**CURRICULUM VITAE**

1. **BIODATA**

**NAME:** OYOVWI, Mega Obukohwo

**DATE & PLACE OF BIRTH:** 1st September, 1983; Marierie Hospital

**SEX:** Male

**NATIONALITY:** Nigerian

**STATE OF ORIGIN:** Delta

**L.G.A:** Ughelli South

**MARITAL STATUS:** Married

**NUMBER OF CHILDREN:** Two (2)

**PERMANENT ADDRESS:** 5, Ighoroje Street, Adonai Road

Kes College, Ughelli Delta State

**CONTACT ADDRESS:**  Opposite FMC, Owo Ondo State

**PHONE NUMBER: 08066096369 & 09055158093**

**E-MAIL:** [*Megalect@gmail.com*](mailto:Megalect@gmail.com)

**RELIGION:** Christian

1. **(i) FIRST ACADEMIC APPOINTMENT**

Achieve University, Owo,Ondo State2018/2019

**(ii) Present Position (To date)** Lecturer I

1. **CAREER GOAL :**

To obtain a position of a Health Sciences in any industries & University that will offer me an opportunity to share my knowledge and skills for the growth of such industries & University and where I can work with existing staff to improve my career

1. **INSTITUTIONS ATTENDED (WITH DATES)**

* University of Ibadan, Ibadan **2013-2014**
* Delta State University, Abraka **2005-2010**
* Noble Crest Secondary School, Ughell **1996-2003**

1. **ACADEMIC QUALIFICATION (WITH DATES)**

* PhD. Physiology, Delta State University **2021**
* M.Sc. Physiology (PhD Grade), University of Ibadan **2014**
* B.Sc (Lab .Tech) in Biomedical Technology (Second Class Upper) **2010**
* National Youth Service Corps (NYSC) Certificate of Exclusion **2010**
* Senior School Certificate examination **2003**

1. **PROFESSIONAL QUALIFICATION (WITH DATES)**

* Nigeria Institute of Science Laboratory Tech Certificate (License) **2010**

1. **MEMBERSHIP OF PROFESSIONAL ORGANISATIONS**

* Member Nigerian Institute of Science Laboratory Technology (NISLT)
* Member Physiological Society of Nigerian (PSN)
* Member of the Physiology Society (Member ID-151040)
* Member International Union of Physiological Sciences (IUPS)
* Member African Association of Physiological Society (AAPS)
* Member American Association of anatomist (Member ID-50143)

1. **DETAILS OF TEACHING & WORKING EXPERIENCE**

* **Achiever University, Owo, Ondo State 2018/2019**
* **-Assistant Lecturer:** Department of Basic Medical Science (Physiology Unit)

**Job Description**

Teaching and research

Promote academic culture and collaborations

Assessing students and providing guidance

Teaching of Medical Lab. Science, Public Health, Physiology, Anatomy, Biomedical Engineering and Nursing B.Sc Students

Prepare questions for examination, invigilation and Collation of results

Coordinate Practical sections for students

* **- Lecturer II:** Department of Basic Medical Science (Physiology Unit)

**Job Description**

Teaching and research

Promote academic culture and collaborations

Assessing students and providing guidance

Teaching of Medical Lab. Science, Public Health, Physiology, Anatomy, Biomedical Engineering and Nursing B.Sc Students

Prepare questions for examination, invigilation and Collation of results

Coordinate Practical sections for students

* **Lecturer I**, Department of Physiology **03/2021**

**Job Description**

Teaching and research

Promote academic culture and collaborations

Assessing students and providing guidance

Teaching of Medical Lab. Science, Public Health, Physiology, Anatomy, Biomedical Engineering and Nursing B.Sc Students

Prepare questions for examination, Chief invigilation and Collation of results

Coordinate Practical sections for students

* **Statutory member of Senate, Achievers University 2021**

**Job Description**

Articulate the peculiarities and needs of the faculty and lead the debate for senate approval

Contribute meaningfully to the growth and development of the university

Communicate to the faculty board members the decisions of senate

Originate and present sound academic policies in tandem with best global practices.

