

CURRICULUM VITAE

PERSONAL DATA

Name: **ONIBOKUN, Elizabeth Adeola**
 Sex: Female
 Marital Status: Single
 Date of Birth: January 17, 1987
 State of origin: Osun state
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 Home Address: Block. C4, Flat 6, Canaaan city, Ota. Ogun State
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 Websites: https://www.researchgate.net/profile/Adeola_Onibokun.
<https://scholar.google.com/citations?user=MCNHhXQAAAAJ&hl=en>.
<https://www.scopus.com/authid/detail.uri?authorId=57188922188>.
<https://www.mendeley.com/profiles/adeola-onibokun/#profile-employment>.

EDUCATIONAL INSTITUTIONS ATTENDED WITH DATES

- ❖ Covenant University, Canaanland, Ota, Ogun State. (2013 till date)
- ❖ National Teachers Institute, Ansar-udeen comprehensive college study centre, Ota. Ogun State. (2014)
- ❖ Ladoke Akintola University of Technology, Ogbomosho, Oyo State. (2004-2010)
- ❖ Fieldcrest International High School, Warri, Delta State. (1999-2002)
- ❖ Prime International School, Warri, Delta State. (1992-1999)

ACADEMIC QUALIFICATIONS WITH DATES

- ❖ Doctor of Philosophy, Ph.D. (Microbiology) (In-view)
- ❖ Masters, MSc. Microbiology (Distinction) (2015)
- ❖ Postgraduate Diploma, PGD in Education (2014)
- ❖ Bachelor of Technology, B.Tech (Hon.) Food Science and Engineering (2010)

OTHER CERTIFICATIONS

- ❖ Operational Planning Guidelines and COVID-19 Partners Platform to support country preparedness and response (World Health Organization) (April 2020)
- ❖ AuthorAID Research Communication Certificate (2017)

WORK EXPERIENCES AND POSITIONS HELD

- ❖ Covenant University, Canaanland, Ota.
- i. Assistant Lecturer (2016-date)
- ❖ Covenant University Secondary School Canaanland, Ota.
- i. Quality Assurance Officer (2016)
- ii. Departmental Coordinator/Unit Head (2015-2016)
- iii. Coordinator, Red House (2015-2016)
- iv. Class Teacher: JSS2, SS1-SS3 (2012-2015)
- ❖ Federal Government Girls College, Omu-Aran, Kwara State, National Youths Service Corp (NYSC) (2011-2012)
- ❖ Segg Standard School, Warri, Delta state (2010)
- ❖ National Horticultural Research Institute (NIHORT) Idi-Ishin, Jericho, Ibadan (Intern) (2009)
- ❖ De-Raymond Nigeria Ltd, LAUTECH. Ogbomoso (Intern) (2008)

Positions Held in University Administration

- ❖ Secretary, L.O.C IBCE &W, 2020 (2019-2020)
- ❖ Departmental Timetable Officer (2018-date)
- ❖ Member, College Examination Committee (2018-date)
- ❖ Chair, Departmental Seminar Committee (2018-date)
- ❖ Member, LOC (Protocol Chair) IBCE&W, 2018 (2018)
- ❖ Member, Food Committee, C-ICADI, 2018 (2018)
- ❖ Member, College Student's Advisory Committee (2017-2018)
- ❖ Member, College Hooding Committee (2017-2018)
- ❖ Member, Departmental Webometrics Committee (2017-date)
- ❖ Level Adviser (2017-date)

TAUGHT COURSES

Microbial Taxonomy and Classification| Laboratory Techniques in Microbiology| Bacteriology| Techniques in Virology| Microbial Physiology| Food Microbiology| Fermentation and Substrate Enzyme Biotechnology

UNDERGRADUATE SUPERVISION

- ❖ Microbiological Quality and Proximate Analysis of Hamburgers sold in Lagos and Ota. (*Co-supervised*)
- ❖ Isolation and Characterization of Alpha-Amylase producing bacterial isolates from deteriorated onion (*Allium Cepa*) bulbs (*Co-supervised*)
- ❖ Production and Characterization of Alpha-Amylase by *Aspergillus niger* and *Aspergillus flavus* isolated from wooden surfaces (*Co-supervised*)

RESEARCH GRANTS

- ❖ \$12,000 International Foundation for Science (IFS), Sweden, Research Grant (I-3-C-6179-1) Project Title: Genetic modification of *Vigna unguiculata* (L.) Walp with bacterial phytate degrading Enzymes genes for Eradication of Micronutrient Deficiencies in Developing Countries (Principal Investigator) (2018-2020)

