

CURRICULUM VITAE

1. **Full Name:** IDOWU Peter Adebayo
2. **Date & Place of Birth:** 21st December, 1974; Orile Owu
3. **Age:** 43 years
4. **Sex:** Male
5. **Local Government Area:** Ayedaade
6. **State of Origin:** Osun
7. **Nationality:** Nigerian
8. **Permanent Home Address:** Orisunmbare Quarters, Orita Iloko, Imo, Ilesa, Osun State
9. **Current Postal Address:** Department of Computer Science & Engineering, Obafemi Awolowo University, Ile-Ife, Nigeria
10. **Cell Phone Number:** +234(0)7060506637
11. **E-Mail Address:** paidowu1@yahoo.com1/paidowu1@gmail.com
12. **Marital Status:** Married
13. **Number of Children With Ages:** Three (11yrs, 10 yrs and 1yr)
14. **Institutions Attended (with dates):**
 - (i) Obafemi Awolowo University, Ile-Ife, Nigeria 1992 - 1998
 - (ii) Obafemi Awolowo University, Ile-Ife, Nigeria 2000 - 2003
 - (iii) Aston University, Birmingham, United Kingdom 2007 - 2009
 - (iv) Obafemi Awolowo University, Ile-Ife, Nigeria 2009 - 2012
15. **Pure Academic Qualification (with dates):**
 - (i) B.Sc. (Hons) Computer Science/Economics 1998
 - (ii) M.Sc. Computer Science 2003
 - (iii) M.Phil. Computer Science 2009
 - (iv) Ph.D. Computer Science 2012
16. **Professional Qualification (with dates):**
 - (i) Computer Professional Registration Council of Nigeria (CPN) Registered (004579/2015) 2015
17. **Scholarship and Prizes at University:** Commonwealth Academic Staff Scholarship 2007-2008
18. **Training Programme Attended with Dates:**
 - (i) A Day Training (May 21st, 2008) organized by Statistics Group, Open University, England at Berrill Lecture Theatre, Open University campus, Milton Keynes, England. The Course is on Statistics for Public Health Surveillance
 - (ii) A Day Training (July 2nd, 2008) organized by International Healthcare Standards Development Organization (IHTSDO) at NEC, Birmingham, England. The Course is on SNOMED CT and Interoperable Healthcare.

- (iii) A Day Training (May 21st, 2008) organized by Statistics Group, Open University, England at Berrill Lecture Theatre, Open University campus, Milton Keynes, England. The Course is on Statistics for Public Health Surveillance.
- (iv) 2 Days Training (1st- 3rd September, 2004) organized by Carnegie Corporation, New York and Obafemi Awolowo University, Nigeria at Obafemi Awolowo University Ile-Ife, Nigeria. The Course is on Web Methodology for E-Learning for Course Developers & Writers.
- (v) 2 Weeks Training (June 18-25, 2003) organised by Centre for Distance Learning, Obafemi Awolowo University, Ile-Ife at Obafemi Awolowo University Ile-Ife, Nigeria. The Course is on Web-Based Co-curriculum Development.
- (vi) 2 Weeks Training (4-16 June 2001) organised by organized by United Nations University/International Institute for Software Technology at Obafemi Awolowo University Ile-Ife, Nigeria. The Course is on Software development with VDM and Real-Time Systems Development with Duration Calculus.

19. Honours, Distinction and Membership of Learned Professional Societies

- | | | |
|-------|---|------|
| (i) | Member, Nigeria Computer Society (09273) | 2015 |
| (ii) | Member, Computer Professional Registration Council of Nigeria (004579/2015) | 2015 |
| (iii) | Member, International Association of Engineers (IAENG-145702) | 2014 |
| (iv) | Member, Nigerian Young Academy | 2013 |
| (v) | Member, International Geospatial Society | 2011 |
| (vi) | Member, British Computer Society (990137029) | 2007 |
| (vii) | Member, International Federation of Information Processing WG 9.4 | 2004 |

20. Previous Employment

- (i) 1996-1997 Industrial Training: TechnoChips, Sango, Ibadan, Oyo State
- (ii) 1998-1999 NYSC: Haliru Binji College of Arts & Science, Sokoto
- (iii) 1999-2003 Graduate Assistant: Obafemi Awolowo University, Ile-Ife
- (iv) 2003-2006 Assistant Lecturer: Obafemi Awolowo University, Ile-Ife
- (v) 2007-2008 Postgraduate Demonstrator: Aston University, Birmingham, UK
- (vi) 2006-2009 Lecturer II: Obafemi Awolowo University, Ile-Ife
- (vii) 2009-2012 Lecturer I: Obafemi Awolowo University, Ile-Ife
- (viii) 2012- Till Date Senior Lecturer: Obafemi Awolowo University, Ile-Ife