* **Teaching of Undergraduate Students**
  1. Endocrinology and Reproductive Anatomy/Physiology
  2. General Physiology: Introduction, Cells, Blood and Excitable tissues
  3. Body fluid and Renal Physiology
  4. Cardiovascular Physiology
  5. Gastrointestinal Physiology
  6. Medical Physics
  7. Physiology I (For BME ans Public Health)
* **Teaching of Postgraduate Students**

1. Pathophysiology in Nurses practices

* **Departmental Coordinator, Exams and Assessment**

**Job Description**

Prepare examination question to avoid leakage

Facilitate the proper use of available hall and lecture auditoria

Arrange for the computation and presentation of departmental results for senate approval.

* **Member, College curriculum review committee 2021**

**Job Description**

Review of curriculum in line with the NUC minimum benchmark

To monitor the implementation of approved curriculum

* **Member, College accreditation committee 2021**

**Job Description**

Prepare all the departments of the college for accreditation

Liaise with Directorate of academic planning of the University for the Implementation of various NUC guidelines

* **Member, Scientific committee 2021**

**Job Description**

Determine the conference theme

Select the abstract/paper reviewers

Determine the conference sub-themes

Determine the criteria for abstract selection, number of words and keywords

* **Member and Secretary, University Journal Editorial Board 2012**
* **Head of Department, Physiology 2021**

**Job Description**

Responsible for day to day administration of the department

Reports to the Vice Chancellor through the Dean of the faculty

Chairman and Chief examiner of the department

Ensure discipline of staff and Students of the department

Ensure compliance to best practices, and cordial relationship between Staff and Students

Ensure timely preparation of results and mobilization of students for NYSC

* **Physiological Society Representatives, Acheivers University:**

Promote Membership

Coordinate the Departmental Seminar Scheme

Promote Summer Studentships

Nominate students for the Undergraduate Prize for Physiology

* **University of Ibadan, Oyo State 2014**

Coordinated Practical Sections for 200 level B.Sc Physiology Students

* **Delta State University, Abraka (DELSU) 2005**

Coordinate MBP tutorial classes for 100 – 500L SLT & 100-300L Medical Students

* **Group Christian Medical Centre, Warri, Delta State 2009**

**Job Scope** (Industrial Training: Medical Laboratory Technologist/Scientist)

**-**Setting up of experimental experiment in the Laboratory

-Calibration, maintenance & operation of experimental equipment in the Laboratory

-Maintenance of Laboratory quality Assurance & safety Standard

**-**Analysis and Observation of biology samples (Urine & Blood) in the Laboratory

**-**Cell and culture examination

**-**Conduction of blood test, cross matched blood for transfusion & blood count

**-**Evaluation of test result & preparation of report

**-**Recording of test data

* **Our Lady of Mercy Secondary School, Orerokpe,Delta Sept 2011–March 2012**

**-Teacher:** Biology & Physics (SS 1-3)

* **School of Health Science and Technology, Delta April 2012–Jan 2013**

**- Part Time Lecturer:** Community Health Sciences

**Course taught:** Physiology/Anatomy

**• Shalom Demonstration Secondary school, Oghara, Delta state**

-**Teacher:** Biology & Physics (SSS 1-3)  **Oct 2014 – Feb 2016**

* **Atmosphere International School (British Standard), Ughelli, Delta State**

- **Teacher:** Biology & Computer Science **March 2016**- **Till-Date**

- **Responsibilities:**

1. Assigning the study work to the students and helping them to solve the problems regarding the work
2. Providing a healthy atmosphere for better results in the teaching process
3. Participating with students in a discussion so that they can state their problems as well as update their knowledge
4. Advising the students regarding study related issues and thus making them proficient in the subject
5. Motivating students, evaluating their performances, and providing them a concrete feedback
6. **ADMINISTRATIVE EXPERIENCE**

* Physiological society Representative, Achiever University **2019/2020-till date**
* Member of the Scientific Conference Organizing committee, Achievers University, Owo, College of Natural and Applied Sciences  **2019/2020**
* Member committee on operational manual and students handbook for nursing postgraduate programme **2020/2021**
* Member linkage and inter-institutional collaborations and partnership **2020/2021**
* Member College lectures organizing committee **2020/2021**
* Postgraduate and Undergraduate Project Research Analyst in MBP Consult Delta State University, Abraka **2009–2010**
* P.O. Presiding Officers during Election **2011**
* Head of Science Classes in Shepherd college Academy, Delta State **2011–2011**
* Principal Academy in Shalom Demonstration School, Delta State **2014–2016**
* Head of class (SS2) in Atmosphere international school **2016–2017**
* Head of Sciences in Atmosphere international school **2016–2017**
* ICT Instructor in Atmosphere international School **2016–2017**

