**UNIVERSITY OF MEDICAL SCIENCES, ONDO TOWN, ONDO STATE**

**CURRICULUM VITAE**

1. **PERSONAL DATA**
2. **Full Name (Surname first):** OLUFEMI, Ayodele Philip
3. **Date of Birth:** 5th September, 1985
4. **Details of Contact Address:** Department of Physics,

 University of Medical Sciences, Ondo, Ondo State

1. **Phone Numbers**: 08039515171
2. **Nationality**: Nigerian
3. **State of Origin:** Osun State
4. **Permanent Home Address:** 7, Ibukun Olu line 2b Opa area, Ile-Ife, Osun State.
5. **Number of Children and their Ages:** One (3 year, 2 months)
6. **Next of Kin**: Gloria Olufemi
7. **Faculty/Directorate:** Science
8. **Department/Unit:** Physics
9. **EDUCATIONAL BACKGROUND**
10. **Educational Instituitions Attended with dates**
11. Obafemi Awolowo University, Ile-Ife, Nigeria 2013 - 2015
12. Obafemi Awolowo University, Ile-Ife, Nigeria 2005 – 2009

**2. Academic and Professional Qualifications (with dates)**

 (i) M.Sc. Physics 2015

(ii) Bachelor of Science (2nd Class Honours Upper Division) 2009

1. **Other Distinctions and Awards with Date:**
2. Scholarship: Oduduwa Investment Company Scholarship, March, 2009
3. Research Grants: Nil
4. National Awards: Nil
5. International Awards: Nil
6. **WORK EXPERIENCE WITH DATES**
7. **Previous Work Experience outside the University System with Dates:**
8. Independent National Electoral Commission2011Duty: *Ad hoc Staff*

1. Zamfara State College of Education, March 2011-Feburary 2012

Department:Department of Physics

Duty: *Assistant Lecturer*

1. **Previous Work Experience in Other Universities:**
2. Research Assistant, Atmospheric Research Laboratory,

Department of Physics and Engineering Physics, OAU, Ile-Ife July 2013 – April. 2015

1. Part One Practical Instructor ***(Part time)*,**

Department of Physics and Engineering Physics, OAU**,** Ile – Ife July 2013 – April. 2015

1. **Work Experience in University of Medical Sciences, Ondo, Ondo State (UNIMED):**

Assistant Lecturer 15th February, 2016 – Date.

 Courses being taught:

 First Semester:

1. PHY 111 (3 unit): General Physics I (**Shared**)
2. PHY 113 (1 unit): Experimental Physics I (**Shared**)
3. PHY 211 (3 unit): Classical Mechanics I (**Shared**)
4. PHY 213 (1 unit): Experimental Physics I (**Shared**)
5. PHY 214 (2 unit): Electric circuit (**Shared**)
6. PHY 311 (3 unit): Classical Mechanics II (**Shared)**

Second Semester:

1. PHY 121 (3 unit): General Physics II- Electricity and Magnetism I (**Shared**)
2. PHY 122 (1 unit): Experimental Physics II (**Shared**)
3. PHY 221 (2 unit): Waves and Optics
4. PHY 223 (1 unit): Experimental Physics II (**Shared**)
5. PHY 225 (3 unit) General Modern Physics **(shared)**

**D. MEMBERSHIP OF PROFESSIONAL BODIES**

(i) Member, International Association of Hydrological Sciences (14809)

(ii) Member, American Physical Society (61276351)

1. Member, American Association of Physics Teachers (122320)
2. **PUBLICATIONS**
3. **Thesis/ Dissertation:**
4. Fadele A. O., (2015). An Investigation of Non-closure of the Surface Energy Balance over a Grass Covered Surface at a Tropical Site in Ile-Ife Nigeria. (Unpublished M.Sc. Thesis, Obafemi Awolowo University, Ile-Ife, Nigeria).
5. Fadele A. O., (2010). Impact of Information Communication Technology on Teaching and Learning of Physics (Unpublished B.Sc. Thesis, Obafemi Awolowo University, Ile-Ife, Nigeria).