21. Present Employment

- (i) 2012- Till Date Senior Lecturer: Obafemi Awolowo University, Ile-Ife

22. Research Interests

- (i) Database Design & Management
- (ii) Health Informatics
- (iii) Data Mining
- (iv) Software Engineering

23. List of Publications

- (i) **P.A. Idowu**, E.R. Adagunodo and A. O. Alu (2002): Computer In Education: E Learning *Ife Journal of Behaviour Research*, 4 (1): pp 33-41.
- (ii) **P.A. Idowu**, A. Alu and E.R. Adagunodo (2002): The Effect of Information Technology on the Growth of Banking Industry in Nigeria. *The Electronic Journal of Information Systems in Developing Countries*, 10(2): pp 1-8.
- (iii) **P.A. Idowu**, E. O. Ogunbodede and B. Idowu (2003): Information Communication & Technology In Nigeria: The Health Sector Experience *Journal of Information Technology Impact*, 3 (2): pp 69-76.
- (iv) **P. A. Idowu**, A. O. Alu, and B. I. Popoola (2003): Nigerian Women in Information Technology and Computer Science Education. *Journal of Educational Research on Africa* 3 (3) pp 24-32
- (v) **P.A. Idowu**, E.R. Adagunodo and E.O. Ogunbodede (2003): Distributed Resource Sharing System for Hospitals in Nigeria. *Journal of Biomedical Soft Computing and Human Sciences*, 9, (2): pp 1-7.
- (vi) **P. A. Idowu**, E.R. Adagunodo, G.A. Aderounmu and E.O. Ogunbodede (2004): Electronic Referral System for State Hospitals in Nigeria. *Ife Journal of Science*, 6 (2): pp 161-166.
- (vii) **P. A. Idowu**, E. R. Adagunodo, and A. O. Idowu(2004): Gender Differences in Computer Literacy among Nigerian Undergraduate Students. *Journal of Educational Research Network* 4(3); pp 47-53.
- (viii) **P.A. Idowu**, A. O. Idowu and E. R. Adagunodo (2004): A Comparative Study of Information and Communication Technology at Higher Educational Institution in Africa: Case Studies from Nigeria and Mozambique. *Journal of Information Technology Impact*, 4 (2): pp 67-74.
- (ix) **P. A. Idowu**, R.A. Adedoyin and E. R. Adagunodo (2005): Computer-Related Repetitive Strain Injury among Its Users. *Nigerian Journal of Physiotherapy*, 15(1): pp 13-18.
- (x) R. A. Adedoyin, B. O. Idowu, R. A. Adagunodo and **P. A. Idowu** (2005): Musculoskeletal Pain Associated with the Use of Computer Systems in Nigeria. *International Journal of Health Care Engineering*, 13(2): pp 125-130.
- (xi) A. O. Idowu, **P. A. Idowu** and E. R. Adagunodo(2005): Empirical Study On Information & Communication Technology and Youth in a Developing Country: Nigeria as a Case. *International Journal of Information Technology & Decision Making*, 4(2): pp 297-309.
- (xii) **P.A Idowu**, E. R. Adagunodo, and R.A Adedoyin (2006): Information Technology Infusion Model for Health Sector in a Developing Country: Nigeria as a case, *Technology and Health Care*, 14 (2): pp 69-77.

