

C CURRICULUM VITAE FORMAT FOR ACADEMIC STAFF OF THE UNIVERSITY

A. Personal Data

1. Full Name (Surname first): ADEYOMOYE Olorunsola Israel
2. Date of Birth: 18th June
3. Details of Contact Address: Department of Physiology,
University of Medical Sciences,
Ondo City, Nigeria.
 - (a) E-mail address (es): oadeyomoye@unimed.edu.ng
 - (b) Mobile Phone Number(s): 08038701628
4. Nationality: Nigeria
5. State of Origin: Ondo
6. Senatorial District: Ondo South
7. Local Government Area: Ile-Oluji Okeigbo
8. Permanent Home Address: 23, Aroromakinde Street, Off-
Arulogun Road, Ojoo, Ibadan.
9. Marital Status: Married
10. Number of Children and their Ages: 3
11. Next of Kin: Adeyomoye Temitope Ehindero
12. Details of Contact Address of Next of Kin: 23, Aroromakinde Street, Off-
Arulogun Road, Ojoo, Ibadan.
 - (a) E-mail address (es): temitopeehindero20@yahoo.com
 - (b) Mobile Phone Number(s): 07062651997
13. Date of Assumption of Duty: 15th October, 2015
14. Rank/status on First Appointment: Assistant Lecturer
15. Present Status: Lecturer I
16. Date of Last Promotion: 1st October, 2022
17. Present Salary, Grade Level and Step: CONUASS 04 Step 1
18. Date of Confirmation of Appointment: 15th October, 2018
19. Faculty/Directorate: Basic Medical Sciences

20. Department/Unit:

Physiology

B. Educational Background

1. Higher Educational Institutions Attended with Dates:

University of Ibadan	2007 - 2010
University of Ibadan	2012 - 2014
University of Ibadan	2015 - 2021

2. Academic/Professional Qualifications and Distinctions Obtained with Dates:

B.Sc Physiology	October, 2010
M.Sc Physiology	February, 2014
Ph.D. Physiology	May, 2021

3. Other Distinctions and Awards with Dates:

- (a) Scholarship
- (b) Fellowship
- (c) Research Grants
- (d) National Awards
- (e) International awards

C. Work Experience with Dates

1. Previous Work Experience Outside the University System with Dates:

Centre for Control and Prevention of Zoonosis, Faculty of Veterinary Public Health and Preventive Medicine, University of Ibadan, Nigeria. (2014 – 2015).

ECWA College of Health Sciences, Kaduna, Nigeria (2011 - 2012)

2. Previous Work Experience in Other Universities

Nil

3. Work Experience in University of Medical Sciences, Ondo

Assistant Lecturer	2015 – 2019
Lecturer II	2019 – 2022
Lecturer I	2022 – Till date

4. Courses Taught Within the Current Academic Session

- 1. Respiratory Physiology
- 2. Endocrinology and Metabolism
- 3. Exercise Physiology
- 4. Applied and Environmental Physiology
- 5. Cardiopulmonary Physiology
- 6. Literature Review
- 7. Membrane Physiology

5. Graduate Student Supervision Within Current Session

6. Current Undergraduate Supervision.
Supervised four (4) undergraduate students within the current session

D. Membership of Professional Bodies

Full Member & Society Representative: The Physiological Society, United Kingdom.