PUBLICATIONS

- 2020-01:** Solomon Oranusi, **Adeola Onibokun**, Oluwatoyosi Afolabi, Chineme Okpalajiaku, Anita Seweje, Bunmi Olopade, Yemisi Obafemi (2020). Microbial and Phytochemical Profiles, Proximate Compositions and Antioxidant Activity of *Cola lepidota* K Schum Fruit Exocarp, Mesocarp and Endocarp. *Czech Journal of Food Sciences*, 38(1): 11-19
- 2019-01:** Raphael C. Mordi, Grace I. Olasehinde, Adebola P. Okedere, Arnold N. Elegwule, Joan I. Ayo-Ajayi, Hassana O. Johnathan, **Adeola E. Onibokun**, Adesola A. Ajayi, Daniel O. Uchenna (2019). Antibacterial activity of moderately volatile components of the oil extracted from the seeds of *Dacryodes edulis* G. Lam. *Asian Journal of Pharmaceutical and Clinical Research*, 12(3): 246-249
- 2018-03:** Oranusi S., **Onibokun E. A.** Obafemi Y. D. and Dureke G. (2018). Microbiology, heterocyclic amines and polycyclic aromatic hydrocarbons profiles of some grilled, roasted and smoked foods in Lagos and Ogun States, Nigeria. *African Journal of Food Science*, 12(11): 336-346.
- 2018-02:** Ajayi, A. A., Salubi A. E., Lawal, B., **Onibokun, A. E.** Ajayi, O. M., Ogunleye, T. A. (2018). Optimization of pectinase production by *Aspergillus niger* using central composite design. *African Journal of Clinical and Experimental Biology* 19 (4): 314-319.
- 2018-01** Obafemi, Y. D., Ajayi, A. A., Olasehinde, G. I., Atolagbe O. M., **Onibokun, E. A.** (2018). Screening and partial purification of amylase from *Aspergillus niger* isolated from deteriorated tomato (*lycopersicon esculentum* mill.) fruits. *African Journal of Clinical and Experimental Biology* 19(1): 47-57.
- 2017-04:** Ajayi, A. A. and **Onibokun, E. A.** (2017). An overview of enzyme immobilization. *Researcher* 9(12): 1-7.
- 2017-03:** Chukwu, U. K., **Onibokun, E. A.**, Ajugwo, G. C. and Oranusi, S. (2017). Assessment of microbiological qualities and iodine contents of some brands of domestic salt available in South-eastern Nigeria. *Futo Journal Series (FUTOJNLS)* 3(1): 216-224.
- 2017-02:** Ajayi Adesola Adetutu, Bibi Oritsewehinmi, Oniha Margaret Ikhiwili, Atolagbe Oluwabunmi Moradeke, Anosike Selina Odochi and **Onibokun Elizabeth Adeola** (2017). Studies on *Staphylococcus aureus* from Pimples. *Pakistan Journal of Biological Sciences* 20: 350-354.

2017-01: A. A. Ajayi, O. F. Adeniji, A Egunjobi, O. M. Atolagbe, **E. A. Onibokun**, S. O. Anosike, M. I. Oniha. (2017). Isolation and screening of fungal isolates from bambara (*Vigna subterranea*) nuts for tannase production. *African Journal of Clinical and Experimental Microbiology* **18**(3): 167-173.

2016-01: A. A. Ajayi, **E. A. Onibokun**, F. O. A. George and O. M. Atolagbe (2016). Isolation and characterization of chitinolytic bacteria for chitinase production from the African catfish, *Clarias gariepinus* (Burchell, 1822). *Research Journal of Microbiology* **11**: 119-125. **Scopus Indexed (Q4)**.

2015-01: Ajayi, A. A., **Onibokun, E. A.**, Adedeji, O. M, George, F. O. A. (2015). Characterization of Chitinase from the African Catfish, *Clarias gariepinus* (Burchell, 1822). *International Journal of Advances in Science Engineering and Technology* **3**(4): 88-95.

CONFERENCES (PAPER PRESENTATION)

