**CURRICULUM VITAE**

**PERSONAL DATA**

Name: ADEMILUSI Emmanuel Oluwaseun

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E-mail Address: [ademilusiemma@yahoo.com](mailto:ademilusiemma@yahoo.com)

Telephone Numbers: +2348055930578, +2348138472909

Nationality: Nigerian

**ACADEMIC QUALIFICATIONS OBTAINED WITH DATES AND INSTITUTIONS**

PhD Physiology, Department of Physiology, University of Ibadan, Nigeria, In view

MSc Physiology, Department of Physiology, University of Ibadan, Nigeria, 2021

BSc (**Hons. 2.1**) Physiology, Department of Physiology, University of Ibadan, Nigeria, 2015

WASSCE, Wesley College of Science (High School), Ibadan, Nigeria 2009

**SCHOLARSHIPS, AWARDS, GRANTS AND PRIZES**

Lehigh University, USA College of Health Innovator Scholarship ($31,500) 2022

Lehigh University’s Graduate Student Senate Travel Grants 2022

The Physiological Society (UK)’s Grant for Carers 2022

The Physiological Society (UK)’s Conference Attendance Award (Travel Grant) 2022

The Physiological Society (UK)’s Outreach Grant 2021

Cash prize for my performance at ECWA Bishara Schools, Gusau, 2017

Gold Medal, Provost Games (College of Medicine), University of Ibadan 2013

List of Best Graduating Students (**Top-10 of 477** at Wesley College of Science) 2009

**WORK EXPERIENCE**

Assistant Lecturer, University of Medical Sciences, Ondo, Nigeria 2022-Present

Customer Care Representative for Airtel,ISON BPOInternational Ltd, Nigeria 2017- 2021

Biology Teacher, ECWA Bishara Schools, Gusau, Nigeria 2016-2017

Physical and Health Education Teacher (NYSC Year), GGDSS, Gusau, Nigeria 2016-2017

**PROFESSIONAL QUALIFICATIONS OBTAINED WITH DATES**

Customer Service Training 2017

Cisco Certified Network Associate (CCNA) 2016

Certificate in Web Design 2016

**Professional accomplishments**

Reviving biology practical classes that had gone extinct prior to my arrival in ECWA Bishara Secondary Schools, Gusau, Nigeria.

**RESEARCH INTEREST**

My research focuses on finding cure or ways to reduce the incidence and progression of cardiometabolic diseases as well as toxicological studies on the effects of environmental toxicants on health. Furthermore, I am working on using my background in statistics, data collection, data analysis and my tech-savviness to analyze the contributions of the human exposome and various other heath determinants to cardiovascular diseases, and toxicology so as to provide recommendations useful in public health.

**MEMBERSHIP OF ACADEMIC PROFESSIONAL BODIES**

* The Physiological Society (UK)
* European Association of Preventive Cardiology
* American Society for Nutrition

**LIST OF PUBLICATIONS**

* **Popoola, A. B., Ademilusi, E. O., Adedeji, T. G. and Fasanmade, A. A. (2022).** Effect of silymarin on blood coagulation profile and osmotic fragility in carbon tetrachloride induced hepatotoxicity in male Wistar rats. *Toxicology reports* 9: 1325-30
* **Jerome Ndudi Asiwe, Tolunigba Abisola Kolawole, Buduchim Rejoice Buduburisi, Olusegun Gafar Adebayo, Ogechukwu Grace Onuoha, Saviour Inegbenehi, Emmanuel Oluwaseun Ademilusi & Datonye Victor Dapper (2022).** Cabbage juice supplementation abrogates Lead acetate-induced haematological and haemorheological imbalances in male Wistar rat. ***Accepted*.** *International Journal of Environmental Health Research*, DOI: [10.1080/09603123.2022.2086973](https://doi.org/10.1080/09603123.2022.2086973)
* **Ademilusi, E. O., Ojetola, A. A., Ademilusi, O. M., Asiwe, J. N. and Fasanmade, A. A. (2022).** Raw garlic homogenate attenuates cardiometabolic risks in Wistar rats exposed to high caloric intake. Under review at *BMC Complementary Medicine and Therapies.*
* **Ademilusi, E. O., Ademilusi, O. M., Adedeji, T. G., Asiwe, J. N. and Fasanmade, A. A. (2021).** Effect of garlic supplementation on erythrocyte osmotic fragility, liver enzymes, serum proteins, hemorheological and haematological variables in rats exposed to fructose sweetened drink. Submitted to *Journal of herbs, spices & medicinal plants.*