E. Publications:

	1. Dissertation or thesis
	Adeyomoye O.I. Antidiabetic effects of the Leaf extract of <i>Parquetina nigrescens</i> , Phytol and Squalene in alloxan induced diabetes in male Wistar Rats, PhD Thesis. University of Ibadan, Oyo State, Nigeria.
	2. Published Journals Articles
1.	Olasehinde Adewale, Omoboyowa Damilola, Okoronkwo C.O, Adeyomoye O.I 2012: Screening for cyanide in selected food stuffs and its possible effects on the level of vitamin B complex in the food samples, <i>Journal of Research in Environmental Science and Toxicology</i> Vol. (6) pp. 137-142.
2.	Adeyomoye O.I. , Ige Abayomi, Omoboyowa Damilola Alex, 2012:Gastrointestinal Handling of Glucose in Rats Treated with Methanol Extract of <i>Musa sapientum</i> Leaves, <i>International Journal of Innovation in Medical Science Research</i> Vol. (2) pp.65-73
3.	Ademiju Peter Oluwaduyilemi, Adeyomoye Olorunsola Israel , Omoboyowa Damilola Alex, Olurotimi Ajayi John 2012: Effect of Cadmium chloride on the healing of acetic acid induced ulcer in wistar rats; <i>Global Advanced Research Journal of Medicine and Medical Sciences</i> , ISSN 2315 -5159
4.	Adewoye E.O, Adeyomoye O.I. , Ige A.O. 2015: Effect of iron on pancreatic beta cell function and insulin resistance in female albino rats, <i>J. Afr. Ass. Physiol. Sci.</i> 3 (2): 88 – 93.
5.	Ige A.O, Adeyomoye O.I. , Adewoye E.O, 2015: Impact of oral magnesium on haematology, biochemical profile and liver glycogen in rats, <i>Arch. Bas. App. Med.</i> 3: 65 -70.
6.	Adeyomoye O.I. , Adeola W.F. 2017: Glycemic control and electrolyte changes in diabetic rats treated with pioglitazone, <i>Research Journal of Pharmacology and Pharmacology</i> 2017; 1:6 pp 1-8
7.	Adeyomoye O.I. , Adeleye A.S. 2017: kidney functions in wistar rats treated with artesunate and amodiaquine <i>Int J Med Lab Res</i> , 2(3):33-37
8.	Adeyomoye O.I. , Adewoye E.O., 2018: Preliminary assesment and antioxidative properties of Methanol extract of <i>Parquetina nigrescens</i> in alloxan induced diabetic rats, <i>Asian Journal of Research in Medical and Pharmeceutical Sciences</i> , 3(4): 1-10.
9.	Adeyomoye O.I. , Adewoye E.O., 2018: Phytol reduces oxidative stress and cyclooxygenase-2 expression in kidney of diabetic wistar rats, <i>Recent Advances in Biology and Medicine</i> , Vol 4, Pg 16-19
10.	Adeyomoye O.I. , Adewumi N.A., 2019: Lead exposure causes alteration of haematological indices in adult female Wistar rats, <i>Asian journal of Pharmaceutical</i>

	<i>and Development</i> 7(6): 30-34
11.	Adeyomoye O.I and Adegbite OS. (2020). Lactate and nitric oxide regulations in male Wistar rats exposed to lead. <i>World Journal of Advanced Research and Reviews</i> , 7(2), 01-06.
12.	Akintayo, C. O., Johnson, A. D., Badejogbin, O. C., Olaniyi, K. S., Oniyide, A. A., Ajadi, I. O., Ojewale, A. O., Adeyomoye, O.I. , & Kayode, A. B. (2021). High fructose-enriched diet synergistically exacerbates endocrine but not metabolic changes in letrozole-induced polycystic ovarian syndrome in Wistar rats. <i>Heliyon</i> , 7(1), e05890. https://doi.org/10.1016/j.heliyon.2020.e05890
13.	Olaniyan OT, Adetunji CO, Okotie GE, Adeyomoye O , Anani OA, Mali PC. Impact of COVID-19 on assisted reproductive technologies and its multifacet influence on global bioeconomy. <i>J Reprod Healthc Med</i> 2021;2(Suppl_1):S92-S104.
14.	Adeyomoye OI , Olaniyan OT, Adewumi N, Anyakudo MM. (2022) Honey supplemented with vitamin C prevents dyslipidemia and oxidative stress induced by exposure to lead acetate in Wistar rats. <i>Indian J Physiol Pharmacol</i> . 65(4):229-36
15.	Magnus Michael Chukwudike Anyakudo, Naomi Tinuola. Omogbehin, Olorunsola Israel. Adeyomoye (2022) Beneficial Impacts of Solanum aethiopicum L. in Diabetes Control. <i>International Journal of Nutrition</i> - 7(1):30-40.
	3. Contribution to books (Books Chapters)
16.	Charles Oluwaseun Adetunji, Olugbemi Tope Olaniyan, Olorunsola Adeyomoye , Ayobami Dare, Mayowa J. Adeniyi, Enoch Alex, Maksim Rebezov, Ekaterina Petukhova, and Mohammad Ali Shariati (2022) Smart Sensing for COVID-19 Pandemic. Springer Nature. https://doi.org/10.1007/978-3-030-79753-9_9
17.	Charles Oluwaseun Adetunji, Olugbemi Tope Olaniyan, Olorunsola Adeyomoye , Ayobami Dare, Mayowa J. Adeniyi, Enoch Alex, Maksim Rebezov, Ekaterina Petukhova, and Mohammad Ali Shariati (2022) Internet of Health Things (IoHT) for COVID-19. Springer Nature. https://doi.org/10.1007/978-3-030-79753-9_5
18.	Charles Oluwaseun Adetunji, Olugbemi Tope Olaniyan, Olorunsola Adeyomoye , Ayobami Dare, Mayowa J. Adeniyi, Enoch Alex, Maksim Rebezov, Ekaterina Petukhova, and Mohammad Ali Shariati (2022) eHealth, mHealth, and Telemedicine for COVID-19 Pandemic. Springer Nature. https://doi.org/10.1007/978-3-030-79753-9_10
19.	Charles Oluwaseun Adetunji, Olugbemi Tope Olaniyan, Olorunsola Adeyomoye , Ayobami Dare, Mayowa J. Adeniyi, Enoch Alex, Maksim Rebezov, Ekaterina Petukhova, and Mohammad Ali Shariati (2022) Diverse Techniques Applied for Effective Diagnosis of COVID-19. Springer Nature. https://doi.org/10.1007/978-3-030-79753-9_3
20.	Charles Oluwaseun Adetunji, Olugbemi Tope Olaniyan, Olorunsola Adeyomoye , Ayobami Dare, Mayowa J. Adeniyi, Enoch Alex, Maksim Rebezov, Ekaterina Petukhova, and Mohammad Ali Shariati (2022) Machine Learning Approaches for COVID-19 Pandemic. Springer Nature. https://doi.org/10.1007/978-3-030-79753-9_8
	4. Papers already accepted for publication
21.	Olugbemi Olaniyan, Charles Adetunji, Olorunsola Adeyomoye , Ayobami Dare, Mayowa J. Adeniyi, Alex Enoch (2022). Computational methods for translational brain-behaviour analysis. Elsevier . doi: 10.1016/B978-0-323-90277-9.00025-0.

