

CURRICULUM VITAE

SECTION A PERSONAL DATA

Name: ORANUSI Solomon U. **Sex:** Male

Date of Birth: 27- 11- 70

Place of Birth: Oba—Idemili South LGA

Local Government of origin: Idemili South LGA

State of Origin: Anambra

Nationality: Nigerian

Religion: Christian

Marital Status: Married

Contact Address: Dept. of Biological Sciences Covenant University Ota

Residential Address: Suite 62 Covenant University Staff Quarters

Telephone Numbers: 08175654880

Email Address: solomon.oranusi@covenantuniversity.edu.ng

SECTION B: EDUCATIONAL HISTORY

Schools/Institutions attended

S/N	Degree Level	Type	Year	Grade	Institution
1	Ph.D	Microbiology	2002	Pass	ABU Zaria
2	M.Sc	Microbiology	1997	Pass	ABU Zaria
3	B.Sc	Microbiology	1992	2 ¹	UNN
4	FMLSC	Parasitology	2003	Pass	ABUTH Zaria
5	AIMLS	Bacteriology	1998	Pass	ABUTH Zaria
6	Diploma	Computer	2004	Credit	CTI Comp. Zaria
7	MIPAN	Food & Water analysis	2011	Pass	IPAN Lagos

1. SCHOLARSHIP

(a) PUBLICATIONS:

1. **ORANUSI, S.U.**, Ezeogu, L. I., Okolo, B. N. (1994) Microbial contaminants of commercially bottled non-alcoholic drinks produced in Nigeria. **World Journal of Microbiology and Biotechnology** 10:488- 490.(ISI, Scopus indexed)
2. **ORANUSI, S.U.**, Umoh, V. J.,and Kwaga, J. K. P. (2003) Hazards and critical control points of Kunun-zaki, a non-alcoholic beverage in Northern Nigeria. **Elsevier Food Microbiology** **20** (1): 127- 132. (ISI, Scopus indexed IF=3.713)
3. **ORANUSI, S.**, Onyike, E., Galadima, M., and Umoh V. J. (2004) Hazard analysis critical control points of foods prepared by families in Zaria, Nigeria. **Nigerian Journal of Microbiology**18(1-2):346-362.
4. Umoh, V. J., **ORANUSI, S.U.** and Kwaga, J. K. P. (2004) The Public Health Significance Of Pathogens Isolated From“ Kunun-Zaki”, Sold In Retail Outlets In Zaria, Nigeria. **Nigerian Food Journal** 22: 10-17.
5. **ORANUSI, S.**, Galadima, M., and Umoh V. J. (2006) Toxicity test and bacteriophage typing of *Staphylococcus aureus* isolated from food contact surfaces and foods prepared by families in Zaria, Nigeria. **African Journal of Biotechnology** 5 (4) 362- 365. (Scopus indexed)
6. **ORANUSI, S.**, Galadima, M., and Umoh V. J. (2006) Phage typing and toxigenicity test of *Staphylococcus aureus* strains from food contact surfaces and foods prepared in boarding schools in Zaria, Nigeria. **Nigerian Journal of Microbiology** 20 (2) : 1011-1017.
7. **ORANUSI, S.**, Galadima, M., Umoh V. J., and Nwanze P. (2007) Energy intake and Anthropometry: a case study of families in Zaria, Nigeria. **African Journal of Biotechnology** 6 (4) 459-464(ISI, Scopus indexed)
8. Nwanze, P. I., Nwaru, L.M., **ORANUSI, S.**, Dimkpa, U., Okwu,M.U., Babatunde, B.B., Anake, T.A., Jatto, W., and Asagwara, C.E. (2007) Urinary tract infection in Okada Village : Prevalence and antimicrobial susceptibility pattern. **Scientific Research and Essay** 2(4) 112-116
9. Yah, S.C.,Eghafona, N.O.,**ORANUSI, S.** and Abouo, A. M. (2007) Widespread plasmids resistance genes among *Proteus* species in diabetic wounds of patients in the Ahmadu Bello University Teaching Hospital (ABUTH) Zaria. **African Journal of Biotechnology** 6(15) 1757-1762. (ISI, Scopus indexed)