**J. RESEARCH WORK COMPLETED**

**a. COMPLETED**

* Effects of Coconut (Cocos nucifera) Water on the reproductive function in danazol (GnRH-Antagonist) treated Wistar Rats (M.Sc. Project; University of Ibadan, Ibadan)
* Chromatin Remodeling during spermatogenesis (Seminar paper presented to the Department of Physiology, University of Ibadan)*.*

**b. Ph.D DESERTATION AND THESIS**

**1.** Assessment of the effects Coenzyme Q-10 and Taurine on Chlorpromazine-induced hyperprolactinemia and reproductive dysfunction in male Wistar rats Q10 (**PhD** Thesis- **Completed**)

K. **PUBLICATIONS**

**Publications in High Impact Journals listed in SCOPUS, Elsevier and Thompson Reuters**

1. **Oyovwi MO,** Nwangwa EK, Ben-Azu B, Rotu RA, Edesiri TP, Emojevwe V, Igweh JC, Uruaka IC (2021)**.** Prevention and reversal of chlorpromazine induced testicular dysfunction in rats by synergistic testicle-active flavonoids, taurine and coenzyme-10.*Reproductive Toxicology*. *101: 50-62* DOI: [10.1016/j.reprotox.2021.01.013](https://www.researchgate.net/deref/http%3A%2F%2Fdx.doi.org%2F10.1016%2Fj.reprotox.2021.01.013?_sg%5B0%5D=l0ta24NoZmPKxQPzU0Fv_P0-IaD9s2Qb8ZcMUMh0kKe3qafECBL4wMMJPr0GfClxnVOksl98kac8K-bqNvLHkJgVNg.RGZ4n27HhhyLpVPBUobYWj0ncHd1Ui6kPcbzAAx4OShe90VSz_Qb_QeNeDP08IkRreZdaOubRiFvvgHEP4mvOA) (Elsevier) (PhD Research)
2. **Oyovwi MO,** Nwangwa EK, Ben-Azu B, Edesiri TP, Emojevwe V, Igweh JC (2020)**.** Taurine and Coenzyme Q-10 prevent and reverse chlorpromazine-induced psycho-neuroendocrine changes and cataleptic behaviour in rats .*Naunyn-Schmiedeberg's Archives of Pharmacology*. 394:717–734 https://doi.org/10.1007/s00210-020-02003-z (Springer) (PhD Research)
3. **Oyovwi MO** , Benneth Ben-Azu, Edesiri P. Tesi , Abioye A. Oyeleke , Christian I. Uruaka, Rotu A. Rotu , Eneni Okubo Aya-Ebi. (2021). Repeated endosulfan exposure induces changes in neurochemicals, decreases ATPase transmembrane ionic-pumps, and increased oxidative/ nitrosative stress in the brains of rats: Reversal by quercetin . *Pesticide Biochemistry and Physiology*, <https://doi.org/10.1016/j.pestbp.2021.104833> Epub 2021 Mar 26. PMID: 33993958.
4. Emojevwe V, Naiho AO, Nwangwa EK, **Oyovwi MO**, Anachuna KK, Agbanifo-Chijiokwu E, Daubry TME. Duration-dependent effects of high dose of phthalate exposure on semen quality in adult male rats. JBRA Assist Reprod. 2021 Aug 2;0(0):0. doi: 10.5935/1518-0557.20210033. Epub ahead of print. PMID: 34338483
5. Aisuodionoe1 EM, Odigie OM, Naiho AO, **Oyovwi MO**, Igweh JC (2018). Hepatic, Renal, and Anti-oxidant Function Markers Can Improve in Dose-dependent Administration of Fresh Coconut Oil. AJRIMPS.40811 3(3): 1-12
6. Nwangwa EK, Ekhoye EI, Ekene EN, **Oyovwi** **MO** (2018). Mitigations in Selected Hemostatic Parameters in Administration of Graded Doses of Dexamethasone and Its Blockers on Wistar Rats JAMPS.41654 17(3): 1-7
7. Kunle-Alabi OT, Akindele OO, **Oyovwi MO**, Duro-Ladiipo AM and Raji Y (2014). *Cocos nucifera L.* water improves reproductive indices in Wistar rats. Afr. Jour. Med. Med. Sci. 43: 305-313 (M.Sc Research Thesis)