22.	Olugbemi Olaniyan, Charles Adetunji, Olorunsola Adeyomoye , Ayobami Dare, Mayowa J. Adeniyi, Alex Enoch (2022). Clinical applications of deep learning in neurology and its enhancements with future directions. Elsevier . doi: 10.1016/B978-0-323-90277-9.00026-2.
23	Olugbemi Olaniyan, Charles Adetunji, Olorunsola Adeyomoye , Olorunsola Adeyomoye , Mayowa J. Adeniyi, Alex Enoch (2022). Ensemble sparse intelligent mining techniques for cognitive disease. Elsevier . doi: 10.1016/B978-0-323-90277-9.00027-4.
24.	Olugbemi Olaniyan, Charles Adetunji, Olorunsola Adeyomoye , Ayobami Dare, Mayowa J. Adeniyi, Alex Enoch (2022). Cognitive therapy for brain diseases using deep learning models. Elsevier . doi: 10.1016/B978-0-323-90277-9.00017-1.
25,	Olugbemi Olaniyan, Charles Adetunji, Olorunsola Adeyomoye , Ayobami Dare, Mayowa J. Adeniyi, Alex Enoch (2022). Cognitive therapy for brain diseases using artificial intelligence models. Elsevier . doi: 10.1016/B978-0-323-90277-9.00013-4.
26.	Olugbemi Olaniyan, Charles Adetunji, Ayobami Dare, Olorunsola Adeyomoye , Mayowa J. Adeniyi, Alex Enoch (2022).Clinical applications of deep learning in neurology and its enhancements with future predictions. Elsevier . doi: 10.1016/B978-0-323-90277-0.00016-X.
27.	Charles Adetunji, Olugbemi Olaniyan, Olorunsola Adeyomoye , Ayobami Dare, Mayowa J. Adeniyi, Alex Enoch (2022). An intelligent diagnostic approach for epileptic seizure detection and classification using machine learning. Elsevier . doi: 10.1016/B978-0-323-90277-0.00011-0.
28.	Olugbemi Olaniyan, Charles Adetunji, Ayobami Dare, Olorunsola Adeyomoye , Mayowa J. Adeniyi, Alex Enoch (2022). Neural signaling and communication using machine learning. Elsevier . doi: 10.1016/B978-0-323-90277-0.00012-4.
29.	Charles Adetunji, Olugbemi Olaniyan, Olorunsola Adeyomoye , Ayobami Dare, Mayowa J. Adeniyi, Alex Enoch (2022). Classification of neurodegenerative disorders using machine learning techniques. Elsevier . doi: 10.1016/B978-0-323-90277-9.00028-6
30.	Olugbemi Olaniyan, Charles Adetunji, Ayobami Dare, Olorunsola Adeyomoye , Mayowa J. Adeniyi, Alex Enoch (2022). New trends in deep learning for neuroimaging analysis and disease prediction. Elsevier . doi: 10.1016/B978-0-323-90277-9.00012-2.
31.	Olugbemi Olaniyan, Charles Adetunji, Ayobami Dare, Olorunsola Adeyomoye , Dare, Olorunsola Adeyomoye , Mayowa J. Adeniyi, Alex Enoch (2022). Prevention and diagnosis of neurodegenerative diseases using machine learning models. Elsevier . doi: 10.1016/B978-0-323-90277-9.0009-2.
32.	Olugbemi Olaniyan, Charles Adetunji, Ayobami Dare, Olorunsola Adeyomoye , Mayowa J. Adeniyi, Alex Enoch (2022). Artificial intelligence-based early detection of neurological disease using non-invasive method based on speech analysis. Elsevier . doi: 10.1016/B978-0-323-90277-0.0008-0.
33	Adeyomoye OI , Akintayo CO, Omotuyi KP, Adewumi NA. The biological roles of urea: A review of preclinical studies. <i>Indian J Nephrol</i> XX;XX:XX