10. Nwanze, P., Jatto, W., **ORANUSI, S.** and Josiah, S. J. (2006) Proximate analysis of *Lentinus squarrosulus* (Mont.) singer and *Psathyrella atroumbonata pegler*. **African Journal of Biotechnology** 5 (4) 366- 368. (Scopus indexed)
11. **ORANUSI, S.**, Galadima, M., Umoh V. J., and Nwanze P.I (2007) Food safety evaluation in boarding schools in Zaria, Nigeria, using the HACCP system. **Scientific Research and Essay** 2(10) 426-433
12. Nwanze, P.I., Okwu, M.U., **ORANUSI, S.**, Emeh, A.A., Ibe, I.J.,and Ogu-Peter, P.U.(2009) The effects of the interaction of various oil types and rates on carpophores wet and dry weights and stipe and pileus diameters of *Lentinus squarrosulus* (Mont) singer. **The Nigerian Academic Forum** 15 (1)79-86
13. Angela Obaigeli Eni, Ibukunoluwa Adesuwa Oluwawemitan and **ORANUSI U. SOLOMON** (2010) Microbial quality of fruits and vegetables sold in. Sango Ota, Nigeria. **African Journal of Food Science** 4(5), pp. 291- 296
14. S.E. Abah; **S.U. ORANUSI;** G. Abah; O.S. Taiwo (2010) Potential of wild strain *Saccharomyces cerevisiae* as probiotic in gastroenteritis. **World Journal of Dairy and Food Sciences** 5(2) 160-163
15. **S. ORANUSI;** O. J. Olorunfemi (2011) Microbiological safety evaluation of street vended ready-to-eat fruits sold in Ota, Ogun state, Nigeria. **International Journal of Research in Biological Sciences** 1 (3): 22-26
16. Dahunsi SO; **ORANUSI SU;** Ishola RO (2011) Biochemical profile of *Clarias gariepinus* exposed to sub-lethal concentrations of chemical additives effluent. **International Journal of Research in Environmental Science and Toxicology** 1 (4): 52-58
17. **ORANUSI S;** Omagbemi F; Eni AO (2011) Microbiological safety evaluation of snacks sold in fast food shops in Ota, Ogun state, Nigeria. **Research Journal of Biological Sciences** 6 (7): 309-313 (ISI indexed)
18. S.O. Dahunsi; **S.U. ORANUSI;** R.O. Ishola (2012) Bioaccumulation pattern of Cadmium and Lead in the head capsule and body muscle of *Clarias gariepinus* [Burchell, 1822] exposed to paint emulsion effluent. **Research Journal of Environmental and Earth Sciences** 4(2): 166-170
19. Dahunsi S.O, **ORANUSI S.U,** Ishola R.O (2012) Differential bioaccumulation of heavy metals in selected biomarkers of *Clarias gariepinus* [Burchell, 1822] exposed to chemical additives effluent. **Journal of Research in Environmental Science and toxicology** 1(5): 100-106

20. O.M. Alile., **S. ORANUSI.**, O.O. Adetola and J.O. Airen (2012). Subsurface geophysical investigation and physiochemical/microbial analysis of groundwater contaminant in Ota, Southwestern Nigeria. **Geosciences 2(6): 179-184**
21. **ORANUSI S.U.** and Olarewaju S.A (2013). Mycoflora and aflatoxin contamination of some food stuffs. **International Journal of Biotechnology and Allied Fields 1(1): 9-18**
22. **ORANUSI S.,** Dahunsi S.O., Owoso O.O and Olatile T (2013). Microbial profiles of hands, foods, easy contact surfaces and food contact surfaces: A case study of a University campus. **Novus International Journal of Biotechnology and Bioscience 2(1): 30-37**
23. Shalom Nwodo Chinedu, Dominic E. Azuh, Victor Chukwudi Osamor, Emeka E.J. Iweala, Israel S. Afolabi, Chidi C. Uhuegbu, Olubanke O. Ogunlana and **SOLOMON U. ORANUSI** (2013). Skincare Product Usage: Implications on Health and Wellbeing of Africans. **Journal of Applied Science 13(3): 430-436** (ISI, Scopus indexed)
24. S.O. Dahunsi and **U. S. ORANUSI** (2013). Haematological response of *Clarias gariepinus* to rubber processing effluent. **Annual Review and Research in Biology 3(4): 624-635** (ISI, Scopus indexed)
25. **ORANUSI U.S** and Akhigbe E. DI (2013). Antimicrobial activity and micro-flora quality evaluation of commonly used toothpastes. **International Journal of Biology, Pharmacy and Allied Sciences 2(7): 1388-1399**
26. S.O. Dahunsi and **U. S. ORANUSI** (2013). Co-digestion of food waste and human excreta for biogas production. **British Biotechnology Journal 3(4): 485-499** (ISI, Scopus indexed)
27. **U. S. ORANUSI,** V. A. Akande and S. O. Dahunsi (2013). Assessment of Microbial Quality and Antibacterial Activity of Commonly used Hand Washes. **Journal of Biological and Chemical Research 30(2): 570-580**
28. **ORANUSI U.S,** Dahunsi S.O and Idowu S.A.(2014). Assessment of occupational diseases among artisans and factory workers in Ifo, Nigeria. **Journal of Scientific Research and Reports 3(2): 294-305** (ISI indexed)
29. Alfa, I.M., Adie, D.B., Igboro, S.B., **ORANUSI., U.S.,** Dahunsi, S.O and Alkali, D.M. (2014). Assessment of biofertilizer quality and health implications of anaerobic digestion effluent of cow dung and chicken droppings. **Elsevier Renewable Energy Journal 63: 681-686** (ISI, Scopus indexed IF=3.842)
30. **ORANUSI S.,** Nwachukwu C., Adekeye B.T., Dahunsi O.S. and Adeyemi A.O. (2013). Microbial profile, antibacterial and antioxidant activities of some imported spices in Nigeria. **European Journal of Experimental Biology, 2013, 3(6):193-202**