**2 Books/ Monographs:**

1. Authored – None
2. Edited – None
3. Contribution to Books – None

**3(a). Published Journal Articles** (numbered chronologically in the following format) Surname, Initials, Year, Title of Article, Journal, Volume (no), first-last page**:**

1. O. A. Babatunde, O. E. Abiye, L. A. Sunmonu, **A. P. Olufemi,** M. A. Ayoola, O. E. Akinola, E. O. Ogolo (2017): A comparative evaluation of four evapotranspiration models based on Eddy Covariance measurement over a grass covered surface in Ile-Ife, Southwestern Nigeria. Model. Earth Syst. Environ. **DOI 10.1007/s40808-017-0389-6 (Springer)**
2. Lukman A. Sunmonu, **Ayodele P. Olufemi**, Olawale E. Abiye and Oladimeji A. Babatunde (2019): Estimation of Sensible Heat Flux at a Tropical Location: A performance evaluation of Half-Order Time Derivative Method. Model. Earth Syst. Environ. **DOI 10.1007/s40808-019-00638-3 (Springer)**
3. Toyeje A.B., Sunmonu L.A., Babatunde O.A., Abiye O.A., **Olufemi A.P.,** Soneye O.O. Ayoola M.A., Omokungbe O. R., Obisesan O.E.: Evaluation of the Performance of some Evapotranspiration Models at a Tropical Location in Ile – Ife, Nigeria. Asian Journal of Applied Sciences. (**Accepted for publication**)

**3(b) Published Refereed Conference Proceedings** (Numbering continuous with 3(a) Format: Surname, Initials, Title, In: Proceedings, Dates, Venue, Publisher, City; pp): None

**3(c) Manuscripts Accepted for Publication** (Numbering continuous with 3(b); Format as in 3(a) or 3(b)): None

**4. Published Non–Refereed Conference Proceedings** (Numbering and Format as in 3(b)): None

**5. Manuscripts Submitted for Publication:**

(i) Ogundele L.T., Ayeku P. O., Adejoro I. A., Adebayo A. S., **Olufemi A**.**P**: “Sources, Ecological Risks and Pollution evaluation of Heavy Metals in the Soil affected by Municipal Waste in Ondo city, Nigeria” (under peer review)

(ii) O.R. Omokungbe, O.K. Owoade, O.G. Fawole, F.S. Olise1, L.A. Sunmonu, O.A. Abiye, **A. P Olufemi,**A.B. Toyeje, O.P. Abiodun, L.T. Ogundele, M.A. Popoola, L.J. Roderic, M.A. Ayoola: Diurnal variation of Airborne Particulate Matter with Prevailing Meteorological conditions across a semi-urban town using a Network of low-cost Air Quality Sensors (under peer review)

(iii) O.G. Fawole, O.R. Omokungbe, O.K. Owoade, F.S. Olise, L.A. Sunmonu, **A. P Olufemi**,A.B. Toyeje, O.P. Abiodun, L.T. Ogundele, O.A. Abiye, M.A. Popoola, L.J. Roderic, M.A. Ayoola: Low-cost air quality sensors: Field Evaluation for reliable Meteorological Data acquisition in the Tropics (under peer review).

1. K A. Rabiu, L.A. Sunmonu,, **A. P Olufemi,** O. A. Babatunde:Numerical Modelling of Harmattan Dust Observed in Nigeria using Hybrid Single-Particle Lagrangian Integrated Trajectory (HYSPLIT) (under peer review)

**6. Technical Reports:** None

**7**. **Papers and Works in Progress:**

(i)Measurement and modelling of Airborne Pollutants from Traffic and Industrial corridors of Lagos Metropolis, Nigeria.

**F. CONFERENCES, SEMINARS AND WORKSHOPS ATTENDED WITH DATES**

1. National Air Quality workshop: Air Quality issues in National Planning; Assessing Present Status and Predicting Future Trends in Nigeria; Bowen University, Iwo, Osun State, Nigeria, 28th – 30th August, 2019
2. Short Course on Building Research Evidence for Effective Policy Transfer and Development Implementation, Literature review, Systematic analysis/meta-analysis, Journal/thesis writing in the West and Central African Region, Centre for Excellence in Reproductive Health Innovation (CERHI), University of Benin, Benin City, Nigeria, 17th – 21st July, 2017.
3. Workshop on Pedagogy and Integrated Medical and Dental Curriculum, University of Medical Sciences, Laje road, Ondo State, Nigeria, 6th – 7th July, 2017.
4. Short Course on Master Grant Proposal Writing and Financial Management in Tertiary Institutions, University of Medical Sciences, Laje road, Ondo State, Nigeria, 22nd – 24th August, 2016.
5. Annual Faculty of Science Conference, Obafemi Awolowo University, Ile-Ife, Nigeria, 4th – 8th September, 2016.