- (xiii) **P. A. Idowu**, E. R. Adagunodo and S. Olateju (2006): “Radiological Information System for Primary Health Centres in Nigeria”. *The Journal of Computer Science and It’s Application*, 12 (1): pp 80-90.
- (xiv) **P.A Idowu**, E. A Olajubu, G.A Aderounmu, and E. R Adagunodo (2007): Wireless Data Processing Model in Hospital Environment: A Case Study of Obafemi Awolowo University Teaching Hospital, *Biomedical fuzzy and human sciences*, 12 (1): pp 23-27.
- (xv) **P.A. Idowu**, and S.A. Ajayi (2008): GSM Based Referral System for Primary Health Care Centres in Nigeria, *International Journal of Soft Computing*, 3 (6): pp 421-427.
- (xvi) **P. Idowu**, D. Cornford, and L. Bastin (2008): Health Informatics Deployment in Nigeria, *Journal of Health Informatics in Developing Countries*, 2 (1): pp 18-26.
- (xvii) **P.A. Idowu**, N. Okonrokwo, and E.R Adagunodo (2009): Spatial Predictive Model for Malaria in Nigeria, *Journal of Health Informatics in Developing Countries*, 3 (3): pp 9-17.
- (xviii) **P.A. Idowu** and E. R Adagunodo (2010): A Survey of Health Data Models in Sub-Saharan Africa, *Journal of Health Informatics in Developing Countries*, 4 (2): pp 11-19.
- (xix) **P. A. Idowu**, B. I. Akhigbe and K.O. Adekunle (2010). A Predictive Model for Network Failure using Artificial Neural Network: OAUNet as a case. *International Journal of Computer Science*, 2(1): pp 85-94.
- (xx) **P. A. Idowu** (2011). A GIS Data Model for Disease Surveillance and Monitoring, Nigeria as a Case Study. ISBN 978-3-8465-3941-5 LAP LAMBERT Academic Publishing GmbH & Co KG.
- (xxi) **P.A. Idowu**.(2012) A Spatial Data Model for HIV/AIDS Surveillance and Monitoring in Nigeria. *International Journal of E-Health and Medical Communications*. 3(2): pp 66-84 .
- (xxii) **P. A. Idowu**, E. R. Adagunodo, and O.A. Esimai (2012). Development of a Web based Environmental Health Tracking System for Nigeria. *International Journal of Information Technology and Computer Science* (4)7: pp 61-71.
- (xxiii) **P. A. Idowu**, E. R. Adagunodo, O. A. Esimai and T. C. Olapade (2012). Development of a Web based GIS Waste Disposal Management System for Nigeria. *International Journal of Information Engineering and Electronic Business* (4)3: pp 40-48.
- (xxiv) **P. A. Idowu**, C. Osakwe, R. A. Kayode and E. R. Adagunodo (2012). Prediction of Stock Market in Nigeria using Artificial Neural Network, *International Journal of Intelligent Systems and Applications* (4)11: pp 68-74.

- (xxv) **P. A. Idowu**, B. I. Akhigbe, O.O. Adeosun, A. A. Kayode, A. F. Osungbade (2013). Data Mining Techniques for Predicting Immunize-able Diseases: Nigeria as a Case Study, *International Journal of Applied Information Systems* 5(7): 5-15.
- (xxvi) **P. A. Idowu**, B. I. Akhigbe, O. O. Adeosun, A. A. Kayode, and T.B. Apanisile (2013). A Distributive Information System for Health Care Facilities in Nigeria: A Web-Based Spatial Approach. *International Journal of Applied Information Systems* 5(10): 1-8.
- (xxvii) **P. A. Idowu**, B. I. Akhigbe, and V. Y. Odunaiya (2013): Development of a Web-Based Spatial Crime Surveillance Information System, *Ife Journal of Technology* 22(1): 46-54.
- (xxviii) **P. A. Idowu** (2013). Geographical Information System: Solution to Nigeria's Public Health Challenges. Health, Violence, Environment and Human Development in Developing Countries. Nova Science Publisher, INC, New York (Book Chapter). ISBN 978-1-62948-038-1 Chapter 3.
- (xxix) **P. A. Idowu**, B. I. Akhigbe, K.O. Williams, and O. Adeosun (2014). Web-Based Spatial Immunize-able Disease Surveillance System for Nigeria. *International Journal of Research in Business and Technology* 4(3): 524-530
- (xxx) **P. A. Idowu**, O. O. Adeosun, and K. O. Williams (2014): Dependable Online Appointment Booking System for NHIS Outpatient in Nigerian Teaching Hospitals, *International Journal of Computer Science & Information Technology* 6(4): 59-73.
- (xxxii) **P. A. Idowu**, T. A. Aladekomo, K.O. Williams, and J. A. Balogun (2015). Prediction Model for Likelihood of Survival of Sickle-Cell Anaemia (SCA) among Paediatric Patients using Fuzzy Logic, *Transactions on Networks and Communications* 3(1): 31-44
- (xxxiii) **P. A. Idowu**, K. O. Williams, J. A. Balogun and A. I. Oluwaranti (2015). Breast Cancer Risk Prediction Using Data Mining Classification Techniques. *Transactions on Networks and Communications* 3(2): 1-11
- (xxxiiii) **P. A. Idowu**, Bunmi Alonge and Olusegun Ajibola Sarunmi (2015). Online Spatial Cancer Registry System for Nigeria. *Journal of Biomedical Engineering and Medical Imaging* 2(5): 10-20
- (xxxv) **P. A. Idowu** (2015). A Spatial Data Model for Environmental Health Surveillance System in Nigeria. *Journal of Research in Science, Technology, Engineering and Management* 1(1): 7-15 India
- (xxxvi) **P. A. Idowu**, Kehinde Williams and Emmanuel Olonade (2015): Online Road Traffic Accident Monitoring System for Nigeria. *Transactions on Networks and Communications* 3(1): 10-21