31. B.K.Olopade, **S. ORANUSI**, R.Ajala, and S.J.Olorunsola (2014). Microbiological quality of fermented Cassava (Gari) sold in Ota Ogun State Nigeria. *International Journal of Current Microbiology and Applied Sciences* 3(3): 888-895
32. Owamah HI, Dahunsi SO, **ORANUSI US**, and Alfa MI (2014). Fertilizer and sanitary quality of digestate biofertilizer from co-digestion of food waste and Human excreta. *Elsevier Waste Management* 34: 747-752 (ISI, Scopus indexed IF=3.496)
33. Dahunsi SO, Ayandiran TA, **ORANUSI US**, Owamah HI (2014). Drinking water quality and public health of selected communities in South Western Nigeria. *Springer Water Quality, Exposure and Health*. DOI 10.1007/s12403-014-0118-6. (Scopus indexed)
34. **S. ORANUSI**, T.U. Obioha and B.T. Adekeye (2014). Investigation on the microbial profile of frozen foods: Fish and Meat. *International Journal of Advanced Research in Biological Sciences* 1(2): 71-78
35. **S. ORANUSI**, O.M.Adedeji, and B.K. Olopade (2014). Probiotics in the management of diseases: A Review. *International Journal of Current Research and Academic Review* 2(8) 138-158
36. Nwanze, P.I., **ORANUSI, S.**, Okwu, M.U., Eleke, F.N., Emeh, A.A., and Ibe, I.J.(2008) The effect of the interaction of different media with various oil rates on biomass production of *Lentinus squarrosulus (Mont) singer* and *Psathyrella atroumbonata pegler* in submerged liquid culture. *The Nigerian Journal of Research and Production* 13: (1)143-152
37. Dahunsi S.O, **ORANUSI S.U** (2012) Acute toxicity of synthetic resin effluent to African cat fish *Clarias gariepinus* [Burchell, 1822]. *American Journal of Food and Nutrition* 2(2): 42-46
38. I.M. Alfa., C.A. Okuofu., D.B. Adie., S.O. Dahunsi., **U.S. ORANUSI** and S.A Idowu (2012). Evaluation of biogas potentials of *cymbopogon citratus* as alternative energy in Nigeria. *International Journal of Green Chemistry and Bioprocess* 2(4): 34-38
39. **S ORANUSI** and S O Dahunsi (2015). Preliminary study on hazards and critical control points of kokoro, a Nigerian indigenous fermented maize snack. *SpringerPlus* 4:253 DOI 10.1186/s40064-015-1026-3 (ISI indexed)

(b) CURRENT RESEARCH

- (i) HACCP/ Food safety evaluation at the consumer level.
- (ii) Optimization/standardization and commercialization of local fermented foods as probiotics carrier medium
- (iii) Biogas production from household and agricultural wastes; non-edible plants and feces

RESEARCH CLUSTER MEMBERSHIP

- (i) Biogas research cluster
- (ii) Biotechnology research cluster
- (iii) Lead Researcher in CUFENSARG (Covenant University Food and Environmental Safety Research Group)

(c) PEER RECOGNITION

Conferences attended:

2011: **ORANUSI, S. U.** Olorunfemi O. Isolation and characterization of microorganisms from ready-to-eat fruits sold in Ota, Ogun state, Nigeria. **3rd International Biotechnology Symposium(IBS)**, Covenant University Ota, Nigeria. March, 12th-14th April 2011

2011: Taiwo, O.S., **ORANUSI, S. U.** Omonhinmin A.C., and Abah, S.E. Antimicrobial Resistance and susceptibility profiling of four pathogenic organisms using UV irradiation. **19th Annual International Conference on Intelligent Systems for Molecular Biology and 10th European Conference on Computational Biology**. Vienna , 15th-19th July 2011

2011: **Oranusi, S.**, Olarewaju, S. A. Mycoflora and aflatoxins associated with some food stuffs sold in Ota, Ogun state Nigeria. **35th Annual conference and General Meeting of Nigerian Society for Microbiology**, Bayero University Kano, Nigeria. October, 9th -13th 2011

2011: **Oranusi, S.**, Asomugha, K. C. Production of animal feed from food wastes generated in a University cafeteria. **Nigerian Institute of Food Science and Technology Annual conference and General Meeting**, Benue, Nigeria. October, 10th -14th 2011