**CONFERENCE PAPERS**

* **Ademilusi, E., Fasanmade, A. and Ademilusi, O. M. (2022).** ‘Raw garlic homogenate attenuates fructose induced alterations in cardiometabolic, hemorheologic and haematologic variables in Wistar rats.’ *Europhysiology,* ***Accepted.*** Copenhagen***.***
* **Ademilusi, E., Fasanmade, A. and Ademilusi, O. M. (2022, 16-18 September).** ‘Consequences of sugar sweetened drink consumption in Wistar rats.’ *Europhysiology,* ***Accepted.*** Copenhagen***.***
* **Ademilusi, E., Fasanmade, A. and Ademilusi, O. M. (2022).** ‘Impact of fructose sweetened drink on serum proteins, erythrocyte osmotic fragility, haematological variables and hemorheological properties in wistar rats.’ *Frontiers in cardiovascular biomedicine,* ***Accepted***. Budapest (Abstract number 70369).
* **Ademilusi, E. O. and Fasanmade, A. A. (2021).** 'Impact of garlic supplementation on fructose-induced adverse effects in Wistar rats.' Ed. Arinola O. G. *Dynamism in biomedical sciences and research*. Ibadan. (Conference proceedings will be published in *Archives of Basic and Applied Medicine*).

**DISSERTATION**

* **Ademilusi, E. O. (2021).** Effect of Fructose Feeding and Garlic Supplemented Feed on Hemorheological Status and Hematological Variables in Wistar Rats
* **Ademilusi, E. O. (2015).** Effect of restrain-induced and noise-induced stress on blood glucose level and blood parameters in the African common toad (*Amietophrynus regularis)*

**CONFERENCES ATTENDED**

7th Unibadan Conference of Biomedical Research, Ibadan, Nigeria 2021

The Physiological Society (UK)’s Annual Conference 2021

Experimental Models in Physiology, Online 2021

Student Physiological Association of Nigeria Conference, Ibadan, Nigeria 2012

**RESEARCH SKILLS**

**Protein analysis**: protein detection and quantification using immunohistochemistry, ELISA, Spectrometry methods, mass spectrometry, protein purification using HPLC

**Animal models**: disease induction models and inbred strains

**In vitro**: cell counting using haemocytometer and microscopic investigation

**In silico**: Data science

**Other techniques**: In vivo biology

**Scientific writing**: grant, proposal and manuscript writing

**Other skills**

* Soft skills
* Data Collection
* Data Analysis (using R, Graphpad, SPSS and Excel)
* Computer Literacy and proficient user of Microsoft Office and Google suite products
* Languages (English, Yoruba and Hausa)
* Web Design and computer programming (HTML, CSS, JavaScript)

**SERVICES TO LOCAL, STATE AND NATIONAL BODIES**

Health Awareness Programmes (Community Sensitization) Gusau, Nigeria 2016-2017

Free health care delivery across different states in Nigeria 2012-2017

Coaching my class football team

**EXTRA-CURRICULAR ACTIVITIES**

* Counselling and mentoring young people
* Network Engineering
* Coaching and watching football

**LEADERSHIP POSITIONS HELD**

Christ Apostolic Church Coppers Fellowship General Coordinator for Zamfara State 2016-2017

National Association of Ondo and Ekiti States Christian Students

Coordinator for Oyo State 2014-2015

**REFEREES**

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| Professor Adesoji Fasanmade  Physiology Department  University of Ibadan, Nigeria.  Tel: +2348033284877  Email: [adesojif@yahoo.com](mailto:adesojif@yahoo.com) | Pharm. Amusan Abiodun  Department of Pharmacology and Toxicology.  University of Ibadan, Nigeria.  Tel: +2347031189247  Email:amusanabiodun86@gmail.com | Mr. Emmanuel Enendu  Operations Department.  ISON BPOInternational Ltd, Nigeria.  Tel: **+**2348088990847  Email: [emmanuelenendu24@gmail.com](mailto:emmanuelenendu24@gmail.com) |

**SIGNATURE AND DATE**

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4th June, 2022.