Bisiriyu H. (2022) Cellulolytic Bacteria from the soil of Olusosun Landfill and optimization of Cellulase production using some selected Agro-waste. International Journal of Science And Socieity, Yaba Tech.
8. Adedeji, O. A., Aladesanmi, O. T., Famakinwa, O. A. and Okonji, R. E. (2017). Bioefficiency of Indigenous Microbial Rhodanese in Clean-up of Cyanide Contaminated Stream in Modakeke, Ile-Ife, Osun State, Nigeria. Journal of Bioremediation & Biodegradation, 08(03).
9. Adeyanju, M. M., Adetoro, A. O., Adeshakin, A. O., Kasumu, T., Mowoe, O., Famakinwa, O. A., & Lawal, O. (2012). Characterization of a thermostable *Bacillus subtilis* β -amylase isolated from decomposing peels of Cassava (*Manihot esculenta*). *Biokemistri*, 24(1), 23-30.

Papers Presented at Conferences and Seminars

- ❖ Famakinwa, O. A., Mohammed, N. K., Faremi, O. E., Bello, H. T., Ashiru, A. W., Awonubi, C. O. and Abdullahi-Akinleye, N. A. Mineral Composition and Catalase Activity of Selected Tropical Leafy Vegetables in Nigeria. Book of abstracts of Nigerian Society of Biochemistry and Molecular Biology (NSBMB) South–South Zonal Conference (held at University of Calabar, Cross Rivers State) March 29th to April 1st, 2026.
- ❖ Onifade, M. S., Ado, P. H. and Famakinwa, O. A. (2024) Phytochemical Constituents and Antioxidant Activities of the Extracts of *Hippocratea velutina* (Afzel) Leaf: Its Determination

towards Sustainable Development. Proceedings of 5th Academic Staff Union of Yaba College of Technology Conference (Held at Yaba College of Technology, Yaba, Lagos) 4th-5th June, 2024.

- ❖ Mohammed, N. K., Famakinwa, O. A., Faremi, O. E., Adekunle A.P., Abdullahi-Akinleye, N. A., Oyetola, R., and Siji-Abowaba, T. D., (2024). The distribution of arginase and rhodanese activities in the gut and liver of selected Tilapia and Snapper species from Epe and Makoko, Lagos State. Proceedings of 5th Academic Staff Union of Yaba College of Technology Conference (Held at Yaba College of Technology, Yaba, Lagos) 4th-5th June, 2024.
- ❖ Extraction and Characterization of Cellulase from *Penicillium Chrysogenum* and *Fusarium Oxysporum* Grown On Corn Cob and Sawdust. 6th Academic Staff Union of Polytechnics Zone C 2022
- ❖ In Vitro Antioxidant and Antimicrobial Activities of Active Secondary Metabolites of Methanol Extract of Stem Bark of *Piliostigma Thonningii* (Schum) Milne-Redh. M. S. Onifade^{1*}, O. A. Famakinwa,¹ T. A. Aderibigbe¹ And N. K. Mohammed¹. 6th Academic Staff Union of Polytechnics Zone C 2022
- ❖ Mycelia growth culture and Ultraviolet-Visible Spectroscopy Profiles of some *Ganoderma* species from Lagos Nigeria. 3rd International Annual Symposium of SW-BSN Zone, 8-10th June 2022

REFEREES

1. Professor R. E. Okonji
Deputy Provost, Post Graduate School
Obafemi Awolowo University, Ile-Ife
2. Dr. A. W. Ashiru
Dean, School of Science
Yaba College of Technology, Lagos

2. Professor L. N. Ofodile

Chief Lecturer, Department of Biological Sciences

Yaba College of Technology, Lagos