8. Kunle-Alabi OT, Akindele OO, **Oyowvi MO**, Duro-Ladipo M and Raji Y (2015): Effects of coconut water on reproductive functions in danazol treated Wistar rats. The FASEB Journal 04/2015. Vol 29(1); Supplement 685.1-Proceeding of Exp. Biol
9. **Oyovwi M.O,** Tesi P.E, Rotu R.A, Nwangwa N.K, Emojevwe V, Benneth Ben-Azu, Ozegbe Q.E.B. Ameliorative Effects Of Lutein Against Cyclosporine-Induced Testicular Oxidative Stress, Apoptotic And Inflammatory Flux In Male Wistar Rats**.** Clinical and Experimental Obstetrics & Gynecology,2021, 48(3):733-777 DOI: 10.31083/j.ceog.2021.03.0511
10. **Oyovwi, M. O.,** Ben-Azu, B., Edesiri, T. P., Victor, E., Rotu, R. A., Ozegbe, Q. E., Nwangwa, E. K., Atuadu, V., & Adebayo, O. G. (2021). Kolaviron abates busulfan-induced episodic memory deficit and testicular dysfunction in rats: The implications for neuroendopathobiological changes during chemotherapy. *Biomedicine & Pharmacotherapy*, *142*, 112022. <https://doi.org/10.1016/j.biopha.2021.112022>
11. **Oyovwi Mega Obukohwo**, Nwangwa Eze Kingsley, Rotu Arientare Rume and Emojevwe Victor (2021): The Concept of Male Reproductive Anatomy. DOI: <http://dx.doi.org/10.5772/intechopen.99742> (BOOK CHAPTER ON MALE REPRODUCTIVE ANATOMY)
12. Emojevwe Victor, Igiehon Osarugue, **Oyovwi Mega Obukohwo**, Nwangwa Eze Kingsley and Naiho Alexander Obidike (2021): Endocrine Functions of the Testes DOI: http://dx.doi.org/10.5772/intechopen.101170 (BOOK CHAPTER ON MALE REPRODUCTIVE ANATOMY)
13. Gideon T. Olowe, Simon I Ovuakporaye, Bartholomew C. Nwogueze, **Mega O. Oyovwi**, Emmanuel I. Odokuma, Victor Emojevwe (2021). Evaluation of Neonatal Cardiopulmonary and Anthropometric Indices: A Key Predictive Clinical Biomarker for Neonatal Health Status. DOI: [10.21203/rs.3.rs-939470/v1](https://dx.doi.org/10.21203/rs.3.rs-939470/v1)
14. Tesi, E. P., Ben-Azu, B., **Mega, O. O.,** Mordi, J., Knowledge, O. O., Awele, E. D., Rotu, R. A., Emojevwe, V., Adebayo, O. G., & Eneni, O. A.- E. (2022). Kolaviron, a flavonoid- rich extract ameliorates busulfan-induced chemo- brain and testicular damage in male rats through inhibition of oxidative stress, inflammatory, and apoptotic pathways. Journal of Food Biochemistry, 00, e14071.
15. **Mega O. Oyovwi1,** Benneth Ben-Azu, Tesi P. Edesiri, Rotu R. Arientare, Victor Emojevwe, Kingsley E. Nwangwa, Kesiena E. Edje, Olusegun G. Adebayo. (2022): Lutein Attenuates Cyclosporin-induced Testicular Impairment in Male Rats through Modulation of Androgenic Hormones nd Enzymes. Pharmacol Toxicol Nat Med 2(1): 12-24. DOI: 10.52406/ptnm.v2i1.17

**PUBLICATIONS CURATED BY COMPARATIVE TOXICOGENOMICS DATABASE (CTD)**

* Prevention and reversal of chlorpromazine induced testicular dysfunction in rats by synergistic testicle-active flavonoids, taurine and coenzyme-10. Reprod Toxicol. 2021 Apr;101:50-62

L. **CONFERENCES, WORKSHOP TRAINING AND SUMMIT ATTENDED WITH PAPER PRESENTED**

* Certificate of participation in the 3**3nd** Annual Scientific Conference of Physiological Society of Nigeria, Faculty of Basic Medical Sciences, College Of Medicine, University Of Ibadan.