- ❖ A A Ajayi, B Lawal, A E Salubi, **A E Onibokun**, M I Oniha and O M Ajayi. Pectinase Production by *Aspergillus niger* using Pineapple Peel Pectin and Its Application in Coconut Oil Extraction. Presented at the International Conference of Science and Sustainable Development, Covenant University Ota. August 3-5, 2020
- ❖ SU Oranusi, O Akinkunmi, **EA Onibokun**, BK Olopade, OO Oshamika and YD Obafemi. The Microbial Burden of Interior Surfaces and Spaces in Main Administrative Buildings of Covenant University. Presented at the 10th International Biotechnology Conference, Exhibition and Workshop, Covenant University Ota. July 21-22, 2020
- ❖ **EA Onibokun**, AO Eni, SU Oranusi and AA Ajayi. Purification and Characterization of Phytase Produced by Indigenously Isolated *Aspergillus niger* using Submerged Fermentation. Presented at the 10th International Biotechnology Conference, Exhibition and Workshop, Covenant University Ota. July 21-22, 2020
- ❖ S Oranusi, V Thomas, O Oshamika, B Olopade, **A Onibokun**. Microbial profile and antibiotic susceptibility patterns of wash hand basins in Covenant University. Presented at the 10th International Biotechnology Conference, Exhibition and Workshop, Covenant University Ota. July 21-22, 2020
- ❖ SU Oranusi, SE Ovbiagele, BK Olopade, **AE Onibokun**, OO Oshamika, YD Obafemi. Microflora of Refrigerators Around Academic Areas of Covenant University and their Health Implications. Presented at the 10th International Biotechnology Conference, Exhibition and Workshop, Covenant University Ota. July 21-22, 2020
- ❖ **Onibokun E. A.**, Eni, A. O., Oranusi, S. U., Atolagbe, O. M., Bello, O. A., Olopade B. K. and Ajayi, A. A. Temperature stability of phytase produced by phytate-degrading fungi isolated from poultry soil in Ota, Ogun state. Proceedings of the 7th International Conference on Embracing Capacity Building Opportunities in Science, Engineering, and Technology. Capetwown South Africa. September 2-4, 2019. Pp 708-714
- ❖ Ajayi, A. A., Salubi, A. E., Lawal, B., **Onibokun A. E.**, Atolagbe, O. M. and Olasehinde, G. I. Clarification of Pear (*Pyrus communis*) Juice with Pectinase obtained from

- Aspergillus niger*. Nigerian Society for Microbiology Conference on Microbial Resources: A veritable option for Economic Diversification. Crawford University, Igbesa, Ogun State. September 3-6, 2019.
- ❖ Ajayi A. A., Egunjobi, A. K., **Onibokun, A. E.**, Anosike, S. O., Adekeye, B. T. and Omonigbehin, E. A. Utilization of Bambara (*Vigna subterranea* (L) Verde) nuts for Tannase production by a novel *Bacillus pumilus* strain AJ-2 MF083685. Proceedings of the 2018 International Women in Science without Borders (WISWB) Indaba.
 - ❖ Adesola Ajayi, Grace Olasehinde, **Adeola Onibokun**, Oluwabunmi Atolagbe, Tolutope Oluwasegun Siyanbola, Ihilesen Eghokhare, Yemisi Dorcas Obafemi and Margaret Ikhiwili Oniha. Cellulase from *Aspergillus niger* for Extraction of Oil from Yellow Oleander (*Thevetia peruviana*) Seeds. Oral presentation at the Lagos State University Faculty of Science Conference (LASUFOSC 2017).
 - ❖ Ajayi, A. A., Eliagwu, E., Anosike, S. O., **Onibokun, A. E.**, Agada, T., Enujeko, S. E., Eze, K. (2017). Clarification of different fruit juices with Cellulase obtained from *Aspergillus niger*. Proceedings of the 8th ISTEAMS Multidisciplinary Conference, Caleb University, Lagos, Nigeria Pp 295 – 316. May 31-June 2, 2017.
 - ❖ Egunjobi, A., **Onibokun, E. A.**, Anosike, S. O., Oniha, M. I., Adeyemi, O., Atolagbe, O. M., Ajayi, A. A. (2017). Studies on Tannase Production by Bacteria Isolated from Deteriorated Bambara (*Vigna subterranean* (L) Verde) Nuts. Proceedings of the 8th ISTEAMS Multidisciplinary Conference, Caleb University, Lagos, Nigeria. May 31-June 2, 2017.
 - ❖ Studies on Fortified Soursop (*Annona muricata* Linn) Juice with Cellulase from *Aspergillus niger* by Ajayi, A. A., Eliagwu, E., Anosike, S. O., **Onibokun, E. A.**, (2017). Presented at the International Conference (Humboldt-Kolleg). Federal University of Technology, Akure in April, 2017.
 - ❖ Potentials of Fruit Juices as Probiotic Carrier: A Review by Anosike, S. O., Ajayi, A. A., Oranusi, U. S., **Onibokun, A. E.** presented at International Biotechnology Conference, Exhibition and Workshop, Covenant University, March 2017
 - ❖ Isolation and Screening of Fungal Isolates from Bambara (*Vigna subterranea*) Nuts for Tannase Production by Ajayi, A. A., Adeniji, O. F., Egunjobi, A., Olasehinde, G. I., Atolagbe, O. M., **Onibokun, E. A.** Anosike, S. O. and Oniha, M. I. presented at IBCE & W'17 held at covenant University, Ota, Ogun State in March, 2017.
 - ❖ Structural Determination of Chitinase Obtained from Bacteria from African Catfish (*Clarias gariepinus*) by **Adeola Onibokun**, Adesola Ajayi, Marion Adebisi, Grace Olasehinde and Trust Odia presented at the IBCE & W'17 International conference held at Covenant University, Ota Ogun State in March, 2017.
 - ❖ Production of chitin from shrimp waste for the cultivation of chitinolytic bacteria by Ajayi A. A., **Onibokun E. A.**, Otona-abbey I., Adedeji, O. M. and Popoola, S. T. presented at the 10th Unilag annual research conference and fair, November, 2015.