- (xxxvi) ***P. A. Idowu** (2015). Information and Communication Technology: A Tool for Health Care Delivery in Nigeria. “*Computing in Research and Development in Africa: Benefits, Trends, Challenges and Solutions*. Abdoulaye Gamatie Springer International (Ed.) ISDN 978-3-319-08238-7
- (xxxvii) ***P. A. Idowu**, O. A. Sarumi, J. A. Balogun and O. Ogunlade (2015). Development of a Fuzzy Logic Based Model for Monitoring Cardiovascular Disease Risk. *Journal of Health Information Systems and Informatics* 10(4): 38-55
- (xxxviii) ***P. A. Idowu**, B. L. Abimbola, and O. B. Alaba(2015). Data Model for Road Traffic Accident in Nigeria. *African Journal of Computing & ICTs* 8(2): 67-76
- (xxxix) ***P. A. Idowu** (2016). Online Spatial HIV/AIDS Surveillance and Monitoring System for Nigeria. “*Improving Health Management through Clinical Decision Support Systems*”. Edited by Jane D. Moon and Mary P. Galea, IGI, ISBN13: 9781466694323, DOI: 10.4018/978-1-4666-9432-3 Chapter 2
- (xl) ***P. A. Idowu**, O. Agbelusi and T. A. Alademoko (2016). The Prediction of Paediatric HIV/AIDS Patient Survival: A Data Mining Approach, *Asian Journal of Computer and Information Systems* 4(3): 87-94
- (xli) ***P. A. Idowu**, O. A. Sarunmi and J. A. Balogun (2016). Development of a web based Cardiovascular Disease Risk Monitoring System, *Ife Journal of Information Communication Technology* 1(1): 04-16
- (xlii) *J. A. Balogun, **P. A. Idowu**, and O. T. Babawale (2016). A Predictive Model for the Risk of Infertility in Women using Supervised Learning Algorithms – A Comparative Analysis, *Ife Journal of Information Communication Technology* 1(1): 24-33
- (xliii) ***P. A. Idowu**, J. A. Balogun and O. B. Alaba (2017). Data Mining Approach For Predicting the Likelihood of Infertility in Nigerian Women . *Handbook of Research on Healthcare Administration and Management* Chapter 6. Nilmini Wickramasinghe IGI publisher DOI: 10.4018/978-1-5225-0920-2.ch006
- (xliv) ***P. A. Idowu** (2017). Predictive Model for the Classification of Hypertension Risk Using Decision Trees Algorithm. *American Journal of Mathematical and Computer Modelling*. 2(2):48-59.
- (xlv) ***P. A. Idowu**, F. O. Asahiah, and J. A. Balogun (2017) An online Neonatal Intensive-Care Unit Monitoring System for Hospitals in Nigeria, *International Journal of Biomedical and Clinical Engineering*, 6(1):1- 22
- (xlvi) ***P. A. Idowu**, T. A. Aladekomo, O. Agbelusi, O. B. Alaba and J. A. Balogun (2017). Prediction of Pediatric HIV/AIDS Survival in Nigeria Using Naïve Baye’s Approach. *International Journal of Child Health and Human Development* ;10(2): 131-142.
- (xlvii) ***P. A. Idowu**, T. A. Aladekomo, O. Agbelusi, O. B. Alaba and J. A. Balogun (2017). Survival model for pediatric HIV/AIDS patient using C4.5 decision tree algorithm. *International Journal of Child Health and Human Development* ;10(2): 143-155.