**Theme:** Physiology: The Laboratory, the Hospital and the society. **February, 2014.**

* Certificate of participation in the International Union of Physiological Sciences (IUPS) Regional Teaching and Research Workshop and the 3**4th** Physiological Society of Nigeria (PSN) Scientific Conference held at the Lagos Sheraton Hotel, Ikeja, and Lagos, Nigeria.

**Theme:** Paradigms in Physiology Teaching and Research. **October, 2014.**

* Certificate of completion in the **1st** ADInstruments Physiology workshop held in collaboration with the International Union of Physiological Sciences (IUPS) and Physiology society of Nigeria (PSN) at the University of Lagos on **23rd October 2014**.
* Certificate of Participation in **1st** Scientific Training workshop on Instrumentation and Biomedics Technology, College of Medical Sciences, Delta State University by BSB Consults in conjunction with Institute of Science Lab. Technology**. September 2008**
* Certificate of attendance in the 12th Annual Conference of the Neuroscience Society of Nigeria (NSN) held at the College of Health Sciences, University of Ilorin, Nigeria.

**Theme: ‘**The environment and Neuroscience Research in Developing countries’

**November, 2014**

* Certificate of participation in the 3**5ft** Annual Scientific Conference of Physiological Society of Nigeria, Faculty of Basic Medical Sciences, College of Medicine, University of Nigeria, Enugu Campus (UNEC).

**Theme:** The role of Physiology in Health care delivery **September, 2015**

* Certificate of attendance in the 7th international congress of the African Association of physiological sciences (AAPS) & 36th physiological society of Nigeria (PSN) scientific conference, Welcome Centre Hotel, 70, international Airport Road, Ikeja, Lagos Nigeria.

**Theme:** Physiology and Biotechnology**. September, 2016**

* Certificate of attendance in the international Physiology Society-virtual conference. **Theme:** Future Physiology, 2020  **6-10th July, 2020**
* Certificate of participation in the ADInstruments Physiology workshop held in collaboration with the the University of Swabi United Medical and Dental College at the International Webinar

**Theme:** Lt Software: Virtual Lab Concept  **25th July, 2020**

* Certificate of attendance in the Nigerian Academy of Science-virtual NAS COVID-19 Conference.  **12th August, 2020**
* Certificate of attendance in the Physiology Society-virtual workshop. **Theme:** Hormonal Regulation of Reproduction, Maternal and offspring Metabolism

**28th July, 2020**

### Certificate of attendance in the 20 year advance Scientific communication, SelectScience.

### Theme: Chimeric Antigen Receptor T Cells as a Model for Global Clinical Development and Commercialization.

**20th June/27th Oct, 2020**

### Certificate of attendance in the 20 year advance Scientific communication, SelectScience.

### Theme: The journey from metabolomics to mechanisms with mass spectrometry

**21th Aug/27th Oct, 2020**

### Certificate of attendance in the 20 year advance scientific communication, SelectScience.

### Theme: Goodbye ELISA – It’s Time for LumitTM Immunoassays

### 2nd July/27th Oct, 2020

### International symposium on reproductive health held in collaboration with the Physiological society (Physoc)

### Theme: Overcoming barriers in research in reproduction 7th May, 2021

### Workshop on technology for online facilitation: Moodle May, 2021

### Workshop training on improving visibility and impact of publication. 7th July, 2021

### Workshop retreat on template for seminar, PGD, MBA, M.Sc and PhD programme

### 7th May, 2021

* Certificate of participation in the 1st Annual Scientific Conference of College of Natural and Applied Sciences (CONAS), Achievers University, Owo, Nigeria.