2012: Oranusi, S., Okougbo, A., Dahunsi, S.O. Hazard Analysis Critical Control Point in the production of maize cake. **36th Annual conference and General Meeting of Nigerian Society for Microbiology**, Nnamdi Azikiwe University Awka, Nigeria. October, 11th -16th 2012

2014. **ORANUSI S.**, Anosike SJ. Chemical and microbiological assessment of selected cocoa, tea and coffee brands in Nigerian markets. **37th Annual conference and General Meeting of Nigerian Society for Microbiology**, ABU, Zaria 2014

2014. **ORANUSI S.**, Coker E. Effects of salts on food preservation and metabolic activities of food microflora. **37th Annual conference and General Meeting of Nigerian Society for Microbiology**, ABU, Zaria 2014

2014. Dahunsi S. O., **ORANUSI S.**, Ogundeji M. D. and Ogah S. O. Biogas for the Nigerian Energy Future: A Paradigm Shift. **International Biotechnology Symposium**. Covenant University Ota, Nigeria. June, 9th-11th 2014

2014. Nubi F. E. and **ORANUSI S.** Microbiological Safety Evaluation of Ready to Eat Shrimps and Snails sold along Lagos-Shagamu Expressway, Nigeria. **International Biotechnology Symposium**. Covenant University Ota, Nigeria. June, 9th-11th 2014

2014. Nwankwo UE, **ORANUSI US**. Assesment of Microflora and Fumonisin Contamination of Grains Sold in Ota, Ogun State, Nigeria. **International Biotechnology Symposium**. Covenant University Ota, Nigeria. June, 9th-11th 2014

Editorial engagement:

Editorial Board Member: (i) Covenant Journal of Physical and Life Sciences

(ii) Bioinfo Publications

(ii) URP Journals

(d) ACADEMIC LINKAGE

Membership of Professional bodies:

- 1. Fellow, Medical Laboratory Science council of Nigeria.
- 2. Member Institute of Public Analyst of Nigerian
- 3. Member, Nigerian Society for Microbiology.
- 4. Member, American Society for Microbiology
- 5. Member Nigerian Institute of Food Science and Technology
- 6. Member Association of Industrial Microbiologists of Nigeria

3. Leadership (Skills & Trait)es) at Covenant University

- i. Sub-Dean School of Postgraduate Studies
- ii. Chairperson 2014/2015 Convocation planning committee
- iii. Chairperson School of Postgraduate Studies students disciplinary committee 2014-2016
- iv. Coordinator of Microbiology Programme: 2009/2010 session
- v. Member University library committee 2013/2014
- vi. Member University publication committee 2014/2015
- vii. Member Dept. Quality and Standards Committee. 2009-2013
- viii. Member Dept. Curriculum Development Committee 2009-2013
- ix. Chairperson LOC IBS 2010
- x. Member Dept. and College academic board 2008-2015
- xi. Postgraduate programme coordinator 2010-2012
- xii. Member Dept. Postgraduate programme academic board 2009-2015
- xiii. Chairperson Dept. Postgraduate programme committee 2011- 2012

Mentorship at Covenant University:

- i. Supervision of B. Sc/ M.Sc Projects

- ii. Supervision/Teaching of M.Sc/ Ph.D courses
- iii. Appointed as Assessor for Ph.D Thesis
- iv. Appointed as Examiner for Ph.D Thesis
- v. Participate in the in-loco parentis role of Covenant University
- vi. Member FSP

Name of current church: Living Faith Church

AWARDS / COMMENDATIONS

1. Best teacher of the year St. Bartholomew Schools, Zaria 2001
2. Best HOD of the year St. Bartholomew Schools, Zaria 2002
3. Best HOD of the year Igbinedion University 2007/2008
4. Vice Chancellor Igbinedion University letter of commendation 2007
5. Dean College of Natural and Applied Sciences IUO letter of commendation 2007
6. Exceptional Lecturer in Biological Science Covenant University 2011/2012 session

CAREER PLAN AND PROGRESSION

Immediate career goals: Train postgraduate students to be well established in research, publish in very high impact journals

Mid-term career goals: Attract grants and collaboration to the University/Patent products

Long-term career goals: Have products in the market/ publish in very high impact journals and win laurels that will promote the institution's image among committees of Universities.

Extra- curricular activities: Evangelism; Playing and watching football; Listening to good music

- Referees:**
1. Prof. V. J. Umoh
Faculty of Science,
Dept. of Microbiology, ABU, Zaria
08036053022
 2. Professor E.I. Atuanya
Department of Microbiology, University of Benin
08033434241
 3. Professor S. N. Chinedu
Dept. of Biological Sciences, Covenant University
08065940573