- (xlviii) ***P.A. Idowu**, M. O. Oyetunji, F. A. Oladeji & J. A. Balogun (2017). An ICT Infusion Model for Nigerian Transport Sector, *Computing, Information Systems, Development Informatics & Allied Research Journal* 8(1): 103-120
- (xlix) *Oyetunji, M.O., Oladeji, F.A., Falana, O.J. & **Idowu, P.A.** (2017): An ICT Infusion Model for the Nigerian Security Sector. *Journal of Digital Innovations & Contemporary Research in Science & Engineering*, 5(1): 101-120
- (l) *Oyetunji, M.O, Oladeji, F.A., Falana, P.A & **Idowu, P.A.** (2017): Prediction of Road Traffic Accident in Nigeria Using Naive Baye's Approach. *Advances in Multidisciplinary & Scientific Research Journal*. 3(1): 23-30
- (li) ***P. A.Idowu**, M.O. Oyetunji, F. A. Oladeji, J. A. Balogun (2017). Web-Based Surveillance System for Periodontal Disease for Nigeria. *Software Engineering*. 5(2): 26-37. doi: 10.11648/j.se.20170502.11
- (lii) *M. O. Oyetunji, F. A. Oladeji, O. J. Falana, and **P. A. Idowu** (2017). An Online Poultry Diseases Monitoring System for Nigeria. *American Journal of Software Engineering and Applications*. 6(2):18-28. doi: 10.11648/j.ajsea.20170602.12
- (liii) ***Idowu P. A.** , Balogun J. A. , Komolafe O.(2017). Information and Communication Technology Infusion Model for Microfinance Bank in the Nigeria. *Science, Technology & Public Policy*. 1(5):107-119. doi: 10.11648/j.stpp.20170105.11
- (liv) *Oladeji F.A., **Idowu. P. A.** and Balogun M. B. (2017). A Web Based Spatial Distribution of Malaria in Nigeria. *Computing, Information Systems, Development informatics & Allied Research Journal*. 8(2): 7-18
- (lv) *Oladeji, F.A., **Idowu, P.A.**, Komolafe, O. and Oyetunji, O. (2017): Predictive Model for the Risk of Hyperopia in Nigeria Using Decision Tree Algorithm. *Journal of Digital Innovations & Contemporary Research in Science & Engineering*, 5(2): 101-120
- (lvi) *Egejuru, N.C., Mhambe, P.D., Balogun, J.A., Asahiah, F.O. & **Idowu, P.A** (2017). Information Technology Infusion Model for Agricultural Sector in Nigeria. *Journal of Digital Innovations & Contemporary Research in Science, Engineering & Technology* 5(3): 59-78 **Nigeria**
- (lvii) *Egejuru, N. C., Balogun J. A., Mhambe P. D., Asahiah, F.O and **Idowu, P. A.** (2017) Model for Prediction of Cataracts Using Supervised Machine Learning Algorithms. *Computing, Information Systems, Development informatics & Allied Research Journal*. 8(3): 48-62, **Nigeria**
- (lviii) *N. C. Egejuru P. D., Mhambe, J. A. Balogun, F. Komolafe and P. A. Idowu (2017). Osteoporosis Risk Predictive Model Using Supervised Machine Learning Algorithms. *Science Research*. 5(6): 78-87. doi: 10.11648/j.sr.20170506.11 **United States**
- (lix) *Mhambe, P. D., Egejuru, N. C., Balogun, J. A., Olusanya, O. S. and Idowu, P.A. A (2018) Predictive Model for the Risk of Mental Illness in Nigeria Using Data Mining. *International Journal of Immunology*. 6(1): 5-16 **United States**