- ❖ Characterization of Chitinase from African Catfish, *Clarias gariepinus* (Burchell, 1822) by Ajayi A. A., **Onibokun E. A.**, Adedeji O. M., and George, F. O. A presented at the IRES international conference held in Lumpur, Malaysia in July, 2015.

CONFERENCES/WORKSHOP/TRAININGS (PARTICIPATION)

- ❖ Covenant International Conference on African Development Issues (C-ICADI 2018). Theme: *The challenge of Leadership - Driving Africa's Future*, October 22-24, 2018.
- ❖ African Women in Agricultural Research and Development (AWARD) mentoring orientation workshop for Covenant and Landmark Universities. September 3-8, 2018.
- ❖ 8th International Biotechnology Conference, Exhibition and Workshop. Theme: *Biotechnological Innovations: Panacea to Sustainable Economy*. March 11-13, 2018
- ❖ Anti-plagiarism workshop by The Nigerian Young Academy in conjunction with School of Postgraduate Studies Covenant University. Theme: *Pains and Gains of Quality Research: Combating the "Plagiarism Cancer" and other Unethical Practices*. February 5, 2018.
- ❖ Association of Industrial Microbiologists of Nigeria; 2017 Annual Conference and Symposium. Theme: *Industrial Biotechnology in Nigeria Economic Advancement: Past, Present and Future*. November, 8 2017
- ❖ Ace Medicare Conference 2017. Theme: *Suicide among Health Professionals*. August 3, 2017.
- ❖ Grant Writing and Training Workshop by Professor F.O Odedina, University of Florida, Gainesville, PI, CaPTC and Carnegie Fellow (2017) at the University of Ilorin. June 22, 2017.
- ❖ 1st Cassava Stakeholders Workshop organized by the West African Virus Epidemiology (WAVE) for root and Tuber Crops Covenant University Hub. July 3-6, 2017.
- ❖ International Biotechnology Workshop 2017. Metagenomics, Molecular Biology. Bioinformatics and GIS). March 20-31, 2017.
- ❖ Predictive Analytics Modeler Training by IBM Skills Academy. February 20-24, 2017.

RESEARCH PROJECT/DISSERTATION

- ❖ **M.Sc. Dissertation:** Chitinase production by chitinolytic bacteria from Catfish (*Clarias gariepinus*)
- ❖ **B.Tech. Research Project:** Effect of fermentation with *Rhizopus oligosporus*, *Rhizopus oryzae* and *Rhizopus nigricans* on the anti-nutrient content of Bambara nut.

PATENTS/PRODUCTS

Deposition of organisms into the NCBI GENBANK.

- ❖ The 16S ribosomal RNA gene, partial sequence of *Klebsiella aerogenes* strain B18 (Accession number MG298820) - Ajayi, A .A., Obafemi, Y. D., **Onibokun, A. E.**, Atolagbe, O. M., Oniha, M. I., Adekeye, B. T. and Taiwo, O. S

- ❖ The 51st Annual Conference of Science Association of Nigeria (SAN) Canaanland, 2017. Science: key to Renewable Energy, Green Environment, Empowerment and Sustainable Development. July 9-13, 2017.
- ❖ Nigerian Society for Biochemist and Molecular Biologist Annual Conference. November 2016

SKILLS/COMPETENCES

- ❖ Good team player.
- ❖ Promptness in delivery of results.
- ❖ Excellent leadership and managerial abilities.
- ❖ Can carry out assignments with minimal or no supervision.
- ❖ Knowledgeable in M.S word, M.S Excel, M.S power point etc.
- ❖ Knowledgeable in Bioinformatics and SPSS predictive modeling

HOBBIES

Reading, writing, teaching and interior decoration.

REFEREES

AJAYI A. A. (Prof.)

Dept. of Biological Sciences,
Faculty of Science,
Augustine University, Epe, Lagos State.
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ENI A. O. (Associate Prof.)

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