**Theme:** Physiology: Scientific Research for national Empowerment and development strategies. 13th **August, 2021**

* The International Summit on SDGs Africa, University Cape town (Virtual attendance)

**Theme:** Science, Technology and innovation

13th – 15th **September, 2021**

**Lectures/papers presented to Public/ Academic Audience and conferences**

1. **Oyovwi M.O** (2016) The Physiological and psychological implications of early sexual activity in adolescence, being a keynote lecture delivered to the African Church Students Evangelical fellowship (TACSEF)’ Ughelli Diocese during their National Conference, Abraka 2016
2. **Oyovwi M.O** (2020). The sperm electrogenic pump and biochemical analysis of coenzyme q-10 and taurine in preventing chlorpromazine-induced peroxinitrite formation in rats model (Research paper presented to the Future Physiology-Virtual Conference (PC0071), 2020 )
3. **Oyovwi M.O** (2021). The vision of Delta Central College of Management and Science (DECCOMS) in affiliation to Temple Gate Polytechnic at their 1st matriculation ceremony, Ughelli, Delta State.
4. **Oyovwi M.O** (2021). Ameliorative Effects Of Lutein Against Cyclosporine-Induced Testicular Oxidative Stress, Apoptotic And Inflammatory Flux In Male Wistar Rats**.** International Symposium for Reproductive Health (ISRH); An online symposium held in collaboration with Physiology Society on 7th May, 2021
5. **Oyovwi M.O** (2021). Involvement of Quercetin therapy on endosulfan based mechanism linked with testicular immune derangement and cytotoxic potential of anticholinesterase activities in male Wistar rats. Dated 11th -13th August, 2021

**SCHOLARSHIPS, FELLOWSHIPS, GRANTS AND PRIZES (WITH DATE)**

1. SDGs Africa Summit Data Grant, 2021
2. Physoc UK Outreach Grant, 2021
3. Institutional Engagement Grant (Physoc), 2021
4. Support and inclusion Fund (Physoc), 2021
5. Travel grant (Physoc) for AAA Conference, 2021

**M. SYNOPSIS OF SKILLS AND EXPERTISES**

1. Animal Handling**:** Works with rat, rabbit and mice; Dosing routes: oral, intraperitoneally, subcutaneously. & intramuscular; Collection of blood by cardiac puncture, blood plasma and serum separation, perfusion methods.
2. I also have considerable expertise and interest in Biomedical Research, Clinical Laboratory position and Medical Education with emphasis on Lecturing Skills.
3. Profound knowledge of Human and Animal Biology
4. Ability to experiment on different sections of Animal and Human Biology
5. Capacity to research and problem solving attitude
6. Writing of articles for medical journal

**N. KEY STRENGHT/TRAITS**

* Ability to work with minimal supervision, Fast learner, Creative and team oriented,

Strong Interpersonal and Leadership Skills.

**O. HOBBIES**

* Lecturing and impacting knowledge
* Research, Reading and Analysis
* Playing of chess game, scramble, and football.

**P. COMPUTER KNOWLEDGE**

* Operating system of windows XP, Vista, 7 , 8 & 8.1
* Application Package/Software: Microsoft Office, power point, SPSS, Graph-pad Prism 5, Use of Internet.

**Q. SCOPE OF RESEARCH ACTIVITIES**

* Human/Animal Physiology
* Fetal programming
* Neuroendocrine and Reproductive physiology
* Oxidative damage to brain and testicular tissues and mechanisms involved in complications of reprotoxicity
* Aging and free radical mechanisms
* Environmental Physiology and Toxicology

**R. PERSONAL PROFILE**

* Self motivated and target-oriented
* Ability to work effectively in a team
* Good inter-personal skills
* Effective communication, problem solving with strong analytical mind

**R. REFEREES**

* **Prof. Nwangwa Eze Kingsley (Dean College Of Health Sciences)**, Department of physiology, Faculty of basic medical science, Delta state University, abraka., **Tel:** *080335010235* . **Email**:[*drezekingx@yahoo.com*](mailto:drezekingx@yahoo.com)*.*
* **Prof. Adesoji A Fasanmade;** Endocrinology & Metabolism unit, Department of Physiology, College of Medicine, University of Ibadan Oyo State., **Tel:** *08033284877*. **Email**:[*adesojif@yahoo.com*](mailto:adesojif@yahoo.com)
* **Professor C. Peter Aloamaka:** Former Deputy Vice Chancellor (Administration) Delta State University, Abraka Nigeria +2348033962720 **Email**: *cpaloamaka@delsu.edu.ng*

**Name & Signature: Oyovwi Mega.O date: 20/09/2021**