6. Edited and Refereed Conference Proceedings

Title	Where Read	Date
*Adewoye E.O, Adeyomoye O.I and Ige A.O, 2014: Effect of Iron on Pancreatic Beta Cell Function and Insulin Resistance in Female Rats	Proceedings of the xxiii rd Annual Scientific Conference of the Society [Niger. J. Physiol. Sci. 28 (December 2013)][www.njps.com.ng]	2013
Effects of honey on glycemic and hematological indices in lead-induced toxicity in male Wistar rats.	Future Physiology 2021 (PC24) https://www.physoc.org/events/future-physiology-2021	2021

7. Manuscript Submitted for Publication (Under peer review)

8. Creative Work

Nil

9. Technical Reports

Nil

10. Papers and Work in Progress.

F. Professional Accomplishment

Nil

G. Conferences, Seminars and Workshops Attended With Dates (Current session)

1. See the Hidden: Spatial Biology (Microscopy Focus) Bitesize Bio (7th July, 2022)
2. Organizer/Facilitator for A-day hands-on workshop on basic molecular techniques, Department of Physiology, University of Medical Sciences, Ondo City, Nigeria (1st June, 2022).
3. 2-Day workshop on Beta Cell Replacement Therapies in T1D organized by the National Institute of Health (NIH), United State of America (18-19 May, 2022)

4. 3-Day Compulsory training workshop for academic staff on Teaching and Learning in Higher Education aimed at improving the Pedagogical Teaching Skills of all Academic Staff at University of Medical Sciences, Ondo City, Nigeria (23-25, Nov. 2021)
5. Recent Advances in Biotechnology Conference, Precious Cornerstone University, Ibadan (4-6 Oct.2021)

H. Current Research Activities

I'm currently investigating the antidiabetic properties of *Ficus exasperatus* in Wistar rats using current biomedical techniques.

I. Current Relevant Information

Other activities within the University (e.g. Position in Hall Administration, University Sports, e.t.c)

- i. Coordinator, Development of Physiology Practical Manual
- ii. Physiology Examination Officer (2015/2016 Session)
- ii. Course Coordinator & Adviser for 100L Physiology students (2015/2016 Session)
- iii. Member of committee on development and review of Physiology Information Hand Book.
- iv. Chairman, Development of Physiology Annual Reports (2015/2016, 2016/2017 Sessions)
- v. Physiology Practical coordinator (2016/2017, 2018/2019 & 2019/2020, 2020/2021, 2022 Sessions)
- vi. Physiology Lecture schedule coordinator (2017/2018 ; 2018/2019,2020, 2021 & 2022 Sessions)
- vii Course coordinator for Bachelor of Nursing Science, Physiotherapy and Medical Physics (2017/2018 & 2019/2020, 2020/2021 Sessions)
- ix. Representative of Head of Department in Board of Examiners meeting.
- x. Faculty of Basic Medical Sciences representative in Faculty Board Meetings of Allied Health Sciences



Signature:.....

24th Feb, 2023

Date:.....