24. Major Conferences and Workshop attended with Paper

- (lx) B. Idowu, E. R. Adagunodo and **P.A. Idowu** (2005): “Information Technology in a Developing Country: The Nigerian University Experience”. *In the Proceedings of the eight International Working Conference of IFIP WG 9.4*. NICON Hilton Hotel Abuja; 473-480.
- (lxi) **P.A. Idowu**, Dan Cornford & Lucy Bastin (2009): “A Conceptual Data Model for Disease Surveillance, Monitoring and Prediction in Nigeria”. *In the Proceeding of Second International Conference on Health Informatics*. Hotel Gaia Melia Porto, Porto, Portugal; 473-480.
- (lxii) **P. A. Idowu**, and E. R. Adagunodo (2010). A Spatial Conceptual Public Health Data Model for Nigeria. In Proceedings of the Fifth International Conference on Application of Information and Communication Technology for Training, Research and Administration (AICTTRA), Jos; 11-23.
- (lxiii) B. I. Akhigbe, **P.A. Idowu**, P. E. Ugege, and E.R. Adagunodo (2010). Comparative Study of Usage of Information and Communication Technology in Developed and Developing Nations’ Universities (United Kingdom and Nigeria as a case). In *Proceedings of the Fifth International Conference on Application of Information and Communication Technology for Training, Research and Administration (AICTTRA)*, Jos; 65-72.
- (lxiv) **Peter Adebayo Idowu**, Sarunmi Olusegun Ajibola and Jeremiah Ademola Balogun (2015). Prediction Model for Likelihood Of Infertility in Women Using Multi-Layer Perception. *Proceedings of the 9th International Conference on Application of Information and Communication Technology for Training, Research and Administration (AICTTRA)*, Kwara Hotel, Ilorin, Kwara State September 13-17, pp 78-88
- (lxv) *Alaba Olumuyiwa Bamidele; Usman Opeyemi Lateef; **Idowu Peter Adebayo** and Rufai Kazeem Idowu (2016). Empirical Study on Information and Communication Technology Infusion among Medical Students in Nigeria. In *Proceedings of the 10th International Conference on ICT Applications*. Centre of Excellence in Software Engineering, Obafemi Awolowo University, Ile-Ife, Osun State; October 4-6, pp 7-12, **Nigeria**
- (lxvi) *Usman, O.L.; **Idowu, P.A.**; Gbolagade, K.A.; and Alaba, O.B. (2016). Beyond Crude: Implementation Of Neuro-Fuzzy Model For Efficient Weather Prediction In Agro-Based Economy (Nigeria). In *Proceedings of the 10th International Conference on ICT Applications*. Centre of Excellence in Software Engineering, Obafemi Awolowo University, Ile-Ife, Osun State; October 4-6, pp 149-157, **Nigeria**

25. Master's and PhD Thesis Supervised

- (i) **Title of Thesis:** Development of a Classification Model for Hypertension Risk Monitoring
Name of Student: Egejuru, Ngozi Chidozie (Ph.D)
Year of Commencement: 2013
Year Completed: 2017
Supervision: I am the main supervisor

- (ii) **Title of Thesis:** Development of an Online Spatial Renal Registry System for Nigeria
Name of Student: Adekunle Kolawole O (M.Sc. by Research)
Year of Commencement: 2013
Year Completed: 2017
Supervision: I am the main supervisor

- (iii) **Title of Thesis:** Development of a Classification Model for the Survival of Chronic Renal Patients Survival on Hemodialysis using Machine Learning Techniques
Name of Student: Mhambe Priscilla Dooshima (M.Sc by Research)
Year of Commencement: 2015
Year Completed: 2017
Supervision: I am the major supervisor and the second supervisor is from Renal

- (iv) **Title of Thesis:** Development of a Survival Model for Chronic Myeloid Leukaemia Patients Using Data Mining Techniques.
Name of Student: Jeremiah Ademola Balogun (M.Sc by Research)
Year of Commencement: 2014
Year Completed: 2016
Supervision: I am the major supervisor and the second supervisor is from haematology

- (v) **Title of Thesis:** Development of a web based Cardiovascular Disease Monitoring System.
Name of Student: Sarumi Segun Ajibola (M.Sc. by Research).
Year of Commencement: 2013
Year Completed: 2015
Supervision: I am the major supervisor and the second supervisor is a cardiologist

- (vi) **Title of Thesis:** Development of Predictive Model for Survival of Paediatric HIV/AIDS Patient in Nigeria.
Name of Student: Agbelusi Olutola (M.Phil.)
Year of Commencement: 2012
Year Completed: 2014
Supervision: I am the major supervisor and the second supervisor is a paediatrician

- (vii) **Title of Thesis:** Development of Prediction of Road Traffic Accident in South Western Nigeria using Fuzzy Logic.
Name of Student: Sipe, Oluwaseun O. (M.Sc. by Research)

Year of Commencement: 2012
Year Completed: 2014
Supervision: I am the second supervisor

- (viii) **Title of Thesis:** Development of a Web-based GIS HIV/AIDS Surveillance System for Nigeria
Name of Student: Gbemisola Yemisi Oladapo (Master by Long Essay)
Year of Commencement: 2012
Year Completed: 2013
Supervision: I am the only supervisor
- (ix) **Title of Thesis:** Development of a Web-based Financial Crime Monitoring System for Nigeria
Name of Student: Olakunle Olupona (Master by Long Essay)
Year of Commencement: 2013
Year Completed: 2014
Supervision: I am the only supervisor
- (x) **Title of Thesis:** Development of an Online Spatial Road Offence Monitoring System
Name of Student: Oluwole Adedokun (Master by Long Essay)
Year of Commencement: 2014
Year Completed: 2015
Supervision: I am the only supervisor
- (xi) **Title of Thesis:** Development of a Predictive Model for the Likelihood of having Hypertension in Nigeria
Name of Student: Temitope Deborah Okunola (Master by Long Essay)
Year of Commencement: 2015
Year Completed: 2016
Supervision: I am the only supervisor
- (xii) **Title of Thesis:** Development of an IT Infusion Model for Teaching Hospitals in Nigeria
Name of Student: Olatunde Samuel Ige (Master by Long Essay)
Year of Commencement: 2015
Year Completed: 2016
Supervision: I am the only supervisor
- (xiii) **Title of Thesis:** Development of a web based Spatial Tracking System for HIV/AIDS in Nigeria
Name of Student: Oluwabunmi Ruth Odulana (Master by Long Essay)
Year of Commencement: 2015
Year Completed: 2016
Supervision: I am the only supervisor

- (xiv) **Title of Thesis:** Development of a Monitoring System for Neonatal Intensive Care Unit in Nigeria
Name of Student: Ayodeji Oluseun Osokoya (Master by Long Essay)
Year of Commencement: 2015
Year Completed: 2016
Supervision: I am the only supervisor
- (xv) **Title of Thesis:** Development of a Predictive Model for Survival of Tuberculosis Disease in Nigeria Using Data Mining Techniques
Name of Student: Saheed Asimiu Idris (Master by Long Essay)
Year of Commencement: 2015
Year Completed: 2016
Supervision: I am the only supervisor
- (xvi) **Title of Thesis:** Development of a Predictive Model for Postpartum Depression in Nigerian Women Using Data Mining Techniques
Name of Student: Kekinde Oluwakemi Fagbola (Master by Long Essay)
Year of Commencement: 2015
Year Completed: 2016
Supervision: I am the only supervisor

26. Details of Administrative Experience

Administrative experience was through the following activities.

- (i) Departmental Examination Committee Member (2001 – 2004)
- (ii) Departmental Board of Examiners Member (2003 - Till Date)
- (iii) Student Adviser 2005 – 2006, 2012- Till date
- (iv) Coordinator, SIWES 2010 – 2016
- (v) OAU Webometric Ranking Committee member 2012- Till Date

27. Teaching Experience

I have been teaching for the over eighteen years at the Obafemi Awolowo University, Ile-Ife, Nigeria. I have taught a number of courses, some of the courses are:

S/N	Course Code	Course Title	Units
1.	CSC 201	Computer Programming I	3
2.	CSC 305	Introduction to Database Systems	3
3.	CSC 515	Database Design and Management	2
4.	CSC 505	Object Oriented Modelling	2
5.	CSC 631	Database and File Processing	4

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|----|---------|-------------------------------------|---|
| 6. | CSC 101 | Introduction to Computer
Science | 3 |
| 7. | CSC 313 | System Analysis and Design | 3 |

28. Service to the community

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|-------|---|------------------|
| (i) | Member, Editorial Review Board, Journal of Information,
Information Technology, and Organizations | 2005 - Till Date |
| (ii) | Member, Editorial Review Board, Information Technology
and People | 2006 - Till Date |
| (iii) | Member, Editorial Review Board, International Conference
on Education and Information Systems, Technologies and
Applications: EISTA | 2008 - Till Date |
| (iv) | Member, Editorial Review Board, The African Journal of Information
Systems | 2009- Till Date |
| (v) | Coordinator, Media Department, Mountain of Fire and Miracles
Ministries, Ilesha Region, Osun State | 2011 – Till Date |
| (vi) | External Examiner for HND Programme, Department of Computer Science
Rufus Giwa Polytechnic, Owo, Ondo State | 2013 - 2016 |
| (vii) | External Examiner Department of Computer Science & Engineering
Ladoke Akintola University of Technology, Ogbomoso | 2016- Till Date |

29. Extra Curricular Activities

Researching and Driving

Signature:



Date: December